

RESEARCH DEGREE AND PROFESSIONAL DOCTORATE STUDENTS' RESEARCH OUTPUT (July 2017 – June 2018)

This report summarizes the research outputs of our research degree and professional doctorate students, and serves to recognize their hard work and perseverance. It also acts as a link between the University and the community, as it demonstrates the excellent research results that can benefit the development of the region.

Chow Yei Ching School of Graduate Studies
April 2019

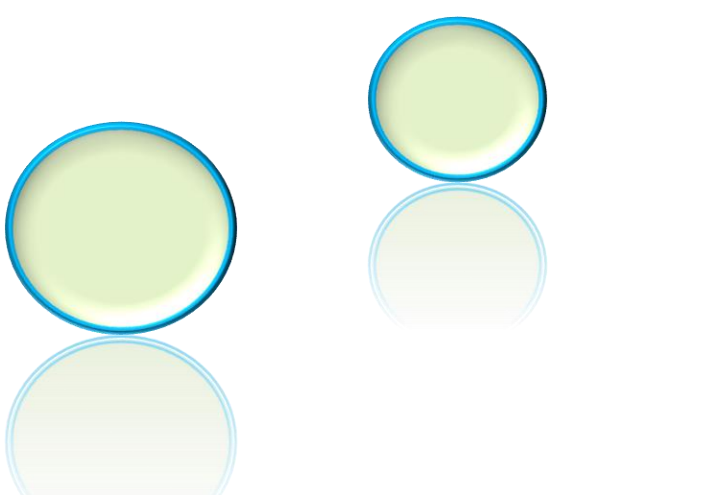


TABLE OF CONTENTS

SUMMARY OF RESEARCH OUTPUT PRODUCED BY PHD STUDENTS IN 2017-2018	IV
SUMMARY OF RESEARCH OUTPUT PRODUCED BY MPhil STUDENTS IN 2017-2018.....	V
SUMMARY OF RESEARCH OUTPUT PRODUCED BY PROFESSIONAL DOCTORATE STUDENTS IN 2017- 2018	VI
SECTION A: PUBLICATIONS OF PHD STUDENTS	7
COLLEGE OF BUSINESS	7
DEPARTMENT OF ACCOUNTANCY	7
DEPARTMENT OF ECONOMICS AND FINANCE.....	7
DEPARTMENT OF INFORMATION SYSTEMS.....	8
DEPARTMENT OF MANAGEMENT	12
DEPARTMENT OF MANAGEMENT SCIENCES	12
DEPARTMENT OF MARKETING	15
COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES.....	16
DEPARTMENT OF ASIAN AND INTERNATIONAL STUDIES	16
DEPARTMENT OF CHINESE AND HISTORY	17
DEPARTMENT OF ENGLISH	19
DEPARTMENT OF LINGUISTICS AND TRANSLATION	20
DEPARTMENT OF MEDIA AND COMMUNICATION.....	22
DEPARTMENT OF PUBLIC POLICY	25
DEPARTMENT OF SOCIAL AND BEHAVIOURAL SCIENCES	28
COLLEGE OF SCIENCE AND ENGINEERING.....	30
DEPARTMENT OF ARCHITECTURE AND CIVIL ENGINEERING	30
DEPARTMENT OF CHEMISTRY	46
DEPARTMENT OF COMPUTER SCIENCE	58
DEPARTMENT OF MATERIALS SCIENCE AND ENGINEERING.....	102
DEPARTMENT OF MATHEMATICS.....	123
DEPARTMENT OF MECHANICAL AND BIOMEDICAL ENGINEERING	125
DEPARTMENT OF PHYSICS	136
DEPARTMENT OF SYSTEMS ENGINEERING AND ENGINEERING MANAGEMENT.....	144
SCHOOL OF CREATIVE MEDIA.....	153
SCHOOL OF ENERGY AND ENVIRONMENT.....	155
JOCKEY CLUB COLLEGE OF VETERINARY MEDICINE AND LIFE SCIENCES	165
DEPARTMENT OF BIOMEDICAL SCIENCES.....	165
JOCKEY CLUB COLLEGE OF VETERINARY MEDICINE AND LIFE SCIENCES	172

SECTION B: PUBLICATIONS OF MPhil STUDENTS..... 174

COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES..... 174
 DEPARTMENT OF PUBLIC POLICY 174
 DEPARTMENT OF SOCIAL AND BEHAVIOURAL SCIENCES 174
COLLEGE OF SCIENCE AND ENGINEERING..... 174
 DEPARTMENT OF ELECTRONIC ENGINEERING..... 174
 DEPARTMENT OF SYSTEMS ENGINEERING AND ENGINEERING MANAGEMENT..... 174
SCHOOL OF CREATIVE MEDIA..... 174
SCHOOL OF ENERGY AND ENVIRONMENT..... 175
JOCKEY CLUB COLLEGE OF VETERINARY MEDICINE AND LIFE SCIENCES 175
 DEPARTMENT OF BIOMEDICAL SCIENCES..... 175

SECTION C: PUBLICATIONS OF PROFESSIONAL DOCTORATE STUDENTS..... 176

COLLEGE OF BUSINESS..... 176
 DOCTOR OF BUSINESS ADMINISTRATION..... 176
SCHOOL OF LAW 176
 DOCTOR OF JURIDICAL SCIENCE 176
DEPARTMENT OF SYSTEMS ENGINEERING AND ENGINEERING MANAGEMENT..... 177
 ENGINEERING DOCTORATE (ENGINEERING MANAGEMENT)..... 177

Summary of Research Output Produced by PhD Students in 2017-2018

Departments/Schools	Number of students who have produced publications	Category of Publications						Total No. of Publications
		Scholarly books, monographs and chapters	Journal publications	Conference papers	Creative and literary works, consulting reports and case studies	Patents, agreements, assignments and companies	All other outputs	
College of Business								
Department of Accountancy	9	-	2	4	-	-	6	12
Department of Economics and Finance	7	1	3	-	-	-	4	8
Department of Information Systems	39	1	16	27	-	-	9	53
Department of Management	2	1	-	1	-	-	1	3
Department of Management Sciences	21	1	17	5	-	-	14	37
Department of Marketing	9	-	5	5	-	-	3	13
College of Liberal Arts and Social Sciences								
Department of Asian and International Studies	9	1	4	2	-	-	9	16
Department of Chinese and History	11	6	11	17	2	-	1	37
Department of English	7	-	6	6	-	-	8	20
Department of Linguistics and Translation	14	1	2	17	1	-	5	26
Department of Media and Communication	21	-	14	16	-	-	4	34
Department of Public Policy	27	2	23	8	-	-	4	37
Department of Social and Behavioural Sciences	25	2	16	4	-	-	7	29
College of Science and Engineering								
Department of Architecture and Civil Engineering	108	3	160	33	1	-	25	222
Department of Chemistry	56	1	70	14	-	1	19	105
Department of Computer Science	120	-	128	94	-	-	36	258
Department of Electronic Engineering	104	1	133	83	-	5	21	243
Department of Materials Science and Engineering	58	-	120	6	-	-	10	136
Department of Mathematics	25	1	28	4	-	-	8	41
Department of Mechanical and Biomedical Engineering	53	-	78	15	-	2	23	118
Department of Physics	33	-	62	14	-	-	4	80
Department of Systems Engineering and Engineering Management	56	2	80	20	-	-	13	115
College of Veterinary Medicine and Life Sciences								
College of Veterinary Medicine and Life Sciences	9	-	11	1	-	-	3	15
Department of Biomedical Sciences	48	-	36	6	-	-	15	57
Department of Infectious Diseases and Public Health	0	-	-	-	-	-	-	-
School of Creative Media								
School of Creative Media	25	2	6	19	8	-	7	42
School of Energy and Environment								
School of Energy and Environment	50	1	84	6	-	2	14	107
School of Law								
School of Law	3	-	-	-	-	-	3	3
Sub-total	949	27	1115	427	12	10	276	1867

Summary of Research Output Produced by MPhil Students in 2017-2018

Departments/Schools	Number of students who have produced publications	Category of Publications						Total No. of Publications
		Scholarly books, monographs and chapters	Journal publications	Conference papers	Creative and literary works, consulting reports and case studies	Patents, agreements, assignments and companies	All other outputs	
College of Business								
Department of Accountancy	-	-	-	-	-	-	-	-
Department of Economics and Finance	-	-	-	-	-	-	-	-
Department of Information Systems	-	-	-	-	-	-	-	-
Department of Management	-	-	-	-	-	-	-	-
Department of Management Sciences	-	-	-	-	-	-	-	-
Department of Marketing	-	-	-	-	-	-	-	-
College of Liberal Arts and Social Sciences								
Department of Asian and International Studies	-	-	-	-	-	-	-	-
Department of Chinese and History	-	-	-	-	-	-	-	-
Department of English	-	-	-	-	-	-	-	-
Department of Linguistics and Translation	-	-	-	-	-	-	-	-
Department of Media and Communication	-	-	-	-	-	-	-	-
Department of Public Policy	1	-	-	-	-	-	1	1
Department of Social and Behavioural Sciences	1	-	1	-	-	-	-	1
College of Science and Engineering								
Department of Architecture and Civil Engineering	-	-	-	-	-	-	-	-
Department of Chemistry	-	-	-	-	-	-	-	-
Department of Computer Science	-	-	-	-	-	-	-	-
Department of Electronic Engineering	3	-	2	2	-	-	1	5
Department of Materials Science and Engineering	-	-	-	-	-	-	-	-
Department of Mathematics	-	-	-	-	-	-	-	-
Department of Mechanical and Biomedical Engineering	-	-	-	-	-	-	-	-
Department of Physics	-	-	-	-	-	-	-	-
Department of Systems Engineering and Engineering Management	1	-	-	-	-	-	1	1
College of Veterinary Medicine and Life Sciences								
College of Veterinary Medicine and Life Sciences	-	-	-	-	-	-	-	-
Department of Biomedical Sciences	1	-	1	-	-	-	-	1
Department of Infectious Diseases and Public Health	-	-	-	-	-	-	-	-
School of Creative Media								
School of Creative Media	1	-	-	-	-	-	1	1
School of Energy and Environment								
School of Energy and Environment	1	-	1	-	-	-	-	1
School of Law								
School of Law	1	-	-	-	-	-	1	1
Sub-total	10	-	5	2	-	-	5	12

Summary of Research Output Produced by Professional Doctorate Students in 2017-2018

Departments/Schools	Number of students who have produced publications	Category of Publications						Total No. of Publications
		Scholarly books, monographs and chapters	Journal publications	Conference papers	Creative and literary works, consulting reports and case studies	Patents, agreements, assignments and companies	All other outputs	
College of Business								
Doctor of Business Administration	10	1	-	-	-	-	9	10
College of Science and Engineering								
Engineering Doctorate (Engineering Management)	3	-	2	3	-	-	-	5
School of Law								
Doctor of Juridical Science	14	1	4	-	-	-	11	16
Sub-total	27	2	6	3	-	-	20	31

Section A: Publications of PhD Students

College of Business	
DEPARTMENT OF ACCOUNTANCY	
Journal publications	
XU Luying	WANG Fangjun, # XU Luying , ZHANG Junrui, SHU Wei, "Political connections, internal control and firm value: Evidence from China's anti-corruption campaign", <i>Journal of Business Research</i> , 86, 06 February 2018, pp 53-67, doi: https://doi.org/10.1016/j.jbusres.2018.01.045 .
YUAN Yuan	# YUAN Yuan , TIAN Gaoliang, LU Louise Yi, YU Yangxin , "CEO Ability and Corporate Social Responsibility", <i>Journal of Business Ethics</i> , 04 July 2017, doi: https://doi.org/10.1007/s10551-017-3622-3 .
Conference papers	
MENSAH Albert Kwame	KIM Eunhee , # MENSAH Albert Kwame , YI Cheong Heon , "Shielding from Political Corruption and the Choice between Public and Private Debt: Theory and Evidence", <i>41st Annual Conference of the Canadian Academic Accounting Association, CAAA 2018 : Accounting and the Public Trust</i> , Fairmont Palliser Hotel, Calgary, Canada, 14-16 June 2018.
	# MENSAH Albert Kwame , TSANG Albert, HU Jinshuai, "Foreign institutional ownership and the choice between public and private debt", <i>2018 International Accounting Section Midyear Meeting (2018 AAA IAS Midyear Meeting)</i> , The Westin Long Beach Hotel, Long Beach, California, United States, 18-20 January 2018.
WEI Juan	# WEI Juan , MO Lai Lan Phyllis , "Tax Enforcement, Government Expenditure Transparency and Tax Compliance: Evidence from China", <i>2017 American Accounting Association Annual Meeting</i> , San Diego, United States, 05-09 August 2017.
YANG Jingyu	# YANG Jingyu , YU Yangxin , ZHENG Liu , "The Impact of Shareholder Litigation Risk on Equity Incentives: Evidence from a Natural Experiment", <i>30th AsianFA Annual Meeting</i> , Hitotsubashi Hall, Tokyo, Japan, 25-27 June 2018.
All other outputs	
DENG Jie	# DENG Jie , <i>Business Group Affiliation and Bank Loan: International Evidence</i> , PhD Thesis, Department of Accountancy, City University of Hong Kong, Hong Kong, PRC, 11 June 2018.
HE Miao	# HE Miao , <i>The Effect of Related Party M&A Transactions on Audit Quality and Audit Fees: Evidence from China</i> , PhD Thesis, Department of Accountancy, City University of Hong Kong, Hong Kong, PRC, 19 October 2017.
SI Yi	# SI Yi , <i>Does the Audit Reputation Matter? Individual Auditor Level Evidence</i> , PhD Thesis, Department of Accountancy, City University of Hong Kong, Hong Kong, PRC, 19 October 2017.
WEI Juan	# WEI Juan , <i>Factors Affecting Tax Compliance in China: Evidence from Firm-level and Individual-level</i> , PhD Thesis, Department of Accountancy, City University of Hong Kong, Hong Kong, PRC, 19 October 2017.
YUAN Yuan	# YUAN Yuan , <i>The Determinant of Corporate Social Responsibility: A Study from CEO Ability Perspective</i> , PhD Thesis, Department of Accountancy, City University of Hong Kong, Hong Kong, PRC, 15 March 2018.
ZHANG Rui	# ZHANG Rui , Outstanding Presentation Award, Winning Paper: "When Two Become One: An Empirical Examination of the Dual Audit System Cancellation on Audit Quality Decline", 12th PhDStudent Workshop 2018 (Hefei), University of Science and Technology of China, China, 07 June 2018.
DEPARTMENT OF ECONOMICS AND FINANCE	
Scholarly books, monographs and chapters	
OPOKU Eric Evans Osei	ADAMS Samuel, # OPOKU Eric Evans Osei , "BRIC versus OECD foreign direct investment impact on development in Africa", <i>Foreign Capital Flows and Economic Development in Africa - The Impact of BRICS versus OECD</i> , Palgrave Macmillan, ISBN: 9781137534958,9781137534965, 2017, pp 147-161.

Section A: Publications of PhD Students

Journal publications	
KASHYAP Ravi	# KASHYAP Ravi , "Solving the equity risk premium puzzle and inching toward a theory of everything", <i>Journal of Private Equity</i> , 21(2), 26 February 2018, pp 45-63, doi: https://doi.org/10.3905/jpe.2018.21.2.045 .
OPOKU Eric Evans Osei	# OPOKU Eric Evans Osei , YAN Kit Ming Isabel , "Industrialization as driver of sustainable economic growth in Africa", <i>Journal of International Trade and Economic Development</i> , 18 June 2018, doi: https://doi.org/10.1080/09638199.2018.1483416 .
ZHOU Chongyang	# ZHOU Chongyang , HONG Jin , WU Yanrui , MARINOVA Dora , "Outward foreign direct investment and domestic innovation performance: evidence from China", <i>Technology Analysis and Strategic Management</i> , 20 June 2018, doi: https://doi.org/10.1080/09537325.2018.1485890 .
All other outputs	
CHEN Chong	# CHEN Chong , <i>Two Essays on Product Market Competition, Corporate Innovation, and Mergers and Acquisitions</i> , PhD Thesis, Department of Economics and Finance, Department of Economics and Finance, Department of Economics and Finance, City University of Hong Kong, Hong Kong, PRC, 14 June 2018.
XIAO Junchao	# XIAO Junchao , <i>Two Essays on Return Synchronicity</i> , PhD Thesis, Department of Economics and Finance, City University of Hong Kong, Hong Kong, PRC, 28 August 2017.
YE Yanyi	# YE Yanyi , <i>Thesis on Information Risks in the Corporate Bonds Market</i> , PhD Thesis, Department of Economics and Finance, City University of Hong Kong, Hong Kong, PRC, 22 June 2018.
ZHONG Xiaoling	# ZHONG Xiaoling , <i>Predictive Power of Prospect Theory: Empirical Tests in Bond and Stock Market</i> , PhD Thesis, Department of Economics and Finance, City University of Hong Kong, Hong Kong, PRC, 18 August 2017.
DEPARTMENT OF INFORMATION SYSTEMS	
Scholarly books, monographs and chapters	
WONG Hong Ming Louie	DAVISON Robert M , # WONG Hong Ming Louie , "Action Research for PhD Students - a Supervisor-Student Dialogue", <i>Information Systems, Development Approaches and Qualitative Research - A Tribute to David Avison</i> , Fitzgerald Guy and Malaurent Julien (eds), ESSEC Publishing, ISBN: 9782364561809, France, June 2018, pp 97-100.
Journal publications	
BIAN Yiyang	# BIAN Yiyang , YANG Chen , ZHAO J Leon , LIANG Liang , "Good drivers pay less: A study of usage-based vehicle insurance models", <i>Transportation Research, Part A: Policy and Practice</i> , 107, 15 November 2017, pp 20-34, doi: https://doi.org/10.1016/j.tra.2017.10.018 .
DONG Wei	# DONG Wei , LIAO Shaoyi Stephen , ZHANG Zhongju , "Leveraging Financial Social Media Data for Corporate Fraud Detection", <i>Journal of Management Information Systems</i> , 35(2), 15 May 2018, pp 461-487, doi: https://doi.org/10.1080/07421222.2018.1451954 .
GONG Xiang	CHEN Chongyang , ZHANG Kem Z.K. , # GONG Xiang , ZHAO Sesia J. , LEE Kwok On Matthew , LIANG Liang , "Examining the effects of motives and gender differences on smartphone addiction", <i>Computers in Human Behavior</i> , 75, 03 July 2017, pp 891-902, doi: https://doi.org/10.1016/j.chb.2017.07.002 .
JIA Kunhao	# JIA Kunhao , LIAO Xiuwu , FENG Juan , "Selling or leasing? Dynamic pricing of software with upgrades", <i>European Journal of Operational Research</i> , 266(3), 03 November 2017, pp 1044-1061, doi: https://doi.org/10.1016/j.ejor.2017.10.063 .
LIN Zhengzheng	# LIN Zhengzheng , ZHOU Zhongyun , FANG Yulin , VOGEL Douglas , LIANG Liang , "Understanding affective commitment in social virtual worlds: The role of cultural tightness", <i>Information and Management</i> , 10 May 2018, doi: https://doi.org/10.1016/j.im.2018.05.005 .
LIU Linlin	# LIU Linlin , LEE Kwok On Matthew , LIU Renjing , CHEN Jiawen , "Trust transfer in social media brand communities: The role of consumer engagement", <i>International Journal of Information Management</i> , 41, 16 March 2018, pp 1-13, doi: https://doi.org/10.1016/j.ijinfomgt.2018.02.006 .
LIU Yang	# LIU Yang , FENG Juan , LIAO Xiuwu , "When Online Reviews Meet Sales Volume Information: Is More or Accurate Information Always Better?", <i>Information Systems</i>

Section A: Publications of PhD Students

	<i>Research</i> , 28(4), 02 October 2017, pp 723-743, doi: https://doi.org/10.1287/isre.2017.0715 .
WANG Qi	# <u>WANG Qi</u> , <u>MA Jian</u> , <u>LIAO Xiuwu</u> , <u>DU Wei</u> , "A context-aware researcher recommendation system for university-industry collaboration on R&D projects", <i>Decision Support Systems</i> , 103, 05 September 2017, pp 46-57, doi: https://doi.org/10.1016/j.dss.2017.09.001 .
WANG Youying	# <u>WANG Youying</u> , <u>HUANG Qian</u> , <u>DAVISON Robert M</u> , <u>YANG Feng</u> , "Effect of transactive memory systems on team performance mediated by knowledge transfer", <i>International Journal of Information Management</i> , 41, 16 April 2018, pp 65-79, doi: https://doi.org/10.1016/j.ijinfomgt.2018.04.001 .
WONG Hong Ming Louie	# <u>WONG Hong Ming Louie</u> , <u>DAVISON Robert M</u> , "Knowledge sharing in a global logistics provider: An action research project", <i>Information and Management</i> , 55(5), 28 November 2017, pp 547-557, doi: https://doi.org/10.1016/j.im.2017.11.005 .
WU Sisi	# <u>WU Sisi</u> , <u>FU Felin</u> , <u>LAI K. K.</u> , <u>LEUNG Wai Keung John</u> , "A Weighted Least-Square Dissimilarity Approach for Multiple Criteria ABC Inventory Classification", <i>Asia-Pacific Journal of Operational Research</i> , 35(4), 11 May 2018, doi: https://doi.org/10.1142/S0217595918500252 .
XU Yujing	# <u>XU Yujing</u> , <u>TONG Yu</u> , <u>LIAO Shaoyi Stephen</u> , <u>ZHOU Guangquan</u> , <u>YU Yugang</u> , "Understanding indirect system use of junior employees in the context of healthcare", <i>Information and Management</i> , 55(6), 13 March 2018, pp 759-770, doi: https://doi.org/10.1016/j.im.2018.03.005 .
YANG Kai	# <u>YANG Kai</u> , <u>CAI Yi</u> , <u>CAI Zhiwei</u> , <u>XIE Haoran</u> , <u>WONG Tak-lam</u> , <u>CHAN Wai Hong</u> , "Top K representative: a method to select representative samples based on K nearest neighbors", <i>International Journal of Machine Learning and Cybernetics</i> , 12 December 2017, doi: https://doi.org/10.1007/s13042-017-0755-8 .
ZHANG Qi	# <u>ZHANG Qi</u> , <u>WANG Jue</u> , <u>LU Aiguo</u> , <u>WANG Shouyang</u> , <u>MA Jian</u> , "An improved SMO algorithm for financial credit risk assessment: Evidence from China's banking", <i>Neurocomputing</i> , 272, 08 July 2017, pp 314-325, doi: https://doi.org/10.1016/j.neucom.2017.07.002 .
ZHANG Xiaojie	<u>QURESHI Israr</u> , <u>FANG Yulin</u> , <u>HAGGERTY Nicole</u> , <u>COMPEAU Deborah</u> , # <u>ZHANG Xiaojie</u> , "IT-mediated social interactions and knowledge sharing: Role of competence-based trust and background heterogeneity", <i>Information Systems Journal</i> , 28(5), 04 January 2018, pp 929-955, doi: https://doi.org/10.1111/isj.12181 .
ZHOU Jingmei	# <u>ZHOU Jingmei</u> , <u>BI Gongbing</u> , <u>LIU Hefu</u> , <u>FANG Yulin</u> , <u>HUA Zhongsheng</u> , "Understanding employee competence, operational IS alignment, and organizational agility: An ambidexterity perspective", <i>Information and Management</i> , 55(6), 24 February 2018, pp 695-708, doi: https://doi.org/10.1016/j.im.2018.02.002 .
Conference papers	
CHEN Rui	<u>SCHUETZ Sebastian W.</u> , # <u>CHEN Rui</u> , "Off the leash: The meaning of non-punitive security approaches to organizational insiders", <i>38th International Conference on Information Systems (ICIS 2017) - Transforming Society with Digital Innovation</i> , COEX, Convention and Exhibition Center, Seoul, Korea, Republic of, 10-13 December 2017, pp 1448-1457.
CHEN Yuan	# <u>CHEN Yuan</u> , # <u>LIU Yan</u> , # <u>WANG Puxi</u> , <u>LIAO Shaoyi Stephen</u> , <u>MA Xiaobin</u> , "Deep Learning on Abnormal Chromosome Segments: An Intelligent Copy Number Variants Detection System Design", <i>11th International Conference on Information Resources Management, Conf-IRM 2018</i> , University of Nottingham Ningbo China, Ningbo, China, 04-06 June 2018.
DENG Weiwei	# <u>DENG Weiwei</u> , <u>MA Jian</u> , "Leveraging Heterogeneous Information Network for Community Recommendation", <i>38th International Conference on Information Systems (ICIS 2017) - Transforming Society with Digital Innovation</i> , COEX, Convention and Exhibition Center, Seoul, Korea, Republic of, 10-13 December 2017, pp 3979-3989, (ISBN: 9781510853690).
FU Mengyao	# <u>XIONG Bingqing</u> , # <u>JIANG Na</u> , # <u>FU Mengyao</u> , <u>YAO JIAN</u> , <u>TAN Chee-Wee</u> , <u>LIM Eric T.K.</u> , <u>WANG Weiquan</u> , <u>GU Jianfeng</u> , "Come Rain and Shine? Exploring the Effects of Mobile Weather Applications on Users' Movements", <i>PACIS 2018 Proceedings</i> , Yokohama Royal Park Hotel, Yokohama, Japan, 26-30 June 2018.
HUANG Wenjie	# <u>HUANG Wenjie</u> , <u>CHEN Hailiang</u> , <u>KWON Juhee</u> , "The Impact of Gamification Design on the Success of Health and Fitness Apps", <i>PROCEEDINGS OF The 12th China Summer Workshop on Information Management, CSWIM 2018</i> , Qingdao, China, 23-24 June 2018, pp 427-432.

Section A: Publications of PhD Students

	#HUANG Wenjie, CHEN Hailiang, KWON Juhee, "The Impact of Gamification Design on the Success of Health and Fitness Apps", <i>22nd Pacific Asia Conference on Information Systems (PACIS 2018)</i> , Yokohama Royal Park Hotel, Yokohama, Japan, 26-30 June 2018, pp 2024-2029.
HULL David Michael	#HULL David Michael, "Motivation, accountability and self-regulation in blended learning for management education", <i>Academy of Management Proceedings</i> , Atlanta, Georgia, United States, 04-08 August 2017, (ISBN: 0065-0668,2151-6561).
JIANG Na	#JIANG Na, TAN Chee-Wee, WANG Weiquan, LIU Hefu, GU Jibao, "Understanding Cooperative Learning in Context-Aware Recommender Systems: A User-System Interaction Perspective", <i>38th International Conference on Information Systems (ICIS 2017) - Transforming Society with Digital Innovation</i> , COEX, Convention and Exhibition Center, Seoul, Korea, Republic of, 10-13 December 2017, pp 4059-4069, (ISBN: 9781510853690).
	#XIONG Bingqing, #JIANG Na, #FU Mengyao, YAO JIAN, TAN Chee-Wee, LIM Eric T.K., WANG Weiquan, GU Jianfeng, "Come Rain and Shine? Exploring the Effects of Mobile Weather Applications on Users' Movements", <i>PACIS 2018 Proceedings</i> , Yokohama Royal Park Hotel, Yokohama, Japan, 26-30 June 2018.
LI Weixun	#LI Weixun, LEUNG Chung Man Alvin, YUE Wei Thoo, "The Trilogy of Security: IT Investment, Data Breaches, and Security Vigilance", <i>The Sixteenth Workshop on e-Business (WeB 2017)</i> , Seoul National University, Seoul, Korea, Republic of, 10-10 December 2017.
LIU Yan	#CHEN Yuan, #LIU Yan, #WANG Puxi, LIAO Shaoyi Stephen, MA Xiaobin, "Deep Learning on Abnormal Chromosome Segments: An Intelligent Copy Number Variants Detection System Design", <i>11th International Conference on Information Resources Management, Conf-IRM 2018</i> , University of Nottingham Ningbo China, Ningbo, China, 04-06 June 2018.
LUO Xuechen	#LUO Xuechen, GE Ling, "Racial/Ethnic Discrimination in Crowdfunding: Evidence from Kiva", <i>Twenty-Second Pacific Asia Conference on Information Systems</i> , Yokohama Royal Park Hotel, Yokohama, Japan, 26-30 June 2018, pp 3763-3770.
WANG Guan	#WANG Guan, SUH Ayoung, "Disorder or driver?: The effects of Nomophobia on work-related outcomes in organizations", <i>CHI 2018 - Proceedings of the 2018 CHI Conference on Human Factors in Computing Systems</i> , (ISBN: 978-1-4503-5620-6).
WANG Puxi	#CHEN Yuan, #LIU Yan, #WANG Puxi, LIAO Shaoyi Stephen, MA Xiaobin, "Deep Learning on Abnormal Chromosome Segments: An Intelligent Copy Number Variants Detection System Design", <i>11th International Conference on Information Resources Management, Conf-IRM 2018</i> , University of Nottingham Ningbo China, Ningbo, China, 04-06 June 2018.
WU Manli	#WU Manli, WANG Chuang, ZHAO J Leon, LIANG Liang, "Distraction or not? Investigating the relationship between mobile social network engagement and task performance", <i>2017 International Conference on Research and Innovation in Information Systems (ICRIIS)</i> , Langkawi, Kedah, Malaysia, 16-17 July 2017, (ISBN: 9781509030354).
	#ZHANG Qiang, #WU Manli, ZHAO J Leon, LIANG Liang, "Lenders' Perceived Risk in Online P2P Lending: the Elaboration Likelihood Model Perspective", <i>22nd Pacific Asia Conference on Information Systems (PACIS 2018)</i> , Yokohama Royal Park Hotel, Yokohama, Japan, 26-30 June 2018.
XIONG Bingqing	#XIONG Bingqing, TAN Chee-Wee, WANG Weiquan, LIM Eric T.K., ZHAO Zheng, YU Yugang, "Resolving the Innovation Diffusion Paradox in Mobile App Stores: A Brand Equity Perspective", <i>The 16th Annual Pre-ICIS Workshop on HCI Research in MIS (Pre-ICIS HCI/MIS 2017)</i> , COEX, Seoul, Korea, Republic of, 10-10 December 2017.
	#XIONG Bingqing, #JIANG Na, #FU Mengyao, YAO JIAN, TAN Chee-Wee, LIM Eric T.K., WANG Weiquan, GU Jianfeng, "Come Rain and Shine? Exploring the Effects of Mobile Weather Applications on Users' Movements", <i>PACIS 2018 Proceedings</i> , Yokohama Royal Park Hotel, Yokohama, Japan, 26-30 June 2018.
XU Ruiyun	#XU Ruiyun, CHEN Hailiang, ZHAO J Leon, "Predicting Corporate Venture Capital Investment", <i>38th International Conference on Information Systems (ICIS 2017) - Transforming Society with Digital Innovation</i> , COEX, Convention and Exhibition Center, Seoul, Korea, Republic of, 10-13 December 2017, pp 5841-5849, (ISBN: 9781510853690).
	#XU Ruiyun, CHEN Hailiang, ZHAO J Leon, "A Fast and Comprehensive Literature Search Tool for Information Systems Researchers", <i>38th International Conference on Information Systems (ICIS 2017) - Transforming Society with Digital Innovation</i> , COEX, Convention and

Section A: Publications of PhD Students

	Exhibition Center, Seoul, Korea, Republic of, 10-13 December 2017, pp 4210-4217, (ISBN: 9781510853690).
YUAN Ziqing	#YUAN Ziqing, CHEN Hailiang, SIA Choon Ling, "Mobile Initiative and Firm Equity Value: An Event Study", <i>38th International Conference on Information Systems (ICIS 2017) - Transforming Society with Digital Innovation</i> , COEX, Convention and Exhibition Center, Seoul, Korea, Republic of, 10-13 December 2017, pp 445-456, (ISBN: 9781510853690).
	#YUAN Ziqing, CHEN Hailiang, SIA Choon Ling, "Mobile Initiative and Firm Equity Value", <i>21st Pacific Asia Conference on Information Systems (PACIS 2017) - Societal Transformation Through IS/IT</i> , Meritus Pelangi Beach Resort & Spa, Langkawi, Malaysia, 16-20 July 2017.
	#YUAN Ziqing, CHEN Hailiang, "The Relationship between Mobile Web and Mobile App Channels for Retailers", <i>The 12th China Summer Workshop on Information Management (CSWIM 2018)</i> , Qingdao, China, 23-24 June 2018.
	#YUAN Ziqing, CHEN Hailiang, SIA Choon Ling, "Mobile Initiative and Firm Equity Value", <i>Conference on Information Systems and Technology (CIST 2017)</i> , Houston, United States, 21-22 October 2017.
	#YUAN Ziqing, CHEN Hailiang, "The Relationship between Mobile Web and Mobile App Channels for Retailers", <i>22nd Pacific Asia Conference on Information Systems (PACIS 2018)</i> , Yokohama Royal Park Hotel, Yokohama, Japan, 26-30 June 2018, pp 2533-2540.
ZHANG Jingzhi	#ZHANG Jingzhi, KHANSA Lara, WANG Weiquan, KIM Sung S., "ACTUAL PRIVACY SELF-DISCLOSURE ON ONLINE SOCIAL NETWORK SITES: REFLECTIVE-IMPULSIVE MODEL", <i>European Conference on Information Systems 2018</i> , University of Portsmouth, Portsmouth, United Kingdom, 23-28 June 2018.
	#ZHANG Jingzhi, WANG Weiquan, "Effects of Impulse and Habit on Privacy Disclosure in Social Networking Sites: Moderating Role of Privacy Self-Efficacy", <i>22nd Pacific Asia Conference on Information Systems (PACIS 2018)</i> , Yokohama Royal Park Hotel, Yokohama, Japan, 26-30 June 2018, pp 2109-2116.
ZHANG Qiang	#ZHANG Qiang, #WU Manli, ZHAO J Leon, LIANG Liang, "Lenders' Perceived Risk in Online P2P Lending: the Elaboration Likelihood Model Perspective", <i>22nd Pacific Asia Conference on Information Systems (PACIS 2018)</i> , Yokohama Royal Park Hotel, Yokohama, Japan, 26-30 June 2018.
ZHANG Xiaojie	#ZHANG Xiaojie, FANG Yulin, HE Wei, ZHANG Yixiang, QURESHI Israr, LIU Xinmei, "Openness and Knowledge Co-creation on Wikis: The Moderating Role of Psychological Safety", <i>Academy of Management Proceedings</i> , Atlanta, Georgia, United States, 04-08 August 2017, (ISBN: 0065-0668,2151-6561).
ZHAO Hongying	#ZHAO Hongying, CAI Xiaofang, WAGNER Christian, "Exploring User Motivations to Knowledge Contribution at the Creation Stage of Online Communities", <i>22nd Pacific Asia Conference on Information Systems (PACIS 2018)</i> , Yokohama Royal Park Hotel, Yokohama, Japan, 26-30 June 2018.
ZHAO Pengfei	#ZHOU Jingmei, FANG Yulin, #ZHAO Pengfei, "Understanding IT Alignment Paradox: A Three-Way Interaction of Intellectual Alignment, Social Alignment, and Environmental Dynamism", <i>38th International Conference on Information Systems (ICIS 2017) - Transforming Society with Digital Innovation</i> , COEX, Convention and Exhibition Center, Seoul, Korea, Republic of, 10-13 December 2017, pp 625-641, (ISBN: 9781510853690).
ZHOU Jingmei	#ZHOU Jingmei, FANG Yulin, #ZHAO Pengfei, "Understanding IT Alignment Paradox: A Three-Way Interaction of Intellectual Alignment, Social Alignment, and Environmental Dynamism", <i>38th International Conference on Information Systems (ICIS 2017) - Transforming Society with Digital Innovation</i> , COEX, Convention and Exhibition Center, Seoul, Korea, Republic of, 10-13 December 2017, pp 625-641, (ISBN: 9781510853690).
ZOU Haiyun	#ZOU Haiyun, FANG Yulin, SUN Heshan, LIM Kai Hin, "Engaging in Technology Extra-Role Behavior in a Human-IT Relationship: A Psychological Ownership Perspective", <i>38th International Conference on Information Systems (ICIS 2017) - Transforming Society with Digital Innovation</i> , COEX, Convention and Exhibition Center, Seoul, Korea, Republic of, 10-13 December 2017, pp 3510-3522, (ISBN: 9781510853690).

Section A: Publications of PhD Students

All other outputs	
BIAN Yiyang	#BIAN Yiyang, <i>Business Impacts of Frontier Information Technologies: The Cases of Cloud Computing and Usage Based Insurance</i> , PhD Thesis, Department of Information Systems, City University of Hong Kong, Hong Kong, PRC, 25 January 2018.
HULL David Michael	#HULL David Michael, <i>The Role of User Motivation in Blended Learning for Graduate Management Education</i> , PhD Thesis, Department of Information Systems, City University of Hong Kong, Hong Kong, PRC, 07 November 2017.
LIU Yang	#LIU Yang, <i>The Research on Joint Effect of Online Reviews and Sales Volume in New E-Commerce Context</i> , PhD Thesis, Department of Information Systems, City University of Hong Kong, Hong Kong, PRC, 04 May 2018.
PRAMANIK Md Ileas	#PRAMANIK Md Ileas, <i>A Study on Data Privacy and Data Security in the Context of Large-Scale Data Analytics</i> , PhD Thesis, Department of Information Systems, City University of Hong Kong, Hong Kong, PRC, 01 December 2017.
SCHUETZ Sebastian Walter	#SCHUETZ Sebastian Walter, <i>Fear and Beyond: Advancing Behavioral Interventions in Organizational Information Security Research</i> , PhD Thesis, Department of Information Systems, City University of Hong Kong, Hong Kong, PRC, 16 August 2017.
WONG Hong Ming Louie	#WONG Hong Ming Louie, <i>Demystifying and Solving the Knowledge Sharing Problems in a Regional Operations Division of a Global Courier and Delivery Services Firm: An Action Research Approach</i> , PhD Thesis, Department of Information Systems, City University of Hong Kong, Hong Kong, PRC, 18 May 2018.
WU Sisi	#WU Sisi, <i>Exploring Bubble Informatics: Representation and Identification of Stock Bubble</i> , PhD Thesis, Department of Information Systems, Department of Information Systems, City University of Hong Kong, Hong Kong, PRC, 21 March 2018.
ZHANG Qi	#ZHANG Qi, <i>Link Prediction in Academic Cooperation Networks</i> , PhD Thesis, Department of Information Systems, City University of Hong Kong, Hong Kong, PRC, 16 April 2018.
ZOU Haiyun	#ZOU Haiyun, <i>Engaging in Technology Extra-Role Behavior in a Human-IT Relationship: A Psychological Ownership Perspective</i> , PhD Thesis, Department of Information Systems, City University of Hong Kong, Hong Kong, PRC, 11 June 2018.
DEPARTMENT OF MANAGEMENT	
Scholarly books, monographs and chapters	
UGWUANYI Ijeoma Priscilla	ONWUEGBUZIE Henrietta, #UGWUANYI Ijeoma Priscilla, "Experiential Learning Methods for Teaching Entrepreneurship with a Sustainability Mindset", <i>Developing a Sustainability Mindset in Management Education</i> , Edition 1st Edition, Kassel Kerul and Rimanoczy Isabel (eds), Routledge , ISBN: 9781351063333,9781351063340,9781783537273,9781783538171, London, 17 April 2018, pp 161-185.
Conference papers	
UGWUANYI Ijeoma Priscilla	KIM Kyoung Yong, ATWATER Leanne, LATHEEF Zahir, ZHENG Dianhan, #UGWUANYI Ijeoma Priscilla, "Subordinates attributed motives of abusive supervision mitigates its negative effects", <i>33rd Annual Conference of the Society for Industrial and Organizational Psychology (SIOP 2018)</i> , Sheraton Grand Chicago, Chicago, United States, 19-21 April 2018.
All other outputs	
KALININA Alexandra	#KALININA Alexandra, <i>Partner Selection in Public-Private Partnership and Its Influence on Project Success</i> , PhD Thesis, Department of Management, City University of Hong Kong, Hong Kong, PRC, 01 November 2017.
DEPARTMENT OF MANAGEMENT SCIENCES	
Scholarly books, monographs and chapters	
WANG Chao	DU Jiangze, WANG Jying-Nan, KEUNG LAI Kin, #WANG Chao, <i>Chinese currency exchange rates analysis - Risk management, forecasting and hedging strategies</i> , Taylor and Francis, ISBN: 9781138041264,9781315172217,9781351697194, London , 05 September 2017, 110 p.
Journal publications	
CHEN Wenhao	#CHEN Wenhao, LAI Kin Keung, CAI Yi, "Topic generation for Chinese stocks: a cognitively motivated topic modeling method using social media data", <i>Quantitative Finance and Economics</i> , 2(2), 19 April 2018, pp 279-293, doi: https://doi.org/10.3934/QFE.2018.2.279 .

Section A: Publications of PhD Students

FU Yelin	PENG Cheng, WU Xunbo, #FU Yelin, LAI Kin Keung, "Alternative approaches to constructing composite indicators: an application to construct a Sustainable Energy Index for APEC economies", <i>Operational Research</i> , 17(3), October 2017, pp 747-759, doi: https://doi.org/10.1007/s12351-016-0235-z .
HUANG Weixiang	ZHOU Wenhui, #HUANG Weixiang, ZHOU Sean X., "Energy Performance Contracting in a Competitive Environment", <i>Decision Sciences</i> , 48(4), August 2017, pp 723-765, doi: https://doi.org/10.1111/deci.12239 .
LIU Xing	ZHU Han, CHEN Youhua Frank, LEUNG Eman, #LIU Xing, "Outpatient appointment scheduling with unpunctual patients", <i>International Journal of Production Research</i> , 56(5), 16 August 2017, pp 1982-2002, doi: https://doi.org/10.1080/00207543.2017.1355574 .
MAO Huiqiang	MIAO Zhaowei, #MAO Huiqiang, FU Ke, WANG Yu, "Remanufacturing with trade-ins under carbon regulations", <i>Computers and Operations Research</i> , 89, January 2018, pp 253-268, doi: https://doi.org/10.1016/j.cor.2016.03.014 .
SHEN Haihui	#SHEN Haihui, HONG Jeff, ZHANG Xiaowei, "Enhancing stochastic kriging for queueing simulation with stylized models", <i>IIE Transactions</i> , 18 April 2018, pp 1-16, doi: https://doi.org/10.1080/24725854.2018.1465242 .
SHI Juan	#SHI Juan, LAI Kin Keung, HU Ping, CHEN Gang, "Understanding and predicting individual retweeting behavior: Receiver perspectives", <i>Applied Soft Computing</i> , 60, 05 September 2017, pp 844-857, doi: https://doi.org/10.1016/j.asoc.2017.08.044 .
	#SHI Juan, HU Ping, LAI Kin Keung, CHEN Gang, "Determinants of users' information dissemination behavior on social networking sites: An elaboration likelihood model perspective", <i>Internet Research</i> , 28(2), 2018, pp 393-418, doi: https://doi.org/10.1108/IntR-01-2017-0038 .
	#SHI Juan, LAI Kin Keung, HU Ping, CHEN Gang, "Factors dominating individual information disseminating behavior on social networking sites", <i>Information Technology and Management</i> , 19(2), June 2018, pp 121-139, doi: https://doi.org/10.1007/s10799-017-0278-8 .
WANG Ningning	汪传雷, 万一荻, 秦琴, #WANG Ningning, "基于区块链的供应链物流信息生态圈模型", <i>情报理论与实践</i> , 40(7), July 2017, pp 115-121, doi: https://doi.org/10.16353/j.cnki.1000-7490.2017.07.021 .
WANG Ruibing	#WANG Ruibing, GOU Qinglong, CHOI Tsan-Ming, LIANG Liang, "Advertising Strategies for Mobile Platforms with 'Apps'", <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 48(5), May 2018, pp 767-778, doi: https://doi.org/10.1109/TSMC.2016.2616369 .
WEI Yunjie	SUN Shaolong, WANG Shouyang, #WEI Yunjie, ZHANG Guowei, "A Clustering-Based Nonlinear Ensemble Approach for Exchange Rates Forecasting", <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 19 February 2018, doi: https://doi.org/10.1109/TSMC.2018.2799869 .
	#WEI Yunjie, WEI Qi, WANG Shouyang, LAI Kin Keung, "A Hybrid Approach for Studying the Lead-Lag Relationships Between China's Onshore and Offshore Exchange Rates Considering the Impact of Extreme Events", <i>Journal of Systems Science and Complexity</i> , 31(3), 29 November 2017, pp 734-749, doi: https://doi.org/10.1007/s11424-017-6281-7 .
	SUN Shaolong, QIAO Han, #WEI Yunjie, WANG Shouyang, "A new dynamic integrated approach for wind speed forecasting", <i>Applied Energy</i> , 197, 01 July 2017, pp 151-162, doi: https://doi.org/10.1016/j.apenergy.2017.04.008 .
	GAN Kai, SUN Shaolong, WANG Shouyang, #WEI Yunjie, "A secondary-decomposition-ensemble learning paradigm for forecasting PM _{2.5} concentration", <i>Atmospheric Pollution Research</i> , 28 March 2018, doi: https://doi.org/10.1016/j.apr.2018.03.008 .
ZHANG Kun	CHENG Li-Juan, #ZHANG Kun, "Reflecting Diffusion Processes on Manifolds Carrying Geometric Flow", <i>Journal of Theoretical Probability</i> , 30(4), December 2017, pp 1334-1368, doi: https://doi.org/10.1007/s10959-016-0678-4 .
ZHANG Tao	#ZHANG Tao, LI Gang, LAI Kin Keung, LEUNG Wai Keung John, "Information disclosure strategies for the intermediary and competitive sellers", <i>European Journal of Operational Research</i> , 271(3), 28 June 2018, pp 1156-1173, doi: https://doi.org/10.1016/j.ejor.2018.06.037 .

Section A: Publications of PhD Students

Conference papers	
CHEN Wenhao	#CHEN Wenhao, CAI Yi, LAI Kin Keung, YAO Li, ZHANG Jun, LI Jingjing, JIA Xingdong, "WeiboFinder: A topic-based Chinese word finding and learning system", <i>Advances in Web-Based Learning – ICWL 2017 - 16th International Conference, Cape Town, South Africa, September 20-22, 2017, Proceedings</i> , Cape Town, South Africa, 20-22 September 2017, pp 33-42, (ISBN: 978-3-319-66732-4,978-3-319-66733-1).
SHEN Haihui	#SHEN Haihui, HONG Jeff, ZHANG Xiaowei, "Ranking and selection with covariates", <i>2017 Winter Simulation Conference (WSC)</i> , Las Vegas, United States, 03-06 December 2017, pp 2137-2148, (ISBN: 9781538634288).
WANG Shiyu	#WANG Shiyu, LIU Guangwu, #ZHANG Kun, "A MISSPECIFICATION TEST FOR SIMULATION METAMODELS", <i>2017 Winter Simulation Conference (WSC)</i> , Las Vegas, United States, 03-06 December 2017, pp 1938-1949, (ISBN: 9781538634288).
	#ZHANG Kun, LIU Guangwu, #WANG Shiyu, "PORTFOLIO RISK MEASUREMENT VIA STOCHASTIC MESH", <i>2017 Winter Simulation Conference (WSC)</i> , Las Vegas, United States, 03-06 December 2017, pp 1796-1807, (ISBN: 9781538634288).
ZHANG Kun	#WANG Shiyu, LIU Guangwu, #ZHANG Kun, "A MISSPECIFICATION TEST FOR SIMULATION METAMODELS", <i>2017 Winter Simulation Conference (WSC)</i> , Las Vegas, United States, 03-06 December 2017, pp 1938-1949, (ISBN: 9781538634288).
	#ZHANG Kun, LIU Guangwu, #WANG Shiyu, "PORTFOLIO RISK MEASUREMENT VIA STOCHASTIC MESH", <i>2017 Winter Simulation Conference (WSC)</i> , Las Vegas, United States, 03-06 December 2017, pp 1796-1807, (ISBN: 9781538634288).
ZHONG Ying	#ZHONG Ying, HONG Jeff, "A new framework of designing sequential ranking-and-selection procedures", <i>Proceedings of the 2017 Winter Simulation Conference (WSC)</i> , Las Vegas, United States, 03-06 December 2017, pp 2237-2244, (ISBN: 978-1-5386-3428-8).
All other outputs	
BAO Lina	#BAO Lina, <i>Inventory Management with Multiple Demand Classes and Pricing</i> , PhD Thesis, Department of Management Sciences, City University of Hong Kong, Hong Kong, PRC, 01 December 2017.
FU Yelin	#FU Yelin, <i>A Study on Robust Decision Making Under Uncertainty</i> , PhD Thesis, Department of Management Sciences, City University of Hong Kong, Hong Kong, PRC, 04 July 2017.
HUANG Weixiang	#HUANG Weixiang, <i>Essays on the Interface Between Operations, Finance and Marketing</i> , PhD Thesis, Department of Management Sciences, City University of Hong Kong, Hong Kong, PRC, 10 January 2018.
LIU Tian	#LIU Tian, <i>Optimization of Order Picking and Transportation in E-commerce</i> , PhD Thesis, Department of Management Sciences, City University of Hong Kong, Hong Kong, PRC, 31 August 2017.
LIU Xing	#LIU Xing, <i>Healthcare Resources Scheduling with Uncertainties and Constraints</i> , PhD Thesis, Department of Management Sciences, City University of Hong Kong, Hong Kong, PRC, 28 December 2017.
SHEN Haihui	#SHEN Haihui, Best Student Paper Competition Second-Place Prize, Best Student Paper Competition, The Ninth POMS-HK International Conference, Hong Kong, 06 January 2018.
	#SHEN Haihui, <i>Essays in Simulation Modeling and Optimization</i> , PhD Thesis, Department of Management Sciences, City University of Hong Kong, Hong Kong, PRC, 11 June 2018.
SHI Juan	#SHI Juan, <i>A Study on Individual Information Disseminating Behavior on Social Networking Sites (SNS)</i> , PhD Thesis, Department of Management Sciences, City University of Hong Kong, Hong Kong, PRC, 11 June 2018.
SUN Kuan	#SUN Kuan, <i>Simulation Methods for Options Hedging</i> , PhD Thesis, Department of Management Sciences, City University of Hong Kong, Hong Kong, PRC, 16 November 2017.
WEI Yunjie	#WEI Yunjie, <i>A New Methodology for Exchange Rate Forecasting</i> , PhD Thesis, Department of Management Sciences, City University of Hong Kong, Hong Kong, PRC, 10 November 2017.
XUE Li	#XUE Li, <i>Pickup and Delivery Problem with Loading Cost</i> , PhD Thesis, Department of Management Sciences, City University of Hong Kong, Hong Kong, PRC, 10 October 2017.
ZHANG Kun	#ZHANG Kun, <i>Essays on Portfolio Risk Measurement</i> , PhD Thesis, Department of Management Sciences, City University of Hong Kong, Hong Kong, PRC, 16 November 2017.

Section A: Publications of PhD Students

ZHENG Rui	#ZHENG Rui, <i>Impact of Social Networks on Consumers' Purchase Decisions and Firms' Operational Strategies</i> , PhD Thesis, Department of Management Sciences, City University of Hong Kong, Hong Kong, PRC, 08 February 2018.
ZHU Han	#ZHU Han, <i>Essays on Operations Management: Information Disclosure and Inventory Control</i> , PhD Thesis, Department of Management Sciences, City University of Hong Kong, Hong Kong, PRC, 18 July 2017.
DEPARTMENT OF MARKETING	
Journal publications	
WANG Linlin	#WANG Linlin, JIANG Wan, "How CEO underpayment influences strategic change: the equity perspective", <i>Management Decision</i> , 55(10), 2017, pp 2277-2292, doi: https://doi.org/10.1108/MD-03-2017-0240 .
	#WANG Linlin, JIANG Wan, LIU Zhiying, MA Xifang, "Shared leadership and team effectiveness: The examination of LMX differentiation and servant leadership on the emergence and consequences of shared leadership", <i>Human Performance</i> , 30(4), 2017, pp 155-168, doi: https://doi.org/10.1080/08959285.2017.1345909 .
WANG Qingtao	QIAN Gongming, LIU Bin, #WANG Qingtao, "Government subsidies, state ownership, regulatory infrastructure, and the import of strategic resources: Evidence from China", <i>Multinational Business Review</i> , 08 March 2018, doi: https://doi.org/10.1108/MBR-10-2017-0080 .
ZHENG Sijing	#ZHENG Sijing, HUI Siu Fu, YANG Zhilin, "Hospital trust or doctor trust?: A fuzzy analysis of trust in the health care setting", <i>Journal of Business Research</i> , 78, September 2017, pp 217-225, doi: https://doi.org/10.1016/j.jbusres.2016.12.017 .
ZHU Nibing	JIANG Ling, #ZHU Nibing, YANG Zhilin, XU Shen, JUN Minjoon, "The relationships between distance factors and international collaborative research outcomes: A bibliometric examination", <i>Journal of Informetrics</i> , 12(3), 15 June 2018, pp 618-630, doi: https://doi.org/10.1016/j.joi.2018.04.004 .
Conference papers	
FU Ruchunyi	#FU Ruchunyi, YANG Haibin, "A Change of Tack: The Role of Star Inventors on Organizational Repositioning", <i>Academy of Management Proceedings</i> , Atlanta, United States, 04-08 August 2017, (ISBN: 2151-6561).
JI Li	#JI Li, ZHENG Xu, "Matching Governance Mechanisms with Regional Clustering: A Network Perspective", 2017 JMS 中国营销科学学术年会暨博士生论坛, Jinan University, Guangzhou, China, 10-12 November 2017.
WANG Qingtao	#WANG Qingtao, FANG Rongjuan, TONG Xingwei, "股指期货对股票市场波动性影响的实证研究", 第三届全国财经高校暨第二届两岸四地研究生审计论坛 The Second Cross-strait Postgraduate Audit Forum, Nanjing, Nanjing, China, 17-18 November 2017.
	#WANG Qingtao, LI Juan Julie, "Spark Green Innovation: The Driving Forces and Boundary Conditions", 第十四届中国营销科学学术年会 2017 Annual Conference of Journal of Marketing Science, 暨南大学, Guangzhou, China, 09-12 November 2017.
	#WANG Qingtao, "Getting government subsidy: the roles of executives' political background and ownership", 首届中国计量经济学者论坛 2017 The First China Econometrics Forum, Xiamen University, Xiamen, China, 29-30 December 2017.
All other outputs	
LOU Jingxian	#LOU Jingxian, <i>To Donate or Not to Donate? Evidence from Chinese Firm's Corporate Giving to Earthquake Relief</i> , PhD Thesis, Department of Marketing, Department of Marketing, City University of Hong Kong, Hong Kong, PRC, 13 February 2018.
WANG Peng	#WANG Peng, Outstanding Graduate Student Cadre, Xi'an Jiaotong University, December 2017.
ZHANG Ting	#ZHANG Ting, <i>Marketing Strategies in Dual-channel Supply Chain</i> , PhD Thesis, Department of Marketing, City University of Hong Kong, Hong Kong, PRC, 31 August 2017.

College of Liberal Arts and Social Sciences	
DEPARTMENT OF ASIAN AND INTERNATIONAL STUDIES	
Scholarly books, monographs and chapters	
KOSSA Martin	# <u>KOSSA Martin</u> , "South Korea and the Arctic region", <i>Arctic Summer College Yearbook - An Interdisciplinary Look into Arctic Sustainable Development</i> , Gruenig Max, O'Donnell Brendan and Riedel Arne (eds), Springer International Publishing AG, ISBN: 978-3-319-66458-3, 978-3-319-66459-0, 11 October 2017, pp 73-92.
Journal publications	
LEE Bernice Clara	# <u>LEE Bernice Clara</u> , "Material Realities: Why Indonesian Deforestation Persists and Conservation Fails", <i>Journal of Contemporary Asia</i> , 48(3), 24 November 2017, pp 419-444, doi: https://doi.org/10.1080/00472336.2017.1402204 .
NEUSIEDL Christoph Andreas	# <u>NEUSIEDL Christoph Andreas</u> , "The deep marketisation of development in Bangladesh", <i>Third World Quarterly</i> , 38(7), 03 July 2017, pp 1639-1654, doi: https://doi.org/10.1080/01436597.2016.1229567 .
SUORSA Olli Pekka	# <u>SUORSA Olli Pekka</u> , <u>THOMPSON Mark Richard</u> , "Choosing Sides? Illiberalism and Hedging in the Philippines and Thailand", <i>Panorama: Insights into Asian and European Affairs</i> , (02/2017), 24 April 2018, pp 63-76.
YEW Wei Lit	# <u>YEW Wei Lit</u> , "Disembedding lawful activism in contemporary China: The confrontational politics of a green NGO's legal mobilization", <i>China Information</i> , 32(2), 04 December 2017, pp 224-243, doi: https://doi.org/10.1177/0920203X17744545 .
Conference papers	
NEUSIEDL Christoph Andreas	# <u>NEUSIEDL Christoph Andreas</u> , "The Deep Marketisation of Education: A Post-Development Perspective", <i>Workshop of Project "Leverage and Marketisation: The Diffusion of the Neoliberal Development Agenda from North to South and Back Again"</i> , Scuola Normale Superiore, Florence, Italy, 26-27 October 2017.
REYES Danilo Andres	# <u>REYES Danilo Andres</u> , "Impunity for State violence: Legitimizing mass violence under the Arroyo and Aquino presidencies", <i>12th Singapore Graduate Forum on Southeast Asian Studies</i> , National University of Singapore (NUS), Singapore, 26-28 July 2017.
All other outputs	
CARLEVAN Romain Francois-Noel	# <u>CARLEVAN Romain Francois-Noel</u> , <i>Dynasties and Democracy in Contemporary India: An Empirical Study (1952-2015)</i> , PhD Thesis, Department of Asian and International Studies, City University of Hong Kong, Hong Kong, PRC, 05 June 2018.
ENGLUND Johan Otto	# <u>ENGLUND Johan Otto</u> , "China's Hardened Stance on Hong Kong and Taiwan", Dark days are ahead for Hong Kong and Taiwan as Beijing's hardline strategy continues., <i>The Diplomat</i> , 04 April 2018.
KARAS Ewelina	# <u>KARAS Ewelina</u> , <i>Asymmetric Mobilization in Comparative Perspective Rethinking Regime Transitions from Communism</i> , PhD Thesis, Department of Asian and International Studies, City University of Hong Kong, Hong Kong, PRC, 22 June 2018.
KOSSA Martin	# <u>KOSSA Martin</u> , (Book / Software Review) " <i>China in the Era of Xi Jinping: Domestic and Foreign Policy Challenges</i> ", <i>Asian Politics and Policy</i> , 9(3), 10 July 2017, pp 493-495, doi: https://doi.org/10.1111/aspp.12335 .
LEE Bernice Clara	# <u>LEE Bernice Clara</u> , <i>Common Sense Versus Good Sense: A Critical Analysis of Forest Conservation and Deforestation in Indonesia</i> , PhD Thesis, Department of Asian and International Studies, City University of Hong Kong, Hong Kong, PRC, 13 March 2018.
NEUSIEDL Christoph Andreas	# <u>NEUSIEDL Christoph Andreas</u> , "The Neoliberalisation of Education and its alternatives", Article published on the current state of the Indian education sector and the problems and issues associated with its neoliberalisation; look at alternatives to 'mainstream education' by drawing on a project in Delhi I have visited for my PhD research. The entire article is based on parts of my field research in India., 16 January 2018. # <u>NEUSIEDL Christoph Andreas</u> , (Book / Software Review) "Book Review: Making Peace with the Earth", <i>Alternate Routes: A Journal of Critical Social Research</i> , 11 August 2017.
REYES Danilo Andres	# <u>REYES Danilo Andres</u> , Research Fellowship 2018, Korea Democracy Foundation (KDF), Korea Democracy Foundation (KDF), 28 May 2018. # <u>REYES Danilo Andres</u> , Diversity List 2018, The Zubin Foundation, 20 March 2018.

Section A: Publications of PhD Students

DEPARTMENT OF CHINESE AND HISTORY	
Scholarly books, monographs and chapters	
HUANG Zhan	#HUANG Zhan, "〈《尚書校釋譯論》管窺〉讀後感言", <i>單周堯教授七秩壽慶論文集</i> , 招祥麒, 李雄溪, 許子濱 and 郭鵬飛 (eds), 萬卷樓, ISBN: 9789864780990, 臺北市, November 2017, pp 495-497.
	#HUANG Zhan, "〈金滕〉字詞考釋及「周公居東」故事的再探討", <i>單周堯教授七秩壽慶論文集</i> , 招祥麒, 李雄溪, 許子濱 and 郭鵬飛 (eds), 萬卷樓, ISBN: 9789864780990, 臺北市, November 2017, pp 307-328.
LAM Ho Yin	YUAN Fibi Wing Yam, #LAM Ho Yin, #WONG Lok Yee Lorraine, <i>投考公務員題解 EASY PASS - 中文運用</i> , Edition 第二版, 文化會社有限公司, ISBN: 9789887809111, 香港, January 2018.
	LEE Shu Kam, LAW Yuk-fan Debbie, #LAM Ho Yin, #WONG Lok Yee Lorraine, <i>宗教與香港 - 從融合到融洽</i> , 香港樹仁大學商業、經濟及公共政策研究中心, 香港, July 2017.
TSANG Hon Tong	#TSANG Hon Tong, "從《論語集注補正述疏》看簡朝亮的經權思想", <i>單周堯教授七秩壽慶論文集</i> , 招祥麒, 李雄溪, 許子濱 and 郭鵬飛 (eds), 萬卷樓, ISBN: 9789864780990, 臺北市, November 2017, pp 155-172.
WONG Lok Yee Lorraine	YUAN Fibi Wing Yam, #LAM Ho Yin, #WONG Lok Yee Lorraine, <i>投考公務員題解 EASY PASS - 中文運用</i> , Edition 第二版, 文化會社有限公司, ISBN: 9789887809111, 香港, January 2018.
	LEE Shu Kam, LAW Yuk-fan Debbie, #LAM Ho Yin, #WONG Lok Yee Lorraine, <i>宗教與香港 - 從融合到融洽</i> , 香港樹仁大學商業、經濟及公共政策研究中心, 香港, July 2017.
YU Wenhan	#YU Wenhan, "風景是怎樣煉成的 - 當城市詩不再為題材詩", <i>文史長河的初渡 - 年輕學人集</i> , 吳耀宗 and 林學忠 (eds), 匯智出版有限公司, ISBN: 9789887840237, September 2017, pp 273-290.
Journal publications	
CHEN Ying	#CHEN Ying, "20 世纪 30 年代的民国儿童电影教育探析", <i>当代电影</i> , (5), May 2018, pp 89-95.
DONG Xianliang	#DONG Xianliang, "衰老的想像: 記《男生》的二十一歲", <i>文化研究季刊</i> , (161), March 2018, pp 60-64.
HUANG Zhan	#HUANG Zhan, "段玉裁顧廣圻論爭始末重探", <i>中國文化研究所學報</i> , (66), January 2018, pp 159-177.
	#HUANG Zhan, "〈《尚書校釋譯論》管窺〉讀後感言", <i>國文天地</i> , (391), December 2017, pp 105-107.
	#HUANG Zhan, "譜系重建與論學困境: 陳澧的調和論及其義理思想再探討", <i>饒宗頤國學院院刊</i> , 5, May 2018, pp 315-343.
TSANG Hon Tong	#TSANG Hon Tong, "陳伯陶《孝經說》思想三題", <i>國文天地</i> , 33(10 (總 394)), 01 March 2018, pp 35-38.
WANG Jing	LI Chunling, #WANG Jing, "古代汉语兼词之定位研究述略", <i>青海师范大学学报 (哲学社会科学版)</i> , 39(6), November 2017, pp 128-133.
	#WANG Jing, "徐渭入幕时期的心态新探", <i>文史知识</i> , 2018 年(5), May 2018, pp 43-47.
XU Quan	CHAN Hok Yin, #XU Quan, "章太炎對聯省自治運動的貢獻", <i>漢學研究</i> , 36(1), March 2018, pp 241-280.

Section A: Publications of PhD Students

YU Wenhan	#YU Wenhan, "廖伟棠诗的“地理”与“身份”论", <i>诗探索</i> , 9 (理论卷)(1), March 2018, pp 132-147.
	#YU Wenhan, "中国新诗的“代际”书写及其存在的问题", <i>诗探索</i> , 7 (理论卷)(3), 30 September 2017, pp 14-24.
Conference papers	
DONG Xianliang	#DONG Xianliang, "狂奴亦人豪: 论缪希雍《神农本草经疏》与“尊经复古”之关系", <i>9th Meeting of International Society for the History of Medicine</i> , Peking University, Beijing, China, 06-11 September 2017.
	#DONG Xianliang, "Cold War Influenza: The Discourse of Hong Kong Flu and Its Global Controversy, 1968-1972", <i>The 1st Joint Postgraduate Conference 第一屆聯校研究生研討會</i> , Integrated Human Sciences Program for Cultural Diversity, The University of Tokyo, Department of Chinese and History, City University of Hong Kong, City University of Hong Kong, Hong Kong, 23 February 2018.
	#DONG Xianliang, "冷戰背景下的香港流感, 1968-1972", <i>第六屆香港城市大學-復旦大學-京都大學東亞人文研究生研討會</i> , Kyoto University, Kyoto, Japan, 18-21 March 2018.
	#DONG Xianliang, "Hideo Fukumi and Medical Transformation in Post-war Japan", <i>2018 成功大學歷史學系-香港城市大學中文及歷史學系研究生論文交流研討會</i> , 國立成功大學, 台南, Taiwan, 25 May 2018.
HUANG Zhan	#HUANG Zhan, "簡本、傳世本〈金滕〉校釋: 兼論經典文本的流變與「合理化」", <i>第十三屆青年經學學術研討會</i> , National Kaohsiung Normal University, Kaohsiung, Taiwan, 28 October 2017.
	#HUANG Zhan, "作為範式的創作精神: 袁枚文論框架下的「六經皆文」觀", <i>The Sixth Joint-Workshop on East Asia Studies : Fudan University - City University of Hong Kong - Kyoto University (第六回京都大學·復旦大學·香港城市大學: 東アジア人文研究學生討論會)</i> , Kyoto University, Kyoto, Japan, 18-19 March 2018.
	#HUANG Zhan, "陳澧、康有為的子學研究與「論學術源流」的學術史意義: 兼談錢穆治學的一種方法", <i>二十一世紀的明清研究: 新視角、新發現、新領域國際學術研討會 International Conference on The Ming and Qing in the 21st Century: New Discoveries, New Perspectives, and New Horizons</i> , The University of Hong Kong, Hong Kong, 20-21 October 2017.
	#HUANG Zhan, "作為根柢與入門的知識: 張之洞的「中學為體」與近代儒學轉型", <i>第二屆澳門大學研究生歷史學論壇</i> , 澳門大學, Macao, 26-27 May 2018.
	#HUANG Zhan, "戊戌前後的儒學分歧和保教思想: 以張之洞、皮錫瑞、康有為為中心", <i>湖南省第十屆研究生創新論壇國學論壇分論壇暨湖南大學岳麓書院全國高校國學論壇</i> , Hunan University, Changsha, China, 13-14 October 2017.
	#HUANG Zhan, "繼承·尊親·絕嗣: 西漢哀、平二朝的禮儀與權鬥", <i>The 1st Joint Postgraduate Conference 第一屆聯校研究生研討會</i> , Integrated Human Sciences Program for Cultural Diversity, The University of Tokyo, Department of Chinese and History, City University of Hong Kong, City University of Hong Kong, Hong Kong, 23 February 2018.
LAM Ho Yin	#LAM Ho Yin, "夏宋中期戰爭與西夏後勤制度發展關係", <i>第二屆中華文化人文發展國際學術研討會論文集</i> , 香港珠海學院中國文學及歷史研究所, 香港珠海學院, Hong Kong, 13-13 May 2017, pp 867-881, (ISBN: 978-988-78584-0-9).

Section A: Publications of PhD Students

	<p>#LAM Ho Yin, "新中國海軍前期發展與戰略特點 (1949-1979)", 第三屆中華文化人文發展國際學術研討會 3rd International Academic Conference on the Development of Chinese Culture and Humanities, 香港珠海學院, Hong Kong, 21 April 2018.</p> <p>#LAM Ho Yin, "論西夏軍事法制沿革", <i>The Sixth Joint-Workshop on East Asia Studies : Fudan University - City University of Hong Kong - Kyoto University (第六回京都大学・復旦大学・香港城市大学: 東アジア人文研究学生討論会)</i>, Kyoto University, Kyoto, Japan, 18-19 March 2018.</p>
WEI Yi	<p>#WEI Yi, "《文心》再探: 以〈辨騷〉篇之「四同四異」說為例", <i>The Sixth Joint-Workshop on East Asia Studies : Fudan University - City University of Hong Kong - Kyoto University (第六回京都大学・復旦大学・香港城市大学: 東アジア人文研究学生討論会)</i>, Kyoto University, Kyoto, Japan, 18-19 March 2018.</p>
ZHANG Zhixiang	<p>#ZHANG Zhixiang, "收編與反收編: 南來學者與殖民政府關於成立中文大學的分歧 (1957-1963)", <i>The 1st Joint Postgraduate Conference 第一屆聯校研究生研討會</i>, Integrated Human Sciences Program for Cultural Diversity, The University of Tokyo, Department of Chinese and History, City University of Hong Kong, City University of Hong Kong, Hong Kong, 23 February 2018.</p> <p>#ZHANG Zhixiang, "收編與反收編: 南來學者與殖民政府關於成立「中文大學」的分歧 (1957-1963)", <i>The Sixth Joint-Workshop on East Asia Studies : Fudan University - City University of Hong Kong - Kyoto University (第六回京都大学・復旦大学・香港城市大学: 東アジア人文研究学生討論会)</i>, Kyoto University, Kyoto, Japan, 18-19 March 2018.</p> <p>CHAN Hok Yin, #ZHANG Zhixiang, "De-politicized Political Manipulation: Hong Kong Education Policies and Objectives During the Cold War", <i>Reframing East Asian History during the Cold War: Thoughts, Research, and Ideologies</i>, Northeast Asian History Foundation, Seoul, Korea, Republic of, 20-21 November 2017.</p>
Creative and literary works, consulting reports and case studies	
DONG Xianliang	<p>#DONG Xianliang, "集體的安魂曲?", <i>香·天 Requiem HK</i>, Kwai Tsing Theatre, Hong Kong, 13-15 April 2018.</p> <p>#DONG Xianliang, "舊物重生 - 跨越古今的衣冠冢", <i>香·天 Requiem HK</i>, Kwai Tsing Theatre, Hong Kong, 13-15 April 2018.</p>
All other outputs	
DONG Xianliang	<p>#DONG Xianliang, (Book / Software Review) "跨界舞台作品《香·天》", <i>劇誌</i>, (22), June 2018, pp 28-29.</p>
DEPARTMENT OF ENGLISH	
Journal publications	
LAM Ka Yan	<p>#LAM Ka Yan, "More Than a Historical Novel: Women, History, and Metafiction in Enchi Fumiko's <i>Namamiko Monogatari</i>", <i>IAFOR Journal of Literature and Librarianship</i>, 6(1), 30 November 2017, pp 27-39.</p>
WU Junjie	<p>#WU Junjie, "Teacher's Presence in Synchronous Mobile Chats in a Chinese University", <i>Journal of Asia TEFL</i>, 14(4), 31 December 2017, pp 778-783, doi: https://doi.org/10.18823/asiatefl.2017.14.4.13.778.</p> <p>#WU Junjie, "Mobile Collaborative Learning in a Chinese Tertiary EFL Context", <i>TESL-EJ</i>, 22(2).</p> <p>#WU Junjie, "Anti-plagiarism and L2 students' online writing", <i>TESOL Journal</i>, 9(2), 23 March 2018, pp 393-396, doi: https://doi.org/10.1002/tesj.369.</p> <p>#WU Junjie, 黃晴, "基于语料库的香港高校商务英语课程介绍的研究", <i>东莞理工学院学报</i>, 25(2), April 2018, pp 78-82.</p>

Section A: Publications of PhD Students

	#WU Junjie, "高校英语教师对课堂口语修正式反馈的认知对比研究", <i>重庆第二师范学院学报</i> , 30(6), November 2017, pp 99-102.
Conference papers	
CHAN Hon Tung	KWAN Becky, #CHAN Hon Tung, "Presenting the direction of a study in research articles: Would the paradigm and the section matter?", <i>International Conference on ESP, new technologies and digital learning</i> , The Hong Kong Polytechnic University, Hong Kong, 07-09 December 2017.
WU Junjie	#WU Junjie, MILLER Lindsay, "Raising Native Cultural Awareness Through WeChat", <i>International Conference on ESP, new technologies and digital learning</i> , The Hong Kong Polytechnic University, Hong Kong, 07-09 December 2017. #WU Junjie, "Experience with Mobile-assisted Language Learning (MALL): what's the story from the learners' side?", <i>16th Asia TEFL, 1st MAAL & 6th HAAL 2018 International Conference</i> , University of Macau, Macao, 27-29 June 2018.
YAO Yao	#YAO Yao, "English as a Lingua Franca in Mainland China: An Analysis of Intercultural Business Communicative Competence (IBCC)", <i>Proceedings of the 82nd Annual Conference of the Association for Business Communication</i> , Dublin, Ireland, 18-21 October 2017, (ISBN: 2472-0658).
YU Tsui Ying Cindy	#YU Tsui Ying Cindy, "Is Online Review an Emerging Genre? The Case of CouchSurfing References", <i>16th Asia TEFL, 1st MAAL & 6th HAAL 2018 International Conference</i> , University of Macau, Macao, 27-29 June 2018. #YU Tsui Ying Cindy, "Workplace Language Socialization of Engineers in Hong Kong: an activity theory perspective", <i>16th Asia TEFL, 1st MAAL & 6th HAAL 2018 International Conference</i> , University of Macau, Macao, 27-29 June 2018.
All other outputs	
CHAN Hon Tung	#CHAN Hon Tung, (Book / Software Review) "Ilka Flöck, <i>Requests in American and British English: A contrastive multi-method analysis</i> . Amsterdam: John Benjamins, 2016. Pp. xvi, 264. Hb.", <i>Language in Society</i> , 46(5), November 2017, pp 750-751, doi: https://doi.org/10.1017/S0047404517000768 .
LIN Yuting	#LIN Yuting, <i>Representation of Occupational Incidents in the Corporate Social Responsibility Reports of Chinese State-owned Enterprises: A Discourse Analysis</i> , PhD Thesis, Department of English, City University of Hong Kong, Hong Kong, PRC, 09 August 2017. #LIN Yuting, (Book / Software Review) "Book review: Ruth Wodak and Michael Meyer (eds), <i>Methods of Critical Discourse Studies</i> ", <i>Discourse Studies</i> , 20(1), 01 February 2018, pp 190-192, doi: https://doi.org/10.1177/1461445617734348a . #LIN Yuting, (Book / Software Review) "Book Review: Organizational Discourse: Communication and Constitution, by François Cooren", <i>International Journal of Business Communication</i> , 54(3), July 2017, pp 337-338, doi: https://doi.org/10.1177/2329488417707030 .
WANG Kaixi	#WANG Kaixi, (Book / Software Review) "Queer Women in Urban China: An Ethnography", <i>Gender and Language</i> , 11(3), September 2017, pp 446-449, doi: https://doi.org/10.1558/genl.33326 .
WU Junjie	#WU Junjie, Richard Pemberton Award for Postgraduate Student Travel, Hong Kong Association for Applied Linguistics (HAAL), 2018. #WU Junjie, HAAL Postgraduate Student Grant for Overseas Conference Presentation, Hong Kong Association for Applied Linguistics (HAAL), 2018.
YAO Yao	#YAO Yao, Winner of Best Paper for Proceedings : English as a Lingua Franca in Mainland China: An Analysis of Intercultural Business Communicative Competence (IBCC), 82nd Annual International Conference, Association for Business Communication, Association for Business Communication (ABC), Iceland, 18 October 2017.
DEPARTMENT OF LINGUISTICS AND TRANSLATION	
Scholarly books, monographs and chapters	
CAO Yixin	#CAO Yixin, "Crowdsourcing translation in contemporary China - Theories and practices", <i>The Human Factor in Machine Translation</i> , CHAN Sin-wai (ed), Routledge, ISBN: 9781138551213, 9781315147536, 9781351376242, London, 03 May 2018, pp 236-254.

Section A: Publications of PhD Students

Journal publications	
CAO Yixin	# CAO Yixin , "网络时代字幕翻译研究方法:现状、反思与展望", <i>上海翻译</i> , (5), 2017, pp 27-31.
WONG Tak Sum	# WONG Tak Sum , LEE John Sie Yuen , "Vernacularization in Medieval Chinese: A quantitative study on classifiers, demonstratives, and copulae in the Chinese Buddhist Canon", <i>Digital Scholarship in the Humanities</i> , 25 June 2018, doi: https://doi.org/10.1093/llc/fqy012 .
Conference papers	
HUA Congchao	# HUA Congchao , LI Bin , "Perceptions & Applications of Native speaker norms by learners in two EFL contexts", <i>The 16th Asia TEFL 1st MAAL & 6th HAAL 2018</i> , University of Macau, Macau, Macao, 27-29 June 2018.
LI Bing	# LI Bing , LIU Meichun , HUANG Hsu Wen , YANG Xiran , "An empirical study of verbal semantics in Chinese: evidence from behavioral and neuropsychological approaches", <i>The 26th Annual Conference of International Association of Chinese Linguistics (IACL-26) & The 20th International Conference on Chinese Language and Culture (ICCLC-20)</i> , University of Wisconsin-Madison, Madison, United States, 04-06 May 2018.
	LEE John Sie Yuen , LIU Meichun , LAM Chun Yin , LAU Tak On , # LI Bing , # LI Keying , "Automatic Difficulty Assessment for Chinese Texts", <i>The 8th International Joint Conference on Natural Language Processing (IJCNLP 2017)</i> , Taipei Nangang Exhibition Hall, Taipei, Taiwan, 27 November - 01 December 2017.
LI Keying	LEE John Sie Yuen , LIU Meichun , LAM Chun Yin , LAU Tak On , # LI Bing , # LI Keying , "Automatic Difficulty Assessment for Chinese Texts", <i>The 8th International Joint Conference on Natural Language Processing (IJCNLP 2017)</i> , Taipei Nangang Exhibition Hall, Taipei, Taiwan, 27 November - 01 December 2017.
	LEE John Sie Yuen , # LI Keying , LEUNG Herman H. , "L1-L2 Parallel Dependency Treebank as Learner Corpus", <i>IWPT 2017 : 15th International Conference on Parsing Technologies - Proceedings of the Conference</i> , Pisa, Italy, 20-22 September 2017, pp 44-49, (ISBN: 9781945626739).
	# LI Keying , LEE John Sie Yuen , "L1-L2 Parallel Treebank of Learner Chinese: Overused and Underused Syntactic Structures", <i>Eleventh International Conference on Language Resources and Evaluation (LREC 2018)</i> , Phoenix Seagaia Conference Center, Miyazaki, Japan, 07-12 May 2018.
LIN Wei	# LIN Wei , FANG Chengyu Alex , "The Control Potential of Verbs and Verb Complement Types: An Empirical Study", <i>The 5th combined conference for the Applied Linguistics Association of New Zealand (ALANZ), Applied Linguistics Association of Australia (ALAA) and Association of Language Testing and Assessment of Australia and New Zealand (ALTAANZ)</i> , University of Technology (AUT), Auckland, New Zealand, 27-29 November 2017.
TAO Guoxiao	# TAO Guoxiao , FANG Chengyu Alex , "A Developmental Study of Prepositional Phrases in English L1 Students' Academic Writing", <i>Proceedings of Corpus Linguistics in China 2018</i> , Huazhong University of Science and Technology, Wuhan, 2-3 June 2018.
WAN Mingyu	# WAN Mingyu , LIU Meichun , "Supervised Word Sense Disambiguation with Frame-based Constructional features: the case of polysemous emotion verbs", <i>19th Chinese Lexical Semantics Workshop (CLSW 2018)</i> , National Chung Cheng University, Chiayi, Taiwan, 26-28 May 2018.
WANG Zhong	# WANG Zhong , FANG Chengyu Alex , "A Corpus-Based Study on Degrees of Givenness and Given-before-New Information Order in it-Extraposition and Non-Extraposition of English Academic and Creative Writing", <i>Proceedings of Corpus Linguistics in China 2018</i> , Huazhong University of Science and Technology, Wuhan, 2-3 June 2018, Huazhong University of Science and Technology, Wuhan, China, 01-03 June 2018.
WONG Tak Sum	# WONG Tak Sum , GERDES Kim , LEUNG Herman H. , LEE John Sie Yuen , "Quantitative Comparative Syntax on the Cantonese-Mandarin Parallel Dependency Treebank", <i>Proceedings of the Fourth International Conference on Dependency Linguistics (Depling 2017)</i> , University of Pisa, Pisa, Italy, 18-20 September 2017, pp 266-275, (ISBN: 978-91-7685-467-9).

Section A: Publications of PhD Students

	#WONG Tak Sum, LEE John Sie Yuen, "Register-sensitive Translation: A Case Study of Mandarin and Cantonese", <i>Proceedings of the 13th Conference of the Association for Machine Translation in the Americas 2018</i> , Aloft Boston Seaport, Boston, MA, United States, 17-21 March 2018, pp 89-96.
	#WONG Tak Sum, LEE John Sie Yuen, "國粵平行依存樹庫為本之量化研究", 第二十二屆國際粵方言研討會 <i>The 22nd International Conference on Yue Dialects</i> , The Education University of Hong Kong, Hong Kong, 08-09 December 2017.
XUE Wenting	#XUE Wenting, LIU Meichun, "Chinese Complement Coercion: Evidence from real-time sentence processing", <i>The 26th Annual Conference of International Association of Chinese Linguistics (IACL-26) & The 20th International Conference on Chinese Language and Culture (ICCLC-20)</i> , University of Wisconsin-Madison, Madison, United States, 04-06 May 2018.
YE Yingying	LIU Meichun, #YE Yingying, "The Prenominal Construction: A corpus-based study of Mandarin head-final noun phrases", <i>The 26th Annual Conference of International Association of Chinese Linguistics (IACL-26) & The 20th International Conference on Chinese Language and Culture (ICCLC-20)</i> , University of Wisconsin-Madison, Madison, United States, 04-06 May 2018.
YEUNG Chak Yan	LEE John Sie Yuen, #YEUNG Chak Yan, "Automatic prediction of vocabulary knowledge for learners of Chinese as a foreign language", <i>2nd International Conference on Natural Language and Speech Processing, ICNLSP 2018</i> , Algiers, Algeria, 25-26 April 2018, (ISBN: 978-1-5386-4543-7).
	#YEUNG Chak Yan, LEE John Sie Yuen, "Identifying Speakers and Listeners of Quoted Speech in Literary Works", <i>The 8th International Joint Conference on Natural Language Processing (IJCNLP 2017)</i> , Taipei Nangang Exhibition Hall, Taipei, Taiwan, 27 November - 01 December 2017.
ZHONG Qian	LEI Wenqiang, XIANG Yuanxin, WANG Yuwei, #ZHONG Qian, LIU Meichun, KAN Min-Yen, "Linguistic Properties Matter for Implicit Discourse Relation Recognition: Combining Semantic Interaction, Topic Continuity and Attribution", <i>The Thirty-Second AAAI Conference on Artificial Intelligence (AAAI-18)</i> , Hilton New Orleans Riverside, New Orleans, United States, 02-07 February 2018, pp 4848-4855.
Creative and literary works, consulting reports and case studies	
CAO Yixin	BREATHNACH Sarah Ban, CHUNHUI MAO, #CAO Yixin, "简单富足 - 366 天生活美学日记", <i>简单富足 - 366 天生活美学日记</i> , Edition 修订升级版, 广西科学技术出版社, ISBN: 9787555108344, January 2018.
All other outputs	
HUA Congchao	#HUA Congchao, WEIHONG WANG, (Book / Software Review) "Book Review: More than Just Language Teaching: Ideologies in Language Textbooks", <i>Linguistics and Education</i> , 10 January 2018, doi: https://doi.org/10.1016/j.linged.2018.01.002 .
LIU Ying	#LIU Ying, <i>A Study of the Semantics of Mandarin Cleft Constructions and Their Exhaustivity</i> , PhD Thesis, Department of Linguistics and Translation, City University of Hong Kong, Hong Kong, PRC, 14 September 2017.
WAN Mingyu	#WAN Mingyu, <i>The Application of Fine-grained Syntactic Features to Automatic Genre Classification</i> , PhD Thesis, Department of Linguistics and Translation, City University of Hong Kong, Hong Kong, PRC, 29 August 2017.
WONG Tak Sum	#WONG Tak Sum, <i>Corpus-based Analysis of Mediæval Chinese Literature: Case Study on the Chinese Buddhist Canon</i> , PhD Thesis, Department of Linguistics and Translation, City University of Hong Kong, Hong Kong, PRC, 21 May 2018.
YEUNG Chak Yan	#YEUNG Chak Yan, <i>Using Syntactic Parse Patterns in Grammatical Error Detection</i> , PhD Thesis, Department of Linguistics and Translation, City University of Hong Kong, Hong Kong, PRC, 08 May 2018.
DEPARTMENT OF MEDIA AND COMMUNICATION	
Journal publications	
CHEN Hexin	ZHU Jian Hua Jonathan, #CHEN Hexin, PENG Taiquan, LIU Xiao Fan, DAI Haixing, "How to measure sessions of mobile phone use? Quantification, evaluation, and applications",

Section A: Publications of PhD Students

	<i>Mobile Media and Communication</i> , 6(2), 02 February 2018, pp 215-232, doi: https://doi.org/10.1177/2050157917748351 .
GUO Qin	GONG Wanqi, #GUO Qin, JIANG Li Crystal, "中国单身女性的困境: 多元交叉的社会压力和歧视: The Dilemma of Chinese Single Women: Understanding Oppression and Discrimination from an Intersectional Perspective", <i>浙江大学学报(人文社会科学版)</i> , 2018, pp 117-128.
KASADHA Juma	#KASADHA Juma, "Information technology to support digitally networked action in developing economies: A case of Nyanzi's #Pads4GirlsUg campaign", <i>Electronic Journal of Information Systems in Developing Countries</i> , 84(1), 21 December 2017, doi: https://doi.org/10.1002/isd2.12009 .
LIN Sixian	LIN Fen, #LIN Sixian, "香港青年的中國觀: 民族認同與學生運動", <i>二十一世纪 (Twenty-First Century)</i> , (164), December 2017, pp 66-86.
LIU Qian	#LIU Qian, YAO Mike Zhengyu, #YANG Ming, #TU Caixie, "Predicting users' privacy boundary management strategies on Facebook", <i>Chinese Journal of Communication</i> , 10(3), 2017, pp 295-311, doi: https://doi.org/10.1080/17544750.2017.1279675 .
LU Yin	SONG Yunya, #LU Yin, CHANG Tsan-Kuo, HUANG Yu, "Polls in an authoritarian space: reporting and representing public opinion in China", <i>Asian Journal of Communication</i> , 27(4), 04 July 2017, pp 339-356, doi: https://doi.org/10.1080/01292986.2016.1261362 .
MADRID MORALES Daniel	#MADRID MORALES Daniel, GORFINKEL Lauren, "Narratives of Contemporary Africa on China Global Television Network's Documentary Series Faces of Africa", <i>Journal of Asian and African Studies</i> , 53(6), 27 March 2018, pp 917-931, doi: https://doi.org/10.1177/0021909618762499 .
TU Caixie	#LIU Qian, YAO Mike Zhengyu, #YANG Ming, #TU Caixie, "Predicting users' privacy boundary management strategies on Facebook", <i>Chinese Journal of Communication</i> , 10(3), 2017, pp 295-311, doi: https://doi.org/10.1080/17544750.2017.1279675 .
WU Yi	SONG Yunya, #WU Yi, "Tracking the viral spread of incivility on social networking sites: The case of cursing in online discussions of Hong Kong–Mainland China conflict", <i>Communication and the Public</i> , 3(1), 2018, pp 46-61, doi: https://doi.org/10.1177/2057047318756408 .
XIA Chuanli	#XIA Chuanli, SHEN Fei, "Political Participation in Hong Kong: The Roles of News Media and Online Alternative Media", <i>International Journal of Communication</i> , 12, 2018, pp 1569-1590.
YANG Ming	#LIU Qian, YAO Mike Zhengyu, #YANG Ming, #TU Caixie, "Predicting users' privacy boundary management strategies on Facebook", <i>Chinese Journal of Communication</i> , 10(3), 2017, pp 295-311, doi: https://doi.org/10.1080/17544750.2017.1279675 .
ZENG Yuan	#ZENG Yuan, "Detached disseminator, populist watchdog and facilitative change agent: The professional role perception of foreign correspondents in China", <i>Journalism</i> , 19(9-10), 18 August 2017, pp 1397–1416, doi: https://doi.org/10.1177/1464884917724055 .
ZHANG Nan	#ZHANG Nan, SKORIC Marko, "Media use and environmental engagement: Examining differential gains from news media and social media", <i>International Journal of Communication</i> , 12, January 2018, pp 380-403.
ZHOU Yixin	ZHANG Zheng, ZHANG Xiaohan, #ZHOU Yixin, "朋友圈的炫耀性内容对个体消极情绪的影响: 嫉妒与消费水平的调节作用", <i>新闻界</i> , (10), October 2017, pp 64-72, doi: https://doi.org/10.15897/j.cnki.cn51-1046/g2.2017.10.009 .
ZHU Qinfeng	#ZHU Qinfeng, SKORIC Marko, PENG Tai-Quan, "Citizens' Use of the Internet and Public Service Delivery: A Longitudinal Study of the First-Level Administrative Divisions in China (1997-2014)", <i>International Journal of Public Administration in the Digital Age</i> , 5(3), pp 32-42, doi: https://doi.org/10.4018/IJPADA.2018070103 . SKORIC Marko, #ZHU Qinfeng, LIN Jih-Hsuan Tammy, "What Predicts Selective Avoidance on Social Media? A Study of Political Unfriending in Hong Kong and Taiwan", <i>American Behavioral Scientist</i> , 62(8), 19 March 2018, pp 1097-1115, doi: https://doi.org/10.1177/0002764218764251 .

Section A: Publications of PhD Students

Conference papers	
GUAN Lu	# <u>GUAN Lu</u> , # <u>ZHANG Yafei</u> , <u>ZHU Jian Hua Jonathan</u> , "Impact of Self-Interest, Peer Influence and Global Popularity on Blogging Activities", <i>68th Annual Conference of the International Communication Association</i> , Prague, Czech Republic, 24-28 May 2018.
GUO Qin	# <u>GUO Qin</u> , <u>JIANG Li Crystal</u> , "Assessment of parental responsiveness under Chinese culture", <i>68th Annual Conference of the International Communication Association</i> , Prague, Czech Republic, 24-28 May 2018.
LIN Sixian	<u>LIN Fen</u> , # <u>LIN Sixian</u> , "Being Chinese? National Identity and Student Movements in Hong Kong", <i>112th Annual Meeting of the American Sociological Association 2017</i> , Montreal, Canada, 12-15 August 2017.
	# <u>LIN Sixian</u> , <u>LIN Fen</u> , "Why Framing National Identity Fails: The Anti-Moral and National Education Movement in Hong Kong", <i>112th Annual Meeting of the American Sociological Association 2017</i> , Montreal, Canada, 12-15 August 2017.
MADRID MORALES Daniel	<u>KOBAYASHI Tetsuro</u> , <u>MIURA Asako</u> , # <u>MADRID MORALES Daniel</u> , <u>CAO Bolin</u> , "Why are Politically Active People Avoided in East Asia? A Cross-Regional Experiment", <i>68th Annual Conference of the International Communication Association</i> , Prague, Czech Republic, 24-28 May 2018.
SCHOSSBOECK Judith	# <u>SCHOSSBOECK Judith</u> , ""Not Lazy or Crazy": Conceptualising the Voices of People with Thyroid Disease on Social Media", <i>68th Annual Conference of the International Communication Association : Voices (ICA18)</i> , Hilton Prague Hotel, Prague, Czech Republic, 24-28 May 2018.
	# <u>SCHOSSBOECK Judith</u> , "Profile Pictures and Political Expression: The Perceived Effectiveness of Avatar Activism", <i>100th Annual Conference of Association for Education in Journalism and Mass Communication (AEJMC 2017)</i> , The Association for Education in Journalism and Mass Communication, Chicago, IL, United States, 09-12 August 2017.
SUN Mengru	# <u>SUN Mengru</u> , "GROUP PORTRAITS OF CHINESE PUBLISHERS: THE ANALYSIS OF SOCIOLOGICAL VARIABLES ON THE WINNERS OF CHINA TAOFEN PUBLISHING AWARD", <i>12th PhDStudent Workshop 2018 (Hefei)</i> , USTC, Hefei, China, 10-11 May 2018.
TSE Thomas Kin Yip	<u>HUANG Guanxiong</u> , # <u>TU Caixie</u> , # <u>TSE Thomas Kin Yip</u> , "Mapping Advertising Scholarship on China", <i>2018 ICA PostConference "Voices of Chinese Scholars over the Last 40 Years"</i> , <i>The Eighth Global Communication Forum</i> , Hilton Prague Hotel, Prague, Czech Republic, 29-29 May 2018.
TU Caixie	<u>HUANG Guanxiong</u> , # <u>TU Caixie</u> , # <u>TSE Thomas Kin Yip</u> , "Mapping Advertising Scholarship on China", <i>2018 ICA PostConference "Voices of Chinese Scholars over the Last 40 Years"</i> , <i>The Eighth Global Communication Forum</i> , Hilton Prague Hotel, Prague, Czech Republic, 29-29 May 2018.
WANG Xiaoting	# <u>WANG Xiaoting</u> , <u>KOBAYASHI Tetsuro</u> , "Gender Self-Stereotype in Gaming: The Effect of Avatar Appearance and Role", <i>International Communication Association Game Studies 2018 Pre-conference</i> , Břevnov Monastery, Prague, Czech Republic, 24 May 2018.
WU Yi	# <u>WU Yi</u> , <u>SHEN Fei</u> , "Public Opinion Polarization Within Population and Inter Groups: An Analysis of Hong Kong", <i>70th Annual Conference of World Association for Public Opinion Research (WAPOR)</i> , Lisbon, Portugal, 15-17 July 2017.
ZHANG Nan	# <u>ZHANG Nan</u> , <u>SKORIC Marko</u> , "Making the news: Environmental NGOs and media coverage in China", <i>Second Biennial Conference : Communication, Media, & Governance in the Age of Globalization</i> , The Convention Center of CUC, Beijing, China, 22-23 June 2018.
	# <u>ZHANG Nan</u> , <u>AI Minwei</u> , "Mobile Phone Use and Online Civic Engagement: An Empirical Study on University Students", <i>9th Postgraduate Student Symposium of the Chinese Journalism and Communication Consortium</i> , City University of Hong Kong, Hong Kong, 11 November 2017.
	# <u>ZHANG Nan</u> , "Environmental NGOs and Media Presence: Examining Chinese ENGOs' Social Media Use Strategies and Their Media Visibility", <i>68th Annual Conference of the International Communication Association</i> , Prague, Czech Republic, 24-28 May 2018.
	# <u>ZHANG Nan</u> , "Social media use and environmentalism in China: a study of Chinese environmental NGOs' Weibo use behavior", <i>8th Honours Symposium for Asian PhD students in Communication Research</i> , Nanyang Technological University, Singapore, 18-19 November 2017.

Section A: Publications of PhD Students

	#ZHANG Nan, Ai Minwei, "Social Media Use and Environmentalism in China: A Study of Chinese Environmental NGOs' Weibo Use Behavior", <i>68th Annual Conference of the International Communication Association</i> , Prague, Czech Republic, 24-28 May 2018.
ZHANG Yafei	#GUAN Lu, #ZHANG Yafei, ZHU Jian Hua Jonathan, "Impact of Self-Interest, Peer Influence and Global Popularity on Blogging Activities", <i>68th Annual Conference of the International Communication Association</i> , Prague, Czech Republic, 24-28 May 2018.
All other outputs	
MADRID MORALES Daniel	#MADRID MORALES Daniel, <i>African News with Chinese Characteristics: A Case Study of CGTN Africa</i> , PhD Thesis, Department of Media and Communication, City University of Hong Kong, Hong Kong, PRC, 15 June 2018.
SUN Mengru	WU Yun, #SUN Mengru, The history of ecology evolution and characteristics of contemporary national reading, outstanding paper, 2017 China Communication Forum, THE CHINESE ASSOCIATION FOR HISTORY OF JOURNALISM AND MASS COMMUNICATION, China, 12 November 2017.
TU Caixie	#TU Caixie, <i>An Examination of Young Undergraduates' Celebrity-related Media Use and Involvement with Celebrities</i> , PhD Thesis, Department of Media and Communication, City University of Hong Kong, Hong Kong, PRC, 12 January 2018.
ZENG Yuan	#ZENG Yuan, <i>Reporting China on the Rise: A Study on the Field of Foreign Correspondence in Contemporary China</i> , PhD Thesis, Department of Media and Communication, City University of Hong Kong, Hong Kong, PRC, 12 January 2018.
DEPARTMENT OF PUBLIC POLICY	
Scholarly books, monographs and chapters	
LI Yan	WANG Jun, #LI Yan, "Creativity and Chinese urbanism - the moral atmosphere of Lishui Barbizon", <i>Chinese Urbanism - Critical Perspectives</i> , Jayne Mark (ed), Routledge, ISBN: 9781138201712, 9781138201729, 9781315505848, 9781315505855, London, 01 May 2018, pp 208-219.
YUAN Dinghuan	#YUAN Dinghuan, YAU Yung, LI Ruoshi, "Urban Village Renewal in China - From state-led to self-organized land readjustment", <i>Urban Planning and Renewal</i> , Wolfe Maddison (ed), Nova Science Publishers, Inc., ISBN: 9781536124194, 9781536124255, 01 September 2017, pp 209-231.
Journal publications	
CARRARO Valentina	#CARRARO Valentina, WISSINK Bart, "Participation and marginality on the geoweb: The politics of non-mapping on OpenStreetMap Jerusalem", <i>Geoforum</i> , 90, 09 February 2018, pp 64-73, doi: https://doi.org/10.1016/j.geoforum.2018.02.001 .
CHAN Kwun Hong	WONG Yiu Chung, #CHAN Kwun Hong, "Civil disobedience movements in Hong Kong: a civil society perspective", <i>Asian Education and Development Studies</i> , 6(4), September 2017, pp 312-332, doi: https://doi.org/10.1108/AEDS-11-2015-0056 .
CHEN Wenna	HUANG Chen, CHEN Tao, YI Hongtao, XU Xiaolin, CHEN Shiyong, #CHEN Wenna, "Collaborative Environmental Governance, Inter-Agency Cooperation and Local Water Sustainability in China", <i>Sustainability</i> , 9(12), December 2017, pp 1-17, doi: https://doi.org/10.3390/su9122305 .
FU Yang	#ZHU Bin, #FU Yang, LIU Jinlin, MAO Ying, "Spatial distribution of 12 class B notifiable infectious diseases in China: A retrospective study", <i>PLoS One</i> , 13(4), 05 April 2018, doi: https://doi.org/10.1371/journal.pone.0195568 .
	#ZHU Bin, #FU Yang, LIU Jinlin, MAO Ying, "Notifiable sexually transmitted infections in China: Epidemiologic trends and spatial changing patterns", <i>Sustainability</i> , 9(10), 01 October 2017, doi: https://doi.org/10.3390/su9101784 .
	#YUAN Dinghuan, ZHANG Xiaoling, BAO Haijun, #FU Yang, "The self-employment of the industry choices of dispossessed farmers in China", <i>Journal of Rural Studies</i> , 55, 18 August 2017, pp 143-156, doi: https://doi.org/10.1016/j.jrurstud.2017.08.006 .
LIU Yongshen	#LIU Yongshen, CHEN nabo, "碎片化的城市社会与地方治理创新——以 A 市城管综合执法为例", <i>上海行政学院学报</i> , (4), 2018.
PANG Rui	ZHANG Xiaoling, SHI Minjun, LI Yuanjie, #PANG Rui, XIANG Nan, "Correlating PM _{2.5} concentrations with air pollutant emissions: A longitudinal study of the Beijing-Tianjin-

Section A: Publications of PhD Students

	Hebei region", <i>Journal of Cleaner Production</i> , 179, 11 January 2018, pp 103-113, doi: https://doi.org/10.1016/j.jclepro.2018.01.072 .
TAN Hongze	ORDERUD Geir Inge , VOGT Rolf David, # TAN Hongze , LUO Jing, "Interdisciplinary research and transdisciplinary processes for environmental management under different socio-natural conditions", <i>International Journal of Environmental Studies</i> , 08 January 2018, doi: https://doi.org/10.1080/00207233.2017.1406730 .
TU Wenyan	郭夏娟, # TU Wenyan , "女性是否比男性更清廉?: 基于中国公职人员腐败容忍度的分析", <i>妇女研究论丛</i> , 2017 年(4 (总 142)), July 2017, pp 5-16.
WU Jingxian	# WU Jingxian , MAO Ying, "Liberty in Health Care: A Comparative Study Between Hong Kong and Mainland China", <i>Journal of Medicine and Philosophy</i> , 42(6), 15 November 2017, pp 690-719, doi: https://doi.org/10.1093/jmp/jhx026 .
XIE Wenye	# XIE Wenye , "'医养结合"养老的家庭医生服务模式的伦理优势、问题分析与对策", <i>中国医学伦理学</i> , 31(4), 2018, pp 519-524.
	# XIE Wenye , "北京市居家养老服务政策: 挑战、伦理与建议", <i>中外医学哲学</i> , 15(2), 2017, pp 43-54.
YUAN Dinghuan	LIU Ting, YAU Yung , # YUAN Dinghuan , "Efficacy beliefs, sense of unfairness, and participation in LULU activism", <i>Cities</i> , 19 June 2018, doi: https://doi.org/10.1016/j.cities.2018.06.005 .
	# YUAN Dinghuan , YAU Yung , "Public Discourse in the Age of Microblogging: A Content Analysis of Tweets on Sina Weibo Before the Hangzhou G20 Summit", <i>Sociology International Journal</i> , 2(2), 24 April 2018, pp 120-133.
	# YUAN Dinghuan , ZHANG Xiaoling , BAO Haijun , # FU Yang , "The self-employment of the industry choices of dispossessed farmers in China", <i>Journal of Rural Studies</i> , 55, 18 August 2017, pp 143-156, doi: https://doi.org/10.1016/j.jrurstud.2017.08.006 .
ZHANG Yue	# ZHU Bin , HSIEH Chih Wei , # ZHANG Yue , "Incorporating Spatial Statistics into Examining Equity in Health Workforce Distribution: An Empirical Analysis in the Chinese Context", <i>International Journal of Environmental Research and Public Health</i> , 15(7), 22 June 2018, doi: https://doi.org/10.3390/ijerph15071309 .
ZHAO Lingling	# ZHAO Lingling , "Professionalization of Human Resource Management in China: A Comparison Study to Law and Accountancy", <i>Advances in Social Sciences Research Journal</i> , 5(6), 25 June 2018, pp 214-231, doi: https://doi.org/10.14738/assrj.56.4716 .
ZHU Bin	# ZHU Bin , HSIEH Chih Wei , # ZHANG Yue , "Incorporating Spatial Statistics into Examining Equity in Health Workforce Distribution: An Empirical Analysis in the Chinese Context", <i>International Journal of Environmental Research and Public Health</i> , 15(7), 22 June 2018, doi: https://doi.org/10.3390/ijerph15071309 .
	# ZHU Bin , MAO Ying, "中国 2005—2015 年典型法定报告肠道传染病流行趋势及时空集聚分析", <i>Chinese Journal of Public health</i> , 21 May 2018.
	# ZHU Bin , LIU Jinlin, MAO Ying, "中国典型法定报告传染病发病率空间关联性分析", <i>Chinese Journal of Public health</i> , 34(1), 17 July 2017, pp 4-8, doi: https://doi.org/10.11847/zgggws1114291 .
	# ZHU Bin , # FU Yang , LIU Jinlin, MAO Ying, "Spatial distribution of 12 class B notifiable infectious diseases in China: A retrospective study", <i>PLoS One</i> , 13(4), 05 April 2018, doi: https://doi.org/10.1371/journal.pone.0195568 .
	# ZHU Bin , LIU Jinlin, FU Yang, ZHANG Bo, MAO Ying, "Spatio-Temporal Epidemiology of Viral Hepatitis in China (2003–2015): Implications for Prevention and Control Policies", <i>International Journal of Environmental Research and Public Health</i> , 15(4), 02 April 2018, doi: https://doi.org/10.3390/ijerph15040661 .
	# ZHU Bin , # FU Yang , LIU Jinlin, MAO Ying, "Notifiable sexually transmitted infections in China: Epidemiologic trends and spatial changing patterns", <i>Sustainability</i> , 9(10), 01 October 2017, doi: https://doi.org/10.3390/su9101784 .

Section A: Publications of PhD Students

	# <u>ZHU Bin</u> , FU Yang, LIU Jinlin, MAO Ying, "Modeling the dynamics and spillovers of the health labor market: Evidence from China's provincial panel data", <i>Sustainability</i> , 10(2), 28 January 2018, doi: https://doi.org/10.3390/su10020333 .
	LIU Jinlin, # <u>ZHU Bin</u> , MAO Ying, "Association between rural clinical clerkship and medical students' intentions to choose rural medical work after graduation: A crosssectional study in western China", <i>PLoS One</i> , 13(4), 02 April 2018, doi: https://doi.org/10.1371/journal.pone.0195266 .
ZHU Zi	# <u>ZHU Zi</u> , "Backfired Government Action and the Spillover Effect of Contention: A Case Study of the Anti-PX Protests in Maoming, China", <i>Journal of Contemporary China</i> , 26(106), 04 July 2017, pp 521-535, doi: https://doi.org/10.1080/10670564.2017.1274817 .
Conference papers	
FONG Chi Wai Alex	<u>SUE-CHAN Christina</u> , # <u>FONG Chi Wai Alex</u> , "The Oneness of Social Entrepreneurship", <i>International Conference on Entrepreneurship and Family Business (ICEFB 2018)</i> , Institute of Technology Bombay, Mumbai, India, 08-10 January 2018.
HAZARIKA Natasha	# <u>HAZARIKA Natasha</u> , <u>ZHANG Xiaoling</u> , "Eco-Innovation: Perspectives from a Theoretical Approach and Policy Analysis", <i>10th International Conference on Climate Change: Impacts & Responses</i> , University of California at Berkeley, Berkeley, United States, 20-21 April 2018.
PARAS Arnil Tiotuico	<u>CHANDRA Yanto</u> , # <u>SHANG Liang</u> , # <u>PARAS Arnil Tiotuico</u> , "Unpacking the Antecedents of the Emergence of Social Entrepreneurship", <i>6th EMES International Research Conference on Social Enterprise</i> .
SHANG Liang	<u>CHANDRA Yanto</u> , # <u>SHANG Liang</u> , # <u>PARAS Arnil Tiotuico</u> , "Unpacking the Antecedents of the Emergence of Social Entrepreneurship", <i>6th EMES International Research Conference on Social Enterprise</i> .
	<u>CHANDRA Yanto</u> , # <u>SHANG Liang</u> , "Social Entrepreneurship as a New Institution for Wellbeing: A View from the HIV/AIDS Sector", <i>29th Annual Meeting of the International Association of Business and Society : "Making the Invisible Visible in Business and Society Research"</i> , YMCA Salisbury, Hong Kong, China, 06-10 June 2018.
TU Wenyan	郭夏娟, # <u>TU Wenyan</u> , "'十八大' 以来公职人员腐败容忍度变化: 基于 '制度反腐' 的分析", <i>中国廉政研究 2017 年学术年会暨天府廉政论坛首届学术研讨会</i> , 成都理工大学, 成都, China, 23-24 September 2017.
WANG Daan	# <u>WANG Daan</u> , # <u>YANG Litianqing</u> , "Collaborative Governance Research Published in SSCI Public Administration Journals: a Bibliometric Analysis", <i>International Workshop on Collaborative Intergovernmental Relationships</i> , City University of Hong Kong, Hong Kong, 22-23 June 2018.
XU Jingyuan	# <u>XU Jingyuan</u> , <u>WANG Xiaohu</u> , "Administrative Strategies and Budgetary Outcomes: An Analysis of Hong Kong Environmental Legislation and Spending", <i>22nd International Research Society for Public Management Annual Conference, IRSPM 2018</i> , University of Edinburgh, Edinburgh, United Kingdom, 11-13 April 2018.
YANG Litianqing	# <u>WANG Daan</u> , # <u>YANG Litianqing</u> , "Collaborative Governance Research Published in SSCI Public Administration Journals: a Bibliometric Analysis", <i>International Workshop on Collaborative Intergovernmental Relationships</i> , City University of Hong Kong, Hong Kong, 22-23 June 2018.
ZHAO Chenlin	# <u>ZHAO Chenlin</u> , <u>WANG Xiaohu</u> , "BUILDING NETWORK CAPACITY FOR JOINT ACTION: AN ANALYSIS ON PROCEDURAL AND INSTITUTIONAL FACTORS IN THE CHINESE CONTEXT", <i>2018 Global Chinese Urban Governance Conference 首届全球华人城市治理研讨会</i> , Shanghai Jiao Tong University, Shanghai, China, 11-12 June 2018.
All other outputs	
CHEN Shuo	# <u>CHEN Shuo</u> , <i>Political Meritocracy in China? An Empirical Analysis of County Cadre Selection</i> , PhD Thesis, Department of Public Policy, City University of Hong Kong, Hong Kong, PRC, 02 January 2018.
DING Tuo	# <u>DING Tuo</u> , <i>From Practitioners to Transfer Agents: How Policies of Contaminated Site Remediation are Mobilized by Environmental Consultants in Beijing</i> , PhD Thesis, Department of Public Policy, City University of Hong Kong, Hong Kong, PRC, 25 January 2018.

Section A: Publications of PhD Students

TAN Hongze	# <u>TAN Hongze</u> , <i>The Politics of Urban Cycling Mobility: An Analysis of the Social and Political Change in Hong Kong and Guangzhou</i> , PhD Thesis, Department of Public Policy, City University of Hong Kong, Hong Kong, PRC, 14 December 2017.
TRITTO Angela	# <u>TRITTO Angela</u> , <i>Environmental Policies, Strategies and Technologies in the Context of Heritage Tourism: A Comparative Case Study Analysis of Natural and Cultural World Heritage Sites in China and Malaysia</i> , PhD Thesis, Department of Public Policy, City University of Hong Kong, Hong Kong, PRC, 24 April 2018.
DEPARTMENT OF SOCIAL AND BEHAVIOURAL SCIENCES	
Scholarly books, monographs and chapters	
HE Yunbing	<u>CHAN King Chi Chris</u> , # <u>HE Yunbing</u> , "The transformation of employment relations in contemporary China", <i>The Routledge Companion to Employment Relations</i> , Colvin Alexander J.S., Donaghey Jimmy, Dundon Tony and Wilkinson Adrian (eds), Routledge, ISBN: 9781138911178,9781315692968,9781317434887, Abingdon, 14 May 2018, pp 402-417.
ZHANG Xiaoye	# <u>ZHANG Xiaoye</u> , "Prison Theatre as Method - Focused Ethnography and Auto-ethnography in a Chinese Prison", <i>Emerging Voices - Critical Social Research by European Group Postgraduate and Early Career Researchers</i> , Fletcher Samantha and White Holly (eds), EG Press, ISBN: 978-1-911439-09-7, London, July 2017, pp 295-306.
Journal publications	
ADJORLOLO Samuel	# <u>ADJORLOLO Samuel</u> , "Diagnostic Accuracy, Sensitivity, and Specificity of Executive Function Tests in Moderate Traumatic Brain Injury in Ghana", <i>Assessment</i> , 25(4), June 2018, pp 498-512, doi: https://doi.org/10.1177/1073191116646445 .
ASAMOAH Edward	<u>ADJORLOLO Samuel</u> , # <u>ASAMOAH Edward</u> , <u>ADU-POKU Sarah</u> , "Predicting delinquency by self-reported impulsivity in adolescents in Ghana", <i>Criminal Behaviour and Mental Health</i> , 28(3), 28 December 2017, pp 270-281, doi: https://doi.org/10.1002/cbm.2064 .
DONG Yang	<u>HUANG Jiawei</u> , # <u>DONG Yang</u> , <u>WANG Mo</u> , <u>CHEN Shanshan</u> , "国外课堂教学中匹配式教学风格作用机制探析: 基于自我决定论的阐释", <i>教育导刊</i> , (4), April 2018, pp 16-23, doi: https://doi.org/10.16215/j.cnki.cn44-1371/g4.2018.04.003 .
HU Jieyi	# <u>PAN Haimin</u> , <u>CHEUNG Chau Kiu Jacky</u> , # <u>HU Jieyi</u> , "Intimacy and Complicated Grief among Chinese Elders Having Lost their Spouses: Mediating Role of Meaning Making", <i>Journal of Loss and Trauma</i> , 23(3), 06 February 2018, pp 244-258, doi: https://doi.org/10.1080/15325024.2018.1435367 .
IP Priscilla Sei Yah	<u>WONG Fu Keung</u> , <u>NG Ting Kin</u> , # <u>IP Priscilla Sei Yah</u> , <u>CHUNG Mei Ling</u> , <u>CHOI Joe</u> , "Evaluating the Effectiveness of a Group CBT for Parents of ADHD Children", <i>Journal of Child and Family Studies</i> , 27(1), 01 September 2017, pp 227-239, doi: https://doi.org/10.1007/s10826-017-0868-4 .
	<u>WONG Fu Keung</u> , <u>CHAN Viola</u> , # <u>IP Priscilla Sei Yah</u> , <u>ZHUANG Xiaoyu</u> , "The Effects of Recovery-Oriented Cognitive-Behavior Approach for Chinese With Severe Mental Illness", <i>Research on Social Work Practice</i> , 13 October 2017, doi: https://doi.org/10.1177/1049731517732837 .
JIN Qiuping	<u>CHEUNG Wai Leung Raysen</u> , # <u>JIN Qiuping</u> , <u>CHEUNG Chau Kiu Jacky</u> , "Perceived Employability of Nonlocal Chinese University Students in Hong Kong: The Impact of Acculturative and Vocational Variables", <i>Journal of Career Assessment</i> , 26(1), February 2018, pp 137-153, doi: https://doi.org/10.1177/1069072716680045 .
KHIATANI Paul Vinod	<u>CHUI Wing Hong</u> , # <u>KHIATANI Paul Vinod</u> , "Mediating the Maltreatment-Delinquency Relationship: The Role of Triad Gang Membership", <i>Journal of Interpersonal Violence</i> , 23 February 2018, doi: https://doi.org/10.1177/0886260518760607 .
LEUNG Lap Kwan Cyrus	# <u>LEUNG Lap Kwan Cyrus</u> , <u>BENDER Michael</u> , <u>KWOK LAI Yuk Ching Sylvia</u> , "A Comparison of Positive Youth Development against Depression and Suicidal Ideation in Youth from Hong Kong and the Netherlands", <i>International Journal of Adolescent Medicine and Health</i> , 23 November 2017, doi: https://doi.org/10.1515/ijamh-2017-0105 .
LYU Yifan	<u>王柏生</u> , <u>宣家祺</u> , # <u>LYU Yifan</u> , "爆破振动对砖石古塔的动力影响测试分析", <i>低温建筑技术</i> , (3), 2018.

Section A: Publications of PhD Students

MA Zewei	<u>YE Shengquan</u> , NG Ting Kin, LU Erin Yiqing, # <u>MA Zewei</u> , "Chinese Proverb Scale: Development and validation of an indigenous measure of Chinese traditional values", <i>Asian Journal of Social Psychology</i> , 21(3), 30 April 2018, pp 156-177, doi: https://doi.org/10.1111/ajsp.12217 .
NING Xuan	<u>CHEUNG Chau Kiu Jacky</u> , <u>LOW Yiu Tsang Andrew</u> , # <u>NING Xuan</u> , "Marital Liberalization in Relation to Life Satisfaction", <i>Applied Research in Quality of Life</i> , 18 January 2018, doi: https://doi.org/10.1007/s11482-018-9593-4 .
PAN Haimin	# <u>PAN Haimin</u> , <u>WU Jingyi</u> , "Cognitive social capital and self-rated health: Different outcomes across elderly Chinese groups in rural areas", <i>International Social Work</i> , 29 May 2018, doi: https://doi.org/10.1177/0020872818776048 . # <u>PAN Haimin</u> , "Social capital and life satisfaction across older rural Chinese groups: Does age matter?", <i>Social Work</i> , 63(1), 16 November 2017, pp 75-82, doi: https://doi.org/10.1093/sw/swx051 . # <u>PAN Haimin</u> , <u>CHEUNG Chau Kiu Jacky</u> , # <u>HU Jieyi</u> , "Intimacy and Complicated Grief among Chinese Elders Having Lost their Spouses: Mediating Role of Meaning Making", <i>Journal of Loss and Trauma</i> , 23(3), 06 February 2018, pp 244-258, doi: https://doi.org/10.1080/15325024.2018.1435367 .
TAN Yaqian	<u>CAI Yan</u> , <u>刘翔平</u> , # <u>TAN Yaqian</u> , "汉语发展性阅读障碍儿童的形—音捆绑能力: 研究背景与现状", <i>中国特殊教育</i> , (9), September 2017, pp 50-55.
ZHOU Xiaoyu	<u>YEUNG Dannii</u> , # <u>ZHOU Xiaoyu</u> , "Planning for retirement: Longitudinal effect on retirement resources and post-retirement well-being", <i>Frontiers in Psychology</i> , 8(JUL), 27 July 2017, doi: https://doi.org/10.3389/fpsyg.2017.01300 .
Conference papers	
DAI Mengliang	# <u>DAI Mengliang</u> , <u>ZHONG Yueying Lena</u> , "Wrongful Convictions in China", <i>The International Workshop on Law Enforcement in China (Part II)</i> , City University of Hong Kong, Hong Kong, China, 20-20 December 2017. # <u>DAI Mengliang</u> , <u>ZHONG Yueying Lena</u> , "Wrongful Convictions in China", <i>The International Workshop on Law Enforcement in China (Part I)</i> , City University of Hong Kong, Hong Kong, China, 18 September 2017.
LO Siu Chung	# <u>LO Siu Chung</u> , <u>WONG Wing Kuen</u> , <u>LAW Yuen Sun</u> , <u>PANG Kin</u> , <u>JIN Xin</u> , <u>CHEN Shiqi</u> , "Effects of stress on second language speech performance in real and virtual public speaking environments", <i>Conference Proceedings - 7th Annual International Conference on Cognitive and Behavioral Psychology (CBP 2018)</i> , Hotel Fort Canning, Singapore, Singapore, 29-30 January 2018, pp 2-11, (ISBN: 2251-1865,2251-1881).
LUI Chit Ying Wendy	# <u>LUI Chit Ying Wendy</u> , <u>WONG Sing Wing Dennis</u> , "Retribution or Restoration: the Struggle in the Development of Restorative Justice Mediation in Hong Kong", <i>Abstracts of 2nd Biennial International Conference on Restorative Justice - Restorative Justice as a Bridge between Silk Road Civilizations</i> , Tarbiat Modares University, Tehran, Iran, Islamic Republic of, 03-05 May 2018, pp 129.
All other outputs	
DUAN Ran	# <u>DUAN Ran</u> , <i>In Search of Individual Aspiration in Post-socialist China: Employment Narratives of Young NGO Workers in Guangzhou</i> , PhD Thesis, Department of Social and Behavioural Sciences, City University of Hong Kong, Hong Kong, PRC, 14 July 2017.
EASON Michael Scott	# <u>EASON Michael Scott</u> , <i>An Exploratory Study of Psychotherapeutic Insight as It Emerges Both within A Counseling Conversation and Post-session</i> , PhD Thesis, Department of Social and Behavioural Sciences, City University of Hong Kong, Hong Kong, PRC, 03 August 2017.
HUI Yuk Ting Cora	# <u>HUI Yuk Ting Cora</u> , <i>Securitizing the Umbrella Movement: Audience Acceptance and Defiance</i> , PhD Thesis, Department of Social and Behavioural Sciences, City University of Hong Kong, Hong Kong, PRC, 12 January 2018.
JIN Qiuping	# <u>JIN Qiuping</u> , <i>Vocational Identity and Its Relationship with Subsequent Job Search: A Person-centered Approach for University Students in China</i> , PhD Thesis, Department of Social and Behavioural Sciences, City University of Hong Kong, Hong Kong, PRC, 15 January 2018.
KONG Yiu Wah	# <u>KONG Yiu Wah</u> , <i>Open Up the Vault of Black Box and Beyond: An Evaluative Study of Sports-based Life Skills Activities for Socially Vulnerable Youth: Implementation, Processes</i>

Section A: Publications of PhD Students

	<i>and Effectiveness</i> , PhD Thesis, Department of Social and Behavioural Sciences, City University of Hong Kong, Hong Kong, PRC, 14 December 2017.
LEUNG Kim Hung	#LEUNG Kim Hung, <i>Understanding Teachers' Emotion, Emotion Regulation, and Their Effects on Teacher Efficacy: A Real-world Enquiry of Secondary School Teachers in Hong Kong</i> , PhD Thesis, Department of Social and Behavioural Sciences, City University of Hong Kong, Hong Kong, PRC, 14 December 2017.
SO Chi Keung	#SO Chi Keung, <i>The Social Capital of Young Drug User-Dealers Amid the Changing Drug Market in Hong Kong</i> , PhD Thesis, Department of Social and Behavioural Sciences, City University of Hong Kong, Hong Kong, PRC, 21 December 2017.
College of Science and Engineering	
DEPARTMENT OF ARCHITECTURE AND CIVIL ENGINEERING	
Scholarly books, monographs and chapters	
OSHODI Olalekan Shamsideen	#OSHODI Olalekan Shamsideen, AIGBAVBOA Clinton, "Theoretical analysis of the metrics for measuring the sustainability of infrastructure projects", <i>Carbon Footprint and the Industrial Life Cycle</i> , Springer Verlag, Germany, July 2017, pp 325-337.
VILLANI Caterina	#VILLANI Caterina, "CBD - A NEW POROSITY", <i>Walkable Cities in High Density China - Livable, Healthy and Sustainable</i> , YUAN CRISIE (ed), Tongji University Press, ISBN: 9787560872155, 30 March 2018, pp 83-115.
XIAO Yingbo	XUE Qiuli Charlie, #XIAO Yingbo, "皇冠上的明珠 - "大剧院" 热", <i>21 世纪中国都市主义</i> , 李磷 and 薛求理 (eds), 中國建築工業出版社, ISBN: 978-7-112-19995-2, Beijing, July 2017, pp 32-51.
Journal publications	
ADEMILOYE Adesola Samson	#ADEMILOYE Adesola Samson, ZHANG L. W., LIEW Kim Meow, "A multiscale framework for large deformation modeling of RBC membranes", <i>Computer Methods in Applied Mechanics and Engineering</i> , 329, 13 October 2017, pp 144-167, doi: https://doi.org/10.1016/j.cma.2017.10.004 . #ADEMILOYE Adesola Samson, ZHANG L. W., LIEW Kim Meow, "Atomistic-continuum model for probing the biomechanical properties of human erythrocyte membrane under extreme conditions", <i>Computer Methods in Applied Mechanics and Engineering</i> , 325, 13 July 2017, pp 22-36, doi: https://doi.org/10.1016/j.cma.2017.06.033 .
AHMED Khursheed	LEUNG Mei Yung, #FAMAKIN Ibukun Oluwadara, #AHMED Khursheed, "Comparison of facilities management in private domestic buildings among different elderly groups in Hong Kong", <i>Facilities</i> , 36(7/8), May 2018, pp 386-402, doi: https://doi.org/10.1108/F-01-2017-0009 .
AKEJU Oluwatosin Victor	WANG Yu, #AKEJU Oluwatosin Victor, #ZHAO Tengyuan, "Interpolation of spatially varying but sparsely measured geo-data: A comparative study", <i>Engineering Geology</i> , 231, 26 October 2017, pp 200-217, doi: https://doi.org/10.1016/j.enggeo.2017.10.019 .
ALABI Stephen Adeyemi	HU Qin, LAM Heung Fai, ZHU Hong Ping, #ALABI Stephen Adeyemi, "Bayesian ballast damage detection utilizing a modified evolutionary algorithm", <i>Smart Structures and Systems</i> , 21(4), April 2018, pp 435-448, doi: https://doi.org/10.12989/sss.2018.21.4.435 .
CAO Yugui	WU Yufei, #CAO Yugui, "Effect of load path on behavior of FRP-Confined concrete", <i>Journal of Composites for Construction</i> , 21(4), 01 August 2017, doi: https://doi.org/10.1061/(ASCE)CC.1943-5614.0000799 .
CHEN Chun	#CHEN Chun, KUO Ta Fu Dave, "Bioconcentration model for non-ionic, polar, and ionizable organic compounds in amphipod", <i>Environmental Toxicology and Chemistry</i> , 37(5), 09 January 2018, pp 1378-1386, doi: https://doi.org/10.1002/etc.4081 .
CHEN Hainan	#KOLAR Zdenek, #CHEN Hainan, LUO Xiaowei, "Transfer learning and deep convolutional neural networks for safety guardrail detection in 2D images", <i>Automation in Construction</i> , 89, 22 February 2018, pp 58-70, doi: https://doi.org/10.1016/j.autcon.2018.01.003 . #ZHENG Zhuang, #CHEN Hainan, LUO Xiaowei, "A supervised event-based non-intrusive load monitoring for non-linear appliances", <i>Sustainability</i> , 10(4), 28 March 2018, doi: https://doi.org/10.3390/su10041001 .
CHEN Jianyong	#CHEN Jianyong, YU Pengfei, WANG Hailong, LIEW Kim Meow, SHEN Shengping, "An ABAQUS implementation of electrochemomechanical theory for mixed ionic electronic

Section A: Publications of PhD Students

	conductors", <i>Solid State Ionics</i> , 319, 04 February 2018, pp 34-45, doi: https://doi.org/10.1016/j.ssi.2018.01.043 .
CHEN Jie	ZHU Xiufang, ZHANG Junhua, ZHANG Wei, #CHEN Jie, "Vibration frequencies and energies of an auxetic honeycomb sandwich plate", <i>Mechanics of Advanced Materials and Structures</i> , 10 April 2018, pp 1-7, doi: https://doi.org/10.1080/15376494.2018.1455933 .
CHEN Juan	#CHEN Juan, MA Jian, LO Siu Ming, "Geometric constraint based pedestrian movement model on stairways", <i>Physica A: Statistical Mechanics and its Applications</i> , 505, 04 April 2018, pp 1212-1230, doi: https://doi.org/10.1016/j.physa.2018.03.051 .
	#CHEN Juan, LO Siu Ming, MA Jian, "Pedestrian ascent and descent fundamental diagram on stairway", <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2017(8), 18 August 2017, doi: https://doi.org/10.1088/1742-5468/aa79ad .
CHEN Mingyi	#CHEN Mingyi, YUEN Kwok Kit Richard, WANG Jian, "An experimental study about the effect of arrangement on the fire behaviors of lithium-ion batteries", <i>Journal of Thermal Analysis and Calorimetry</i> , 129(1), 01 July 2017, pp 181-188, doi: https://doi.org/10.1007/s10973-017-6158-y .
	#CHEN Mingyi, LIU Jiahao, HE Yaping, YUEN Kwok Kit Richard, WANG Jian, "Study of the fire hazards of lithium-ion batteries at different pressures", <i>Applied Thermal Engineering</i> , 125, 14 July 2017, pp 1061-1074, doi: https://doi.org/10.1016/j.applthermaleng.2017.06.131 .
CHEN Xingbin	#CHEN Xingbin, KIM Tae Wan, "Automated Mapping of User Activities onto Flexible Space in Space-Use Analysis", <i>Journal of Construction Engineering and Management - ASCE</i> , 143(8), August 2017, doi: https://doi.org/10.1061/(ASCE)CO.1943-7862.0001328 .
	CHOI Jin Ouk, #CHEN Xingbin, KIM Tae Wan, "Opportunities and challenges of modular methods in dense urban environment", <i>International Journal of Construction Management</i> , 09 October 2017, doi: https://doi.org/10.1080/15623599.2017.1382093 .
CHENG Zhuang	#CHENG Zhuang, WANG Jianfeng Jeff, "用于颗粒土微观力学行为试验的微型三轴试验仪", <i>Yantu Lixue/Rock and Soil Mechanics</i> , 39(3), March 2018, pp 1123-1129, doi: https://doi.org/10.16285/j.rsm.2016.0577 .
	#CHENG Zhuang, WANG Jianfeng Jeff, "A particle-tracking method for experimental investigation of kinematics of sand particles under triaxial compression", <i>Powder Technology</i> , 328, 05 January 2018, pp 436-451, doi: https://doi.org/10.1016/j.powtec.2017.12.071 .
	#CHENG Zhuang, WANG Jianfeng Jeff, "Quantification of particle crushing in consideration of grading evolution of granular soils in biaxial shearing: A probability-based model", <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 42(3), 18 October 2017, pp 488-515, doi: https://doi.org/10.1002/nag.2752 .
CHITTA Sai Sandeep	SENETAKIS Kostas, #CHITTA Sai Sandeep, TODISCO Maria Cristina, "Dynamic inter-particle friction of crushed limestone surfaces", <i>Tribology International</i> , 111, 01 July 2017, pp 1-8, doi: https://doi.org/10.1016/j.triboint.2017.02.036 .
	#CHITTA Sai Sandeep, TODISCO Maria Cristina, SENETAKIS Kostas, "Tangential contact behaviour of a weathered volcanic landslide material from Hong Kong", <i>Soils and Foundations</i> , 57(6), December 2017, pp 1096-1102, doi: https://doi.org/10.1016/j.sandf.2017.08.034 .
	#CHITTA Sai Sandeep, SENETAKIS Kostas, "Grain-scale mechanics of quartz sand under normal and tangential loading", <i>Tribology International</i> , 117, 18 September 2017, pp 261-271, doi: https://doi.org/10.1016/j.triboint.2017.09.014 .
	#CHITTA Sai Sandeep, SENETAKIS Kostas, "Effect of Young's Modulus and Surface Roughness on the Inter-Particle Friction of Granular Materials", <i>Materials</i> , 11(2), 31 January 2018, doi: https://doi.org/10.3390/ma11020217 .
	#CHITTA Sai Sandeep, TODISCO Maria Cristina, NARDELLI Vincenzo, SENETAKIS Kostas, COOP Matthew, S.D.N Lourenco, "A micromechanical experimental study of highly/completely decomposed tuff granules", <i>Acta Geotechnica</i> , 08 May 2018, doi: https://doi.org/10.1007/s11440-018-0656-3 .
DENG Yajie	#DENG Yajie, HE Xiaoqiao, "An Improved interpolating complex variable meshless method for bending problem of kirchhoff plates", <i>International Journal of Applied Mechanics</i> , 9(6), 13 September 2017, doi: https://doi.org/10.1142/S1758825117500892 .

Section A: Publications of PhD Students

DUAN Cuie	# DUAN Cuie , LU Weizhen Jane , ZHANG Yunwei, GU Zhaolin, "A new urban canopy parameterization scheme for wind environment simulations", <i>Indoor and Built Environment</i> , 27(3), 13 November 2017, pp 402–422, doi: https://doi.org/10.1177/1420326X17741338 .
FAMAKIN Ibukun Oluwadara	LEUNG Mei Yung , #FAMAKIN Ibukun Oluwadara, KWOK Timothy, "Relationships between indoor facilities management components and elderly people's quality of life: A study of private domestic buildings", <i>Habitat International</i> , 66, 01 August 2017, pp 13-23, doi: https://doi.org/10.1016/j.habitatint.2017.05.002 .
	# OSHODI Olalekan Shamsideen , EJOHWOMU Obuks Augustine , #FAMAKIN Ibukun Oluwadara, CORTEZ Paulo , "Comparing univariate techniques for tender price index forecasting: Box-Jenkins and neural network model", <i>Construction Economics and Building</i> , 17(3), 21 September 2017, pp 109-123, doi: https://doi.org/10.5130/AJCEB.v17i3.5524 .
	LEUNG Mei Yung , #FAMAKIN Ibukun Oluwadara, # AHMED Khursheed , "Comparison of facilities management in private domestic buildings among different elderly groups in Hong Kong", <i>Facilities</i> , 36(7/8), May 2018, pp 386-402, doi: https://doi.org/10.1108/F-01-2017-0009 .
FENG Xiaming	# QIU Shuilai , MA Chao, WANG Xin, ZHOU Xia, #FENG Xiaming, YUEN Kwok Kit Richard , HU Yuan, "Melamine-containing polyphosphazene wrapped ammonium polyphosphate: A novel multifunctional organic-inorganic hybrid flame retardant", <i>Journal of Hazardous Materials</i> , 344, 20 November 2017, pp 839-848, doi: https://doi.org/10.1016/j.jhazmat.2017.11.018 .
HAO Huali	# HAO Huali , LAU Denvid , "Evolution of Interfacial Structure and Stress Induced by Interfacial Lattice Mismatch in Layered Metallic Nanocomposites", <i>Advanced Theory and Simulations</i> , 1(8), 26 June 2018, doi: https://doi.org/10.1002/adts.201800047 .
	# HAO Huali , TAM Lik Ho, LU Yang, LAU Denvid , "An atomistic study on the mechanical behavior of bamboo cell wall constituents", <i>Composites Part B: Engineering</i> , 151, 28 May 2018, pp 222-231, doi: https://doi.org/10.1016/j.compositesb.2018.05.046 .
HE Junjiang	# WEI Ruichao , HE Yaping, # ZHANG Zheng , # HE Junjiang , YUEN Kwok Kit Richard , WANG Jian, "Effect of different humectants on the thermal stability and fire hazard of nitrocellulose", <i>Journal of Thermal Analysis and Calorimetry</i> , 133(3), 09 April 2018, pp 1291-1307, doi: https://doi.org/10.1007/s10973-018-7235-6 .
HE Yinghou	LI Qiusheng , # HE Yinghou , # ZHOU Kang , HAN Xuliang, HE Yuncheng , SHU Zhenru , "Structural health monitoring for a 600 m high skyscraper", <i>Structural Design of Tall and Special Buildings</i> , 17 May 2018, doi: https://doi.org/10.1002/tal.1490 .
	# HE Yinghou , HAN Xuliang, LI Qiusheng , ZHU Hongping, HE Yuncheng , "Monitoring of wind effects on 600 m high Ping-An Finance Center during Typhoon Haima", <i>Engineering Structures</i> , 167, 12 May 2018, pp 308-326, doi: https://doi.org/10.1016/j.engstruct.2018.04.021 .
	LI Qiusheng , # HE Yinghou , WANG Hui , ZHOU Kang, YAN Bowen , "Monitoring and time-dependent analysis of vertical deformations of the tallest building in China", <i>Structural Control and Health Monitoring</i> , 24(7), July 2017, doi: https://doi.org/10.1002/stc.1936 .
	# HE Yinghou , LI Qiusheng , ZHU Hongping, HAN Xuliang, HE Yuncheng , # LI Xiao , "Monitoring of structural modal parameters and dynamic responses of a 600m-high skyscraper during a typhoon", <i>Structural Design of Tall and Special Buildings</i> , 27(6), 03 December 2017, doi: https://doi.org/10.1002/tal.1456 .
HE Yuanping	# HE Yuanping , GU Zhaolin, SU Junwei, CHEN Chungang, ZHANG Mingxu, ZHANG Liyuan, LU Weizhen Jane , "Coupling Eulerian-Lagrangian method of air-particle two-phase flow with population balance equations to simulate the evolution of vehicle exhaust plume", <i>International Journal for Numerical Methods in Fluids</i> , 88(3), 30 May 2018, pp 117-140, doi: https://doi.org/10.1002/flid.4514 .
HE Yuhao	# HE Yuhao , ZHOU Yu, LIU Zishun, LIEW Kim Meow , "Pattern transformation of single-material and composite periodic cellular structures", <i>Materials & Design</i> , 132, 12 July 2017, pp 375-384, doi: https://doi.org/10.1016/j.matdes.2017.07.022 .
	# HE Yuhao , ZHOU Yu, LIU Zishun, LIEW Kim Meow , "Buckling and pattern transformation of modified periodic lattice structures", <i>Extreme Mechanics Letters</i> , 22, 06 June 2018, pp 112-121, doi: https://doi.org/10.1016/j.eml.2018.05.011 .

Section A: Publications of PhD Students

	# <u>HE Yuhao</u> , LI Yunxin, LIU Zishun, <u>LIEW Kim Meow</u> , "Buckling analysis and buckling control of thin films on shape memory polymer substrate", <i>European Journal of Mechanics, A/Solids</i> , 66, 18 August 2017, pp 356-369, doi: https://doi.org/10.1016/j.euromechsol.2017.08.006 .
HOU Jin	# <u>HOU Jin</u> , XU Peng, LU Xing, PANG Zhihong, CHU Yiyi, <u>HUANG Gongsheng</u> , "Implementation of expansion planning in existing district energy system: A case study in China", <i>Applied Energy</i> , 211, 14 November 2017, pp 269-281, doi: https://doi.org/10.1016/j.apenergy.2017.10.118 .
HU Biao	# <u>HU Biao</u> , WU Yufei, "Quantification of shear cracking in reinforced concrete beams", <i>Engineering Structures</i> , 147, 15 September 2017, pp 666-678, doi: https://doi.org/10.1016/j.engstruct.2017.06.035 .
HU Jun	# <u>HU Jun</u> , <u>LAM Heung Fai</u> , <u>YANG Jiahua</u> , "Operational modal identification and finite element model updating of a coupled building following Bayesian approach", <i>Structural Control and Health Monitoring</i> , 25(2), 25 September 2017, doi: https://doi.org/10.1002/stc.2089 .
HU Wanrui	LI Wenjing, ZHU Cheng, YANG Chunhe, DUAN Kang, # <u>HU Wanrui</u> , "Experimental and DEM investigations of temperature effect on pure and interbedded rock salt", <i>Journal of Natural Gas Science and Engineering</i> , 56, 15 May 2018, pp 29-41, doi: https://doi.org/10.1016/j.jngse.2018.05.020 .
HUANG Pei	# <u>HUANG Pei</u> , AUGENBROE Godfried, <u>HUANG Gongsheng</u> , <u>SUN Yongjun</u> , "Investigation of maximum cooling loss in a piping network using Bayesian Markov Chain Monte Carlo method", <i>Journal of Building Performance Simulation</i> , 25 June 2018, doi: https://doi.org/10.1080/19401493.2018.1487998 .
	# <u>HUANG Pei</u> , <u>HUANG Gongsheng</u> , AUGENBROE Godfried, <u>LI Shan</u> , "Optimal configuration of multiple-chiller plants under cooling load uncertainty for different climate effects and building types", <i>Energy and Buildings</i> , 158, 16 October 2017, pp 684-697, doi: https://doi.org/10.1016/j.enbuild.2017.10.040 .
	# <u>HUANG Pei</u> , <u>HUANG Gongsheng</u> , <u>SUN Yongjun</u> , "Uncertainty-based life-cycle analysis of near-zero energy buildings for performance improvements", <i>Applied Energy</i> , 213, 04 February 2018, pp 486-498, doi: https://doi.org/10.1016/j.apenergy.2018.01.059 .
	# <u>HUANG Pei</u> , <u>HUANG Gongsheng</u> , "Investigation of maximum cooling loss uncertainty in piping network using Bayesian Markov Chain Monte Carlo method", <i>Energy Procedia</i> , 143, December 2017, pp 258-263, doi: https://doi.org/10.1016/j.egypro.2017.12.681 .
HUANG Shenshi	# <u>HUANG Shenshi</u> , ZHANG Teng, <u>LO Siu Ming</u> , LU Shouxiang, LI Changhai, "Experimental study of individual and single-file pedestrian movement in narrow seat aisle", <i>Physica A: Statistical Mechanics and its Applications</i> , 509, 19 June 2018, pp 1023-1033, doi: https://doi.org/10.1016/j.physa.2018.06.079 .
	# <u>HUANG Shenshi</u> , LU Shouxiang, <u>LO Siu Ming</u> , LI Changhai, GUO Yafei, "Experimental study on occupant evacuation in narrow seat aisle", <i>Physica A: Statistical Mechanics and its Applications</i> , 502, 24 February 2018, pp 506-517, doi: https://doi.org/10.1016/j.physa.2018.02.032 .
	# <u>WEI Ruichao</u> , # <u>HUANG Shenshi</u> , HUANG Que, OUYANG Dongxu, CHEN Qinpei, <u>YUEN Kwok Kit Richard</u> , WANG Jian, "Experimental study on the fire characteristics of typical nitrocellulose mixtures using a cone calorimeter", <i>Journal of Thermal Analysis and Calorimetry</i> , 01 June 2018, pp 1-10, doi: https://doi.org/10.1007/s10973-018-7410-9 .
Ji Weiming	LI Weiwen, # <u>Ji Weiming</u> , ISFAHANI Forood Torabian, WANG Yaocheng, LI Gengying, LIU Yi, XING Feng, "Nano-silica sol-gel and carbon nanotube coupling effect on the performance of cement-based materials", <i>Nanomaterials</i> , 7(7), 14 July 2017, doi: https://doi.org/10.3390/nano7070185 .
	# <u>Ji Weiming</u> , ZHANG L. W., <u>LIEW Kim Meow</u> , "A "fullerene-carbon nanotube" structure with tunable mechanical properties", <i>Europhysics Letters</i> , 121(5), March 2018, doi: https://doi.org/10.1209/0295-5075/121/56001 .
	ZHANG L. W., # <u>Ji Weiming</u> , <u>LIEW Kim Meow</u> , "Mechanical properties of diamond nanothread reinforced polymer composites", <i>Carbon</i> , 132, 16 February 2018, pp 232-240, doi: https://doi.org/10.1016/j.carbon.2018.02.053 .

Section A: Publications of PhD Students

JIAN Wei	# JIAN Wei , TAM Lik Ho , LAU Denvid , "Atomistic study of interfacial creep behavior in epoxy-silica bilayer system", <i>Composites Part B: Engineering</i> , 132, 04 September 2017, pp 229-236, doi: https://doi.org/10.1016/j.compositesb.2017.09.006 .
	# JIAN Wei , LAU Denvid , "Effect of Temperature on Creep Behavior in Carbon Nanotube-Reinforced Epoxy Bonded Interface - An Atomistic Investigation", <i>MRS Advances</i> , 3(8-9), 15 January 2018, pp 439-444, doi: https://doi.org/10.1557/adv.2018.59 .
JIANG Cheng	# JIANG Cheng , WU Yu-fei , DAI Ming-Jiang , "Degradation of steel-to-concrete bond due to corrosion", <i>Construction and Building Materials</i> , 158, 15 January 2018, pp 1073-1080, doi: https://doi.org/10.1016/j.conbuildmat.2017.09.142 .
	WAN Baolin , # JIANG Cheng , WU Yufei , "Effect of defects in externally bonded FRP reinforced concrete", <i>Construction and Building Materials</i> , 172, 30 May 2018, pp 63-76, doi: https://doi.org/10.1016/j.conbuildmat.2018.03.217 .
KIRAMA WEERASINGHE DAHANAYAKAGE Kalani Chamika Dahanayake	# KIRAMA WEERASINGHE DAHANAYAKAGE Kalani Chamika Dahanayake , CHOW Cheuk Lun , "Comparing reduction of building cooling load through green roofs and green walls by EnergyPlus simulations", <i>Building Simulation</i> , 11(3), 20 October 2017, pp 421-434, doi: https://doi.org/10.1007/s12273-017-0415-7 .
	# KIRAMA WEERASINGHE DAHANAYAKAGE Kalani Chamika Dahanayake , CHOW Cheuk Lun , HOU Guolong , "Selection of suitable plant species for energy efficient Vertical Greenery Systems (VGS)", <i>Energy Procedia</i> , 142, December 2017, pp 2473-2478, doi: https://doi.org/10.1016/j.egypro.2017.12.185 .
	# KIRAMA WEERASINGHE DAHANAYAKAGE Kalani Chamika Dahanayake , CHOW Cheuk Lun , "MOISTURE CONTENT, IGNITABILITY, AND FIRE RISK OF VEGETATION IN VERTICAL GREENERY SYSTEMS", <i>Fire Ecology</i> , 14(1), May 2018, pp 125-142.
KOLAR Zdenek	# KOLAR Zdenek , # CHEN Hainan , LUO Xiaowei , "Transfer learning and deep convolutional neural networks for safety guardrail detection in 2D images", <i>Automation in Construction</i> , 89, 22 February 2018, pp 58-70, doi: https://doi.org/10.1016/j.autcon.2018.01.003 .
LAWAL Abiodun Ismail	XU Shi-Yu , # LAWAL Abiodun Ismail , SHAMSABADI Anoosh , TACIROGLU Ertugrul , "Correction to: Estimation of static earth pressures for a sloping cohesive backfill using extended Rankine theory with a composite log-spiral failure surface", <i>Acta Geotechnica</i> , 30 May 2018, doi: https://doi.org/10.1007/s11440-018-0681-2 .
	XU Shi-Yu , # LAWAL Abiodun Ismail , SHAMSABADI Anoosh , TACIROGLU Ertugrul , "Estimation of static earth pressures for a sloping cohesive backfill using extended Rankine theory with a composite log-spiral failure surface", <i>Acta Geotechnica</i> , 07 May 2018, doi: https://doi.org/10.1007/s11440-018-0673-2 .
LI Keyao	# LI Keyao , CHEUNG Sai On , "Bias Measurement Scale for Repeated Dispute Evaluations", <i>Journal of Management in Engineering - ASCE</i> , 34(4), 13 April 2018, doi: https://doi.org/10.1061/(ASCE)ME.1943-5479.0000617 .
LI Pan	# LI Pan , LIU Jiahao , CHEN Mingyi , WANG Fengli , YUEN Kwok Kit Richard , WANG Jian , "Experimental study of high altitude effect on heat release rates of pool fires using calorimeters", <i>Journal of Thermal Analysis and Calorimetry</i> , 131(2), 23 August 2017, pp 1597-1603, doi: https://doi.org/10.1007/s10973-017-6637-1 .
	# LI Pan , YUEN Kwok Kit Richard , JIAN Wang , "Low air pressure effects on burning characteristics of typical oil with forced irradiance", <i>IOP Conference Series: Materials Science and Engineering</i> , 241, 01 November 2017, doi: https://doi.org/10.1088/1757-899X/241/1/012039 .
LI Wei	# LI Wei , SENETAKIS Kostas , "Dynamic shear modulus of three reconstituted soils from Panzhuhua iron tailing dam", <i>Journal of GeoEngineering</i> , 12(3), 01 September 2017, pp 129-135, doi: https://doi.org/10.6310/jog.2017.12(3).4 .
LI Xiao	# HE Yinghou , LI Qiusheng , ZHU Hongping , HAN Xuliang , HE Yuncheng , # LI Xiao , "Monitoring of structural modal parameters and dynamic responses of a 600m-high skyscraper during a typhoon", <i>Structural Design of Tall and Special Buildings</i> , 27(6), 03 December 2017, doi: https://doi.org/10.1002/tal.1456 .
LI Yantong	# LI Yantong , DU Yaxing , XU Tao , WU Huijun , ZHOU Xiaoqing , LING Ziye , ZHANG Zhengguo , "Optimization of thermal management system for Li-ion batteries using phase change material", <i>Applied Thermal Engineering</i> , 131, 15 December 2017, pp 766-778, doi: https://doi.org/10.1016/j.applthermaleng.2017.12.055 .

Section A: Publications of PhD Students

	<p>YAO Chengqiang, KONG Xiangfei, #LI Yantong, DU Yaxing, QI Chengying, "Numerical and experimental research of cold storage for a novel expanded perlite-based shape-stabilized phase change material wallboard used in building", <i>Energy Conversion and Management</i>, 155, 02 November 2017, pp 20-31, doi: https://doi.org/10.1016/j.enconman.2017.10.052.</p>
	<p>XU Tao, #LI Yantong, CHEN Jiayu, WU Huijun, ZHOU Xiaoqing, ZHANG Zhengguo, "Improving thermal management of electronic apparatus with paraffin (PA)/expanded graphite (EG)/graphene (GN) composite material", <i>Applied Thermal Engineering</i>, 140, 17 May 2018, pp 13-22, doi: https://doi.org/10.1016/j.applthermaleng.2018.05.060.</p>
	<p>#LI Yantong, HUANG Gongsheng, XU Tao, LIU Xiaoping, WU Huijun, "Optimal design of PCM thermal storage tank and its application for winter available open-air swimming pool", <i>Applied Energy</i>, 209, 04 November 2017, pp 224-235, doi: https://doi.org/10.1016/j.apenergy.2017.10.095.</p>
	<p>DU Yaxing, MAK Cheuk Ming, #LI Yantong, "Application of a multi-variable optimization method to determine lift-up design for optimum wind comfort", <i>Building and Environment</i>, 131, 10 January 2018, pp 242-254, doi: https://doi.org/10.1016/j.buildenv.2018.01.012.</p>
	<p>#LI Yantong, HUANG Gongsheng, WU Huijun, XU Tao, "Feasibility study of a PCM storage tank integrated heating system for outdoor swimming pools during the winter season", <i>Applied Thermal Engineering</i>, 134, 10 February 2018, pp 490-500, doi: https://doi.org/10.1016/j.applthermaleng.2018.02.030.</p>
LIAN Liping	<p>#LIAN Liping, SONG Weiguo, YUEN Kwok Kit Richard, TELESKA Luciano, "Investigating the time evolution of some parameters describing inflow processes of pedestrians in a room", <i>Physica A: Statistical Mechanics and its Applications</i>, 507, 15 May 2018, pp 77-88, doi: https://doi.org/10.1016/j.physa.2018.05.021.</p>
	<p>#LIAN Liping, SONG Weiguo, YUEN Kwok Kit Richard, TELESKA Luciano, "Analysis of repulsion states among pedestrians inflowing into a room", <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i>, 05 June 2018, doi: https://doi.org/10.1016/j.physleta.2018.05.055.</p>
LIN Jin	<p>#LIN Jin, GUO Yafei, CHEN Xiao, LI Changhai, LU Shouxiang, LIEW Kim Meow, "CO Oxidation over Nanostructured Ceria Supported Bimetallic Cu–Mn Oxides Catalysts: Effect of Cu/Mn Ratio and Calcination Temperature", <i>Catalysis Letters</i>, 148(1), 29 October 2017, pp 181-193, doi: https://doi.org/10.1007/s10562-017-2227-x.</p>
	<p>#LIN Jin, GUO Yafei, LI Changhai, LU Shouxiang, CHEN Xiao, LIEW Kim Meow, "A Comparative Study of Supported and Bulk Cu–Mn–Ce Composite Oxide Catalysts for Low-Temperature CO Oxidation", <i>Catalysis Letters</i>, 13 June 2018, pp 1-11, doi: https://doi.org/10.1007/s10562-018-2445-x.</p>
LIU Su	<p>#LIU Su, WANG Jianfeng Jeff, "Static fatigue of sand particles", <i>Canadian Geotechnical Journal</i>, 01 March 2018, doi: https://doi.org/10.1139/cgj-2017-0543.</p>
LIU Xuefeng	<p>YANG Dong, DONG Wei, #LIU Xuefeng, YI Shenghui, HE Xiaoqiao, "Investigation on mode-I crack propagation in concrete using bond-based peridynamics with a new damage model", <i>Engineering Fracture Mechanics</i>, 199, 15 June 2018, pp 567-581, doi: https://doi.org/10.1016/j.engfracmech.2018.06.019.</p>
LIU Xufei	<p>#LIU Xufei, XU Mingjun, LU Shouxiang, LIEW Kim Meow, "Corrosive effects of smoke with different concentrations from PVC on 304 stainless steel and 6061 aluminium alloy", <i>Corrosion Engineering Science and Technology</i>, 53(2), 06 February 2018, pp 141-152, doi: https://doi.org/10.1080/1478422X.2017.1421447.</p>
LOU Siwei	<p>#LOU Siwei, LI Hin Wa, CHAN Wilco W., LAM Joseph Choi, "Life-cycle analysis of photovoltaic systems in Hong Kong", <i>Journal of Renewable and Sustainable Energy</i>, 9(4), 22 August 2017, doi: https://doi.org/10.1063/1.4999596.</p>
LUO Xiaojun	<p>#LUO Xiaojun, FONG Kwong Fai Square, "Development of multi-supply-multi-demand control strategy for combined cooling, heating and power system primed with solid oxide fuel cell-gas turbine", <i>Energy Conversion and Management</i>, 154, 23 November 2017, pp 538-561, doi: https://doi.org/10.1016/j.enconman.2017.11.032.</p>
	<p>#LUO Xiaojun, "Parametric study of heat transfer enhancement on cross-flow heat exchangers", <i>Chemical Engineering and Processing: Process Intensification</i>, 121, 26 July 2017, pp 81-89, doi: https://doi.org/10.1016/j.cep.2017.07.014.</p>

Section A: Publications of PhD Students

MIAO Lei	CHOW W. K., GAO Y., ZOU J. F., LIU Q. K., <u>CHOW Cheuk Lun</u> , #MIAO Lei, "Numerical Studies on Thermally-Induced Air Flow in Sloping Tunnels with Experimental Scale Modelling Justifications", <i>Fire Technology</i> , 54(4), 15 March 2018, pp 867–892, doi: https://doi.org/10.1007/s10694-018-0713-3 .
	#MIAO Lei, <u>CHOW Cheuk Lun</u> , "Influence of heat release rate and wall heat-blocking effect on the thermal plume ejected from compartment fire", <i>Applied Thermal Engineering</i> , 139, 03 May 2018, pp 585-597, doi: https://doi.org/10.1016/j.applthermaleng.2018.05.006 .
	#YANG Yuzhuo, #MIAO Lei, <u>CHOW Cheuk Lun</u> , "Relative significance of temperature gradient components on cracking behavior in glass panes under thermal radiation", <i>Applied Thermal Engineering</i> , 131, 16 December 2017, pp 837-848, doi: https://doi.org/10.1016/j.applthermaleng.2017.12.060 .
	#MIAO Lei, <u>CHOW Cheuk Lun</u> , "A study on window plume from a room fire to the cavity of a double-skin façade", <i>Applied Thermal Engineering</i> , 129, 25 September 2017, pp 230-241, doi: https://doi.org/10.1016/j.applthermaleng.2017.09.125 .
MUHAMMAD -	ZHOU Weijian, WU Bin, #MUHAMMAD -, DU Qiujiao, HUANG Guoliang, LYN Chaofeng, CHEN Weiqiu, "Actively tunable transverse waves in soft membrane-type acoustic metamaterials", <i>Journal of Applied Physics</i> , 123(16), 28 April 2018, doi: https://doi.org/10.1063/1.5015979 .
NUNAYON Sunday Segbenu	#NUNAYON Sunday Segbenu, #ZHANG Huihui, <u>LAI Chi Keung Alvin</u> , "Deposition of ultrafine particle in a duct flow by twisted-tape insert", <i>Building and Environment</i> , 136, 27 March 2018, pp 156-161, doi: https://doi.org/10.1016/j.buildenv.2018.03.043 .
OLADOKUN Majeed Olaide	FANG Zhaosong, XU Xiaoning, LI Qiao, YOU Xiuhua, #OLADOKUN Majeed Olaide, "An investigation of air and water dual adjustment decoupling control of surface heat exchanger", <i>Applied Thermal Engineering</i> , 133, 17 January 2018, pp 418-427, doi: https://doi.org/10.1016/j.applthermaleng.2018.01.045 .
	FANG Zhaosong, #ZHANG Sheng, CHENG Yong, <u>FONG Ming Lun Alan</u> , #OLADOKUN Majeed Olaide, <u>LIN John Z</u> , WU Huijun, "Field study on adaptive thermal comfort in typical air conditioned classrooms", <i>Building and Environment</i> , 133, 11 February 2018, pp 73-82, doi: https://doi.org/10.1016/j.buildenv.2018.02.005 .
	#OLADOKUN Majeed Olaide, ALI Maisarah, OSMAN Samsul Bahrin, <u>LIN John Z</u> , "Indoor mould growth prediction using coupled computational fluid dynamics and mould growth model", <i>Building Simulation</i> , 10(4), 01 August 2017, pp 551-562, doi: https://doi.org/10.1007/s12273-016-0343-y .
	FANG Zhaosong, LIU Hong, LI Baizhan, TAN Meilan, #OLADOKUN Majeed Olaide, "Experimental investigation on thermal comfort model between local thermal sensation and overall thermal sensation", <i>Energy and Buildings</i> , 158, 11 November 2017, pp 1286-1295, doi: https://doi.org/10.1016/j.enbuild.2017.10.099 .
OSHODI Olalekan Shamsideen	#OSHODI Olalekan Shamsideen, EJOHWOMU Obuks Augustine, #FAMAKIN Ibukun <u>Oluwadara</u> , CORTEZ Paulo, "Comparing univariate techniques for tender price index forecasting: Box-Jenkins and neural network model", <i>Construction Economics and Building</i> , 17(3), 21 September 2017, pp 109-123, doi: https://doi.org/10.5130/AJCEB.v17i3.5524 .
PAN Wei	#PAN Wei, XUE Yu, HE Hongdi, <u>LU Weizhen Jane</u> , "Impacts of traffic congestion on fuel rate, dissipation and particle emission in a single lane based on Nasch Model", <i>Physica A: Statistical Mechanics and its Applications</i> , 503, 04 March 2018, pp 154-162, doi: https://doi.org/10.1016/j.physa.2018.02.199 .
	#PAN Wei, HE Hongdi, XUE Yu, <u>LU Weizhen Jane</u> , "An environmental indicator: particulate characteristics on pedestrian pathway along integrated urban thoroughfare in Metropolis", <i>Stochastic Environmental Research and Risk Assessment</i> , 32(9), 17 May 2018, pp 2527-2536, doi: https://doi.org/10.1007/s00477-018-1556-7 .
	HE Hongdi, QIAO Zhong-xia, #PAN Wei, <u>LU Weizhen Jane</u> , "Multiscale multifractal properties between ground-level ozone and its precursors in rural area in Hong Kong", <i>Journal of Environmental Management</i> , 196, 01 July 2017, pp 270-277, doi: https://doi.org/10.1016/j.jenvman.2017.02.024 .
QIN Renyuan	#QIN Renyuan, #QIU Qiwen, <u>LAM Hiu Man</u> , TANG Alvin M. C., LEUNG Mike W. K., <u>LAU Denvid</u> , "Health assessment of tree trunk by using acoustic-laser technique and sonic

Section A: Publications of PhD Students

	tomography", <i>Wood Science and Technology</i> , 52(4), 10 May 2018, pp 1113-1132, doi: https://doi.org/10.1007/s00226-018-1016-z .
QIU Qiwen	#QIN Renyuan, #QIU Qiwen, LAM Hiu Man, TANG Alvin M. C., LEUNG Mike W. K., LAU Denvi, "Health assessment of tree trunk by using acoustic-laser technique and sonic tomography", <i>Wood Science and Technology</i> , 52(4), 10 May 2018, pp 1113-1132, doi: https://doi.org/10.1007/s00226-018-1016-z .
	LIU Jun, WANG Xiaodong, #QIU Qiwen, OU Guangfeng, XING Feng, "Understanding the effect of curing age on the chloride resistance of fly ash blended concrete by rapid chloride migration test", <i>Materials Chemistry and Physics</i> , 196, 01 August 2017, pp 315-323, doi: https://doi.org/10.1016/j.matchemphys.2017.05.011 .
	#QIU Qiwen, LAU Denvi, "Measurement of structural vibration by using optic-electronic sensor", <i>Measurement: Journal of the International Measurement Confederation</i> , 117, 30 December 2017, pp 435-443, doi: https://doi.org/10.1016/j.measurement.2017.12.040 .
	LIU Jun, OU Guangfeng, #QIU Qiwen, CHEN Xiaochi, HONG Jing, XING Feng, "Chloride transport and microstructure of concrete with/without fly ash under atmospheric chloride condition", <i>Construction and Building Materials</i> , 146, 15 August 2017, pp 493-501, doi: https://doi.org/10.1016/j.conbuildmat.2017.04.018 .
QIU Shuilai	#QIU Shuilai, HOU Yanbei, XING Weiyi, MA Chao, ZHOU Xia, LIU Longxiang, KAN Yongchun, YUEN Kwok Kit Richard, HU Yuan, "Self-assembled supermolecular aggregate supported on boron nitride nanoplatelets for flame retardant and friction application", <i>Chemical Engineering Journal</i> , 349, 08 May 2018, pp 223-234, doi: https://doi.org/10.1016/j.cej.2018.05.053 .
	ZHOU Xia, #QIU Shuilai, XING Weiyi, GANGIREDDY Chandra Sekhar Reddy, GUI Zhou, HU Yuan, "Hierarchical Polyphosphazene@Molybdenum Disulfide Hybrid Structure for Enhancing the Flame Retardancy and Mechanical Property of Epoxy Resins", <i>ACS applied materials & interfaces</i> , 9(34), 08 August 2017, pp 29147-29156, doi: https://doi.org/10.1021/acsami.7b08878 .
	#QIU Shuilai, MA Chao, WANG Xin, ZHOU Xia, #FENG Xiaming, YUEN Kwok Kit Richard, HU Yuan, "Melamine-containing polyphosphazene wrapped ammonium polyphosphate: A novel multifunctional organic-inorganic hybrid flame retardant", <i>Journal of Hazardous Materials</i> , 344, 20 November 2017, pp 839-848, doi: https://doi.org/10.1016/j.jhazmat.2017.11.018 .
RAHMAN Md Saifur	#RAHMAN Md Saifur, LEE Yiu Yin Raymond, "New modified multi-level residue harmonic balance method for solving nonlinearly vibrating double-beam problem", <i>Journal of Sound and Vibration</i> , 406, 13 October 2017, pp 295-327, doi: https://doi.org/10.1016/j.jsv.2017.06.017 .
SARVADEVABHATLA Sathwik Kasyap	#SARVADEVABHATLA Sathwik Kasyap, SENETAKIS Kostas, "A micromechanical experimental study of kaolinite-coated sand grains", <i>Tribology International</i> , 126, 12 May 2018, pp 206-217, doi: https://doi.org/10.1016/j.triboint.2018.05.021 .
SELIM Belal Ahmed Mohamed Mohamed	#SELIM Belal Ahmed Mohamed Mohamed, YIN B. B., LIEW Kim Meow, "Impact analysis of CNT-reinforced composite plates integrated with piezoelectric layers based on Reddy's higher-order shear deformation theory", <i>Composites Part B: Engineering</i> , 136, 14 October 2017, pp 10-19, doi: https://doi.org/10.1016/j.compositesb.2017.09.074 .
SHAN Xiaofang	#SHAN Xiaofang, WANG Peng, LU Weizhen Jane, "The reliability and availability evaluation of repairable district heating networks under changeable external conditions", <i>Applied Energy</i> , 203, 03 July 2017, pp 686-695, doi: https://doi.org/10.1016/j.apenergy.2017.06.081 .
SHI Meng	#SHI Meng, LEE Wai Ming, MA Yi, "A novel grid-based mesoscopic model for evacuation dynamics", <i>Physica A: Statistical Mechanics and its Applications</i> , 497, 05 March 2018, pp 198-210, doi: https://doi.org/10.1016/j.physa.2017.12.139 .
	MA Yi, LEE Wai Ming, #SHI Meng, YUEN Kwok Kit Richard, "Spatial memory enhances the evacuation efficiency of virtual pedestrians under poor visibility condition", <i>Chinese Physics B</i> , 27(3), 13 February 2018, doi: https://doi.org/10.1088/1674-1056/27/3/038901 .
	#SHI Meng, LEE Wai Ming, MA Yi, "A Newly developed Mesoscopic Model on Simulating Pedestrian Flow", <i>Procedia Engineering</i> , 211, 07 February 2018, pp 614-620, doi: https://doi.org/10.1016/j.proeng.2017.12.055 .

Section A: Publications of PhD Students

SHI Xian	#SHI Xian, HE Xiaoqiao, WANG Lifeng, SUN Ligang, "Hierarchical-structure induced adjustable deformation of super carbon nanotubes with radial shrinkage up to 66%", <i>Carbon</i> , 125, 17 September 2017, pp 289-298, doi: https://doi.org/10.1016/j.carbon.2017.09.053 .
SOJOBI Adebayo Olatunbosun	AWOLUSI Temitope Funmilayo, #SOJOBI Adebayo Olatunbosun, AFOLAYAN Joseph Olasehinde, "SDA and laterite applications in concrete: Prospects and effects of elevated temperature", <i>Cogent Engineering</i> , 4(1), 05 October 2017, doi: https://doi.org/10.1080/23311916.2017.1387954 .
	#SOJOBI Adebayo Olatunbosun, ALADEGBOYE O. J., AWOLUSI T. F., "Green interlocking paving units", <i>Construction and Building Materials</i> , 173, 24 April 2018, pp 600-614, doi: https://doi.org/10.1016/j.conbuildmat.2018.04.061 .
SUN Cong	XUE Qiuli Charlie, #SUN Cong, "How Much Development Can a Rail Station Lead? A Case Study of Hong Kong", <i>International Journal of High-Rise Buildings</i> , 7(2), June 2018, pp 95-109, doi: https://doi.org/10.21022/IJHRB.2018.7.2.95 .
SUN Jinlu	#SUN Jinlu, GUO Yafei, LI Changhai, LO Siu Ming, LU Shouxiang, "An experimental study on individual walking speed during ship evacuation with the combined effect of heeling and trim", <i>Ocean Engineering</i> , 14 October 2017, doi: https://doi.org/10.1016/j.oceaneng.2017.10.008 .
	#SUN Jinlu, LU Shouxiang, LO Siu Ming, MA Jian, XIE Qimiao, "Moving characteristics of single file passengers considering the effect of ship trim and heeling", <i>Physica A: Statistical Mechanics and its Applications</i> , 490, 01 September 2017, pp 476-487, doi: https://doi.org/10.1016/j.physa.2017.08.031 .
WANG Junqi	#WANG Junqi, JIA Qing-Shan, HUANG Gongsheng, SUN Yongjun, "Event-driven optimal control of central air-conditioning systems: Event-space establishment", <i>Science and Technology for the Built Environment</i> , 27 March 2018, doi: https://doi.org/10.1080/23744731.2018.1457410 .
	#ZHOU Pei, #WANG Junqi, HUANG Gongsheng, "A coordinated VAV control with integration of heat transfer coefficients for improving energy efficiency and thermal comfort", <i>Energy Procedia</i> , 143, December 2017, pp 271-276, doi: https://doi.org/10.1016/j.egypro.2017.12.683 .
	#WANG Junqi, #ZHOU Pei, HUANG Gongsheng, WANG Wei, "A Data Mining Approach to Discover Critical Events for Event-Driven Optimization in Building Air Conditioning Systems", <i>Energy Procedia</i> , 143, December 2017, pp 251-257, doi: https://doi.org/10.1016/j.egypro.2017.12.680 .
	#WANG Wei, #WANG Junqi, CHEN Jiayu, HUANG Gongsheng, GUO Xiaoyang, "Multi-zone outdoor air coordination through Wi-Fi probe-based occupancy sensing", <i>Energy and Buildings</i> , 159, 23 November 2017, pp 495-507, doi: https://doi.org/10.1016/j.enbuild.2017.11.041 .
WANG Lan	#WANG Lan, LEE Wai Ming, YUEN Kwok Kit Richard, "A practical approach to chiller plants' optimisation", <i>Energy and Buildings</i> , 169, 07 April 2018, pp 332-343, doi: https://doi.org/10.1016/j.enbuild.2018.03.076 .
WANG Wanying	#WANG Wanying, NARDELLI Vincenzo, COOP Matthew Richard, "Micro-mechanical behaviour of artificially cemented sands under compression and shear", <i>Geotechnique Letters</i> , 7(3), September 2017, pp 218-224, doi: https://doi.org/10.1680/jgele.16.00166 .
WANG Wei	#WANG Wei, CHEN Jiayu, HONG Tianzhen, "Modeling occupancy distribution in large spaces with multi-feature classification algorithm", <i>Building and Environment</i> , 137, 07 April 2018, pp 108-117, doi: https://doi.org/10.1016/j.buildenv.2018.04.002 .
	#WANG Wei, CHEN Jiayu, HONG Tianzhen, ZHU Na, "Occupancy prediction through Markov based feedback recurrent neural network (M-FRNN) algorithm with WiFi probe technology", <i>Building and Environment</i> , 138, 28 April 2018, pp 160-170, doi: https://doi.org/10.1016/j.buildenv.2018.04.034 .
	#WANG Wei, CHEN Jiayu, SONG Xinyi, "Modeling and predicting occupancy profile in office space with a Wi-Fi probe-based Dynamic Markov Time-Window Inference approach", <i>Building and Environment</i> , 124, 03 August 2017, pp 130-142, doi: https://doi.org/10.1016/j.buildenv.2017.08.003 .

Section A: Publications of PhD Students

	<p>#WANG Wei, CHEN Jiayu, LU Yujie, WEI Hsi-Hsien, "Energy conservation through flexible HVAC management in large spaces: An IPS-based demand-driven control (IDC) system", <i>Automation in Construction</i>, 83, November 2017, pp 91-107, doi: https://doi.org/10.1016/j.autcon.2017.08.021.</p>
	<p>#WANG Wei, HAN Yilong, CHEN Jiayu, XU Tao, "An IPS-calibrated Outdoor Air Flow Control Strategy in Multizone Commercial Space", <i>Energy Procedia</i>, 142, December 2017, pp 1842-1847, doi: https://doi.org/10.1016/j.egypro.2017.12.573.</p>
	<p>#WANG Wei, #WANG Junqi, CHEN Jiayu, HUANG Gongsheng, GUO Xiaoyang, "Multi-zone outdoor air coordination through Wi-Fi probe-based occupancy sensing", <i>Energy and Buildings</i>, 159, 23 November 2017, pp 495-507, doi: https://doi.org/10.1016/j.enbuild.2017.11.041.</p>
WANG Wei	<p>#WANG Wei, KAN Yongchun, LIEW Kim Meow, SONG Lei, HU Yuan, "Comparative investigation on combustion property and smoke toxicity of epoxy resin filled with α- and δ-MnO₂ nanosheets", <i>Composites - Part A: Applied Science and Manufacturing</i>, 107, 23 December 2017, pp 39-46, doi: https://doi.org/10.1016/j.compositesa.2017.12.021.</p>
WEI Ruichao	<p>#WEI Ruichao, HE Yaping, #ZHANG Zheng, #HE Junjiang, YUEN Kwok Kit Richard, WANG Jian, "Effect of different humectants on the thermal stability and fire hazard of nitrocellulose", <i>Journal of Thermal Analysis and Calorimetry</i>, 133(3), 09 April 2018, pp 1291-1307, doi: https://doi.org/10.1007/s10973-018-7235-6.</p>
	<p>#WEI Ruichao, #HUANG Shenshi, HUANG Que, OUYANG Dongxu, CHEN Qinpei, YUEN Kwok Kit Richard, WANG Jian, "Experimental study on the fire characteristics of typical nitrocellulose mixtures using a cone calorimeter", <i>Journal of Thermal Analysis and Calorimetry</i>, 01 June 2018, pp 1-10, doi: https://doi.org/10.1007/s10973-018-7410-9.</p>
WU Mengmeng	<p>GANG Wang, RUI Wang, #WU Mengmeng, CHENG Fan, XIANG Song, "Strength criterion effect of the translator and destabilization model of gas-bearing coal seam", <i>International Journal of Mining Science and Technology</i>, 24 April 2018, doi: https://doi.org/10.1016/j.ijmst.2018.04.006.</p>
	<p>#WU Mengmeng, WANG Jianfeng Jeff, "Reassembling fractured sand particles using fracture-region matching algorithm", <i>Powder Technology</i>, 338, 28 June 2018, pp 55-66, doi: https://doi.org/10.1016/j.powtec.2018.06.045.</p>
	<p>WANG Gang, WANG Rui, #WU Mengmeng, XIN Lin, ZHOU Xiao-Hua, LIU Cheng-Wu, "火区下近距离煤层开采有害气体入侵灾害防控技术", <i>煤炭学报</i>, 42(7), July 2017, pp 1765-1775, doi: https://doi.org/10.13225/j.cnki.jccs.2017.0237.</p>
	<p>WANG Gang, XU Hao, #WU Mengmeng, WANG Yue, WANG Rui, ZHANG Xiaoqiang, "Porosity model and air leakage flow field simulation of goaf based on DEM-CFD", <i>Arabian Journal of Geosciences</i>, 11(7), 02 April 2018, doi: https://doi.org/10.1007/s12517-018-3499-1.</p>
WU Shanshan	<p>#WU Shanshan, LO Siu Ming, "Events as community function of shopping centers: A case study of Hong Kong", <i>Cities</i>, 72(Part A), 30 August 2017, pp 130-140, doi: https://doi.org/10.1016/j.cities.2017.08.017.</p>
XIAO Yingbo	<p>唐克扬, #XIAO Yingbo, "设计互联: 海上世界文化艺术中心", <i>时代建筑</i>, (2), March 2018, pp 100-107, doi: https://doi.org/10.13717/j.cnki.ta.2018.02.031.</p>
	<p>TAN Zheng, XUE Qiuli Charlie, #XIAO Yingbo, "The fusion of dimensions: Planning, infrastructure and Transborder Space of Luohu Port, Shenzhen, China", <i>Cities</i>, 73, 21 October 2017, pp 14-23, doi: https://doi.org/10.1016/j.cities.2017.10.003.</p>
XUE Bin	<p>MENG Junna, YAN Jinghong, #XUE Bin, "Exploring Relationships between National Culture and Infrastructure Sustainability Using QCA", <i>Journal of Construction Engineering and Management - ASCE</i>, 144(9), 26 June 2018, doi: https://doi.org/10.1061/(ASCE)CO.1943-7862.0001463.</p>
	<p>LIU Bingsheng, FU Meiqing, ZHANG Shuibo, #XUE Bin, ZHOU Qi, ZHANG Shiruo, "An interval-valued 2-tuple linguistic group decision-making model based on the Choquet integral operator", <i>International Journal of Systems Science</i>, 49(2), 30 November 2017, pp 407-424, doi: https://doi.org/10.1080/00207721.2017.1407007.</p>
	<p>LIU Bingsheng, LI Yan, #XUE Bin, LI Qian, ZOU Patrick X.W., LI Ling, "Why do individuals engage in collective actions against major construction projects? —An empirical analysis</p>

Section A: Publications of PhD Students

	<p>based on Chinese data", <i>International Journal of Project Management</i>, 36(4), 02 March 2018, pp 612-626, doi: https://doi.org/10.1016/j.ijproman.2018.02.004.</p> <p>XU Hui, #XUE Bin, "Key indicators for the resilience of complex urban public spaces", <i>Journal of Building Engineering</i>, 12, July 2017, pp 306-313, doi: https://doi.org/10.1016/j.jobe.2017.06.018.</p>
YANG Hao	ZHOU Zhong, #YANG Hao, XING Kai, GAO Wenyuan, "Prediction models of the shear modulus of normal or frozen soil-rock mixtures", <i>Geomechanics and Engineering</i> , 15(2), 10 June 2018, pp 783-791, doi: https://doi.org/10.12989/gae.2018.15.2.783 .
YANG Yuzhuo	#YANG Yuzhuo, #MIAO Lei, CHOW Cheuk Lun, "Relative significance of temperature gradient components on cracking behavior in glass panes under thermal radiation", <i>Applied Thermal Engineering</i> , 131, 16 December 2017, pp 837-848, doi: https://doi.org/10.1016/j.applthermaleng.2017.12.060 .
YU Bin	YANG Wei, YANG Wen-Jie, TAWIAH Benjamin, ZHANG Yang, WANG Li-Li, ZHU San-E, CHEN Timothy Bo Yuan, YUEN Anthony Chun Yin, #YU Bin, LIU Yun-Feng, SI Jing-Yu, HU En-Zhu, LU Hong-Dian, HU Kun-Hong, CHAN Qing Nian, YEOH Guan Heng, "Synthesis of anhydrous manganese hypophosphite microtubes for simultaneous flame retardant and mechanical enhancement on poly(lactic acid)", <i>Composites Science and Technology</i> , 164, 16 May 2018, pp 44-50, doi: https://doi.org/10.1016/j.compscitech.2018.05.023 .
YU Zechuan	#LIM YAPHARY Johannes, #YU Zechuan, LAM Hiu Wai Raymond, HUI David, LAU Denvid, "Molecular dynamics simulations on adhesion of epoxy-silica interface in salt environment", <i>Composites Part B: Engineering</i> , 131, 31 July 2017, pp 165-172, doi: https://doi.org/10.1016/j.compositesb.2017.07.038 . #YU Zechuan, LAU Denvid, "Evaluation on mechanical enhancement and fire resistance of carbon nanotube (CNT) reinforced concrete", <i>Coupled Systems Mechanics</i> , 6(3), September 2017, pp 335-349, doi: https://doi.org/10.12989/csm.2017.6.3.335 .
ZANG Peng	#ZANG Peng, XUE Qiuli Charlie, LU Yi, "香港社区老龄人口的适老性研究", <i>建筑学报</i> , (S2), 15 October 2017, pp 45-50.
ZHANG Huihui	#NUNAYON Sunday Segbenu, #ZHANG Huihui, LAI Chi Keung Alvin, "Deposition of ultrafine particle in a duct flow by twisted-tape insert", <i>Building and Environment</i> , 136, 27 March 2018, pp 156-161, doi: https://doi.org/10.1016/j.buildenv.2018.03.043 .
ZHANG Junwei	#ZHANG Junwei, LI Qiusheng, "Wind tunnel test and field measurement study of wind effects on a 600-m-high super-tall building", <i>Structural Design of Tall and Special Buildings</i> , 26(17), 10 December 2017, doi: https://doi.org/10.1002/tal.1385 . #ZHANG Junwei, LI Qiusheng, "Field measurements of wind pressures on a 600 m high skyscraper during a landfall typhoon and comparison with wind tunnel test", <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 175, 16 March 2018, pp 391-407, doi: https://doi.org/10.1016/j.jweia.2018.02.012 .
ZHANG Lujia	XUE Qiuli Charlie, #ZHANG Lujia, "《建筑与个性》书评", <i>时代建筑</i> , 2018 (1) (1005-684X), 18 January 2018.
ZHANG Sheng	#ZHANG Sheng, CHENG Yong, FANG Zhaosong, HUAN Chao, LIN John Z, "Optimization of room air temperature in stratum-ventilated rooms for both thermal comfort and energy saving", <i>Applied Energy</i> , 204, 25 July 2017, pp 420-431, doi: https://doi.org/10.1016/j.apenergy.2017.07.064 . #ZHANG Sheng, CHENG Yong, FANG Zhaosong, LIN John Z, "Dynamic control of room air temperature for stratum ventilation based on heat removal efficiency: Method and experimental validations", <i>Building and Environment</i> , 140, 24 May 2018, pp 107-118, doi: https://doi.org/10.1016/j.buildenv.2018.05.029 . FANG Zhaosong, #ZHANG Sheng, CHENG Yong, FONG Ming Lun Alan, #OLADOKUN Majeed Olaide, LIN John Z, WU Huijun, "Field study on adaptive thermal comfort in typical air conditioned classrooms", <i>Building and Environment</i> , 133, 11 February 2018, pp 73-82, doi: https://doi.org/10.1016/j.buildenv.2018.02.005 . #ZHANG Sheng, LIN John Z, CHENG Yong, "Optimizing the set generating temperature to improve the designed performance of an ejector cooling system with thermal pumping effect (ECSTPE)", <i>Solar Energy</i> , 157, 15 November 2017, pp 309-320, doi: https://doi.org/10.1016/j.solener.2017.08.027 .

Section A: Publications of PhD Students

ZHANG Yan	WANG Bibo, #ZHANG Yan, TAO Youji, ZHOU Xia, SONG Lei, JIE Ganxin, HU Yuan, "Monitoring the degradation of physical properties and fire hazards of high-impact polystyrene composite with different ageing time in natural environments", <i>Journal of Hazardous Materials</i> , 352, 20 March 2018, pp 92-100, doi: https://doi.org/10.1016/j.jhazmat.2018.03.033 .
ZHANG Zheng	#WEI Ruichao, HE Yaping, #ZHANG Zheng, #HE Junjiang, YUEN Kwok Kit Richard, WANG Jian, "Effect of different humectants on the thermal stability and fire hazard of nitrocellulose", <i>Journal of Thermal Analysis and Calorimetry</i> , 133(3), 09 April 2018, pp 1291-1307, doi: https://doi.org/10.1007/s10973-018-7235-6 .
ZHAO Tengfei	#ZHAO Tengfei, FONG Kwong Fai Square, "Characterization of different heat mitigation strategies in landscape to fight against heat island and improve thermal comfort in hot-humid climate (Part I): Measurement and modelling", <i>Sustainable Cities and Society</i> , 32, July 2017, pp 523-531, doi: https://doi.org/10.1016/j.scs.2017.03.025 .
	#ZHAO Tengfei, FONG Kwong Fai Square, "Characterization of different heat mitigation strategies in landscape to fight against heat island and improve thermal comfort in hot-humid climate (Part II): Evaluation and characterization", <i>Sustainable Cities and Society</i> , 35, November 2017, pp 841-850, doi: https://doi.org/10.1016/j.scs.2017.05.006 .
ZHAO Tengyuan	WANG Yu, #AKEJU Oluwatosin Victor, #ZHAO Tengyuan, "Interpolation of spatially varying but sparsely measured geo-data: A comparative study", <i>Engineering Geology</i> , 231, 26 October 2017, pp 200-217, doi: https://doi.org/10.1016/j.enggeo.2017.10.019 .
	#ZHAO Tengyuan, WANG Yu, "Interpretation of pile lateral response from deflection measurement data: A compressive sampling-based method", <i>Soils and Foundations</i> , 28 June 2018, doi: https://doi.org/10.1016/j.sandf.2018.05.002 .
	WANG Yu, #ZHAO Tengyuan, PHOON Kok-Kwang, "Direct simulation of random field samples from sparsely measured geotechnical data with consideration of uncertainty in interpretation", <i>Canadian Geotechnical Journal</i> , 55(6), 27 October 2017, pp 862-880, doi: https://doi.org/10.1139/cgj-2017-0254 .
	#ZHAO Tengyuan, MONTOKA NOGUERA Silvana, PHOON Kok-Kwang, WANG Yu, "Interpolating spatially varying soil property values from sparse data for facilitating characteristic value selection", <i>Canadian Geotechnical Journal</i> , 55(2), 15 December 2017, pp 171-181, doi: https://doi.org/10.1139/cgj-2017-0219 .
	#ZHAO Tengyuan, WANG Yu, "Simulation of cross-correlated random field samples from sparse measurements using Bayesian compressive sensing", <i>Mechanical Systems and Signal Processing</i> , 112, 05 May 2018, pp 384-400, doi: https://doi.org/10.1016/j.ymssp.2018.04.042 .
	#ZHAO Tengyuan, WANG Yu, "Simulation of cross-correlated random field samples from sparse measurements using Bayesian compressive sensing", <i>Mechanical Systems and Signal Processing</i> , 112, 05 May 2018, pp 384-400, doi: https://doi.org/10.1016/j.ymssp.2018.04.042 .
ZHENG Zhuang	#ZHENG Zhuang, #CHEN Hainan, LUO Xiaowei, "A supervised event-based non-intrusive load monitoring for non-linear appliances", <i>Sustainability</i> , 10(4), 28 March 2018, doi: https://doi.org/10.3390/su10041001 .
ZHOU Kang	LI Qiusheng, #HE Yinghou, #ZHOU Kang, HAN Xuliang, HE Yuncheng, SHU Zhenru, "Structural health monitoring for a 600 m high skyscraper", <i>Structural Design of Tall and Special Buildings</i> , 17 May 2018, doi: https://doi.org/10.1002/tal.1490 .
	#ZHOU Kang, LUO Xiaowei, LI Qiusheng, "Decision framework for optimal installation of outriggers in tall buildings", <i>Automation in Construction</i> , 93, 25 May 2018, pp 200-213, doi: https://doi.org/10.1016/j.autcon.2018.05.017 .
ZHOU Pei	#ZHOU Pei, #WANG Junqi, HUANG Gongsheng, "A coordinated VAV control with integration of heat transfer coefficients for improving energy efficiency and thermal comfort", <i>Energy Procedia</i> , 143, December 2017, pp 271-276, doi: https://doi.org/10.1016/j.egypro.2017.12.683 .
	#WANG Junqi, #ZHOU Pei, HUANG Gongsheng, WANG Wei, "A Data Mining Approach to Discover Critical Events for Event-Driven Optimization in Building Air Conditioning Systems", <i>Energy Procedia</i> , 143, December 2017, pp 251-257, doi: https://doi.org/10.1016/j.egypro.2017.12.680 .
	#ZHOU Pei, YANG Yi, HUANG Gongsheng, LAI Chi Keung Alvin, "Numerical and experimental study on airborne disinfection by negative ions in air duct flow", <i>Building and Environment</i> , 127, 06 November 2017, pp 204-210, doi: https://doi.org/10.1016/j.buildenv.2017.11.006 .

Section A: Publications of PhD Students

ZHU Liuying	<u>CHEUNG Sai On</u> , #ZHU Liuying, #LEE Ka Wai Kelly, "Incentivization and Interdependency in Construction Contracting", <i>Journal of Management in Engineering - ASCE</i> , 34(3), 07 February 2018, doi: https://doi.org/10.1061/(ASCE)ME.1943-5479.0000601 .
Conference papers	
ADEAGBO Mujib Olamide	#ADEAGBO Mujib Olamide, <u>LAM Heung Fai</u> , "Bayesian model updating in ballasted tracks with the consideration of non-linear ballast stiffness", <i>Proceedings of The 22nd Annual Conference of HKSTAM 2018 & The 14th Shanghai - Hong Kong Forum on Mechanics and Its Application</i> , The Hong Kong Polytechnic University, Hong Kong SAR, Hong Kong, Hong Kong, 14-14 April 2018, pp 26.
CHITTA Sai Sandeep	#CHITTA Sai Sandeep, <u>SENETAKIS Kostas</u> , "Tribological study of sand-grain contacts", <i>22nd Annual Conference of Hong Kong Society of Theoretical and Applied Mechanics (HKSTAM 2018)</i> , Hong Kong Polytechnic University, Hong Kong, 14 April 2018.
FAMAKIN Ibukun Oluwadara	#FAMAKIN Ibukun Oluwadara, <u>LEUNG Mei Yung</u> , "A Comparison of Barrier-free Access Designs for the Elderly Living in the Community and in Care and Attention Homes in Hong Kong", <i>Proceedings of the 21st International Symposium on Advancement of Construction Management and Real Estate</i> , The University of Hong Kong, Hong Kong, December 2017, pp 11-18, (ISBN: 9789811061899,9789811061905).
FU Libi	#FU Libi, <u>FANG Jie</u> , <u>CAO Shuchao</u> , <u>LO Siu Ming</u> , "A Cellular Automaton Model for Exit Selection Behavior Simulation during Evacuation Processes", <i>2017 8th International Conference on Fire Science and Fire Protection Engineering (ICFSFPE 2017)</i> , Nanjing Tech University and University of Science and Technology of China, Nanjing, China, 27-29 October 2017, pp 169-175.
IDOWU Oluwafunmibi Seun	#IDOWU Oluwafunmibi Seun, <u>LAM Ka Chi</u> , "Exposition of Conceptual Construction Cost: a Review of Modelling Techniques", <i>Proceedings of 22nd International Conference on Advancement of Construction Management and Real Estate - 2017</i> , Swinburne University of Technology, Hawthorn, Melbourne, Australia, 20-23 November 2017, pp 828 - 834, (ISBN: 978-0-6480742-4-3).
	#IDOWU Oluwafunmibi Seun, <u>LAM Ka Chi</u> , "Predesign Quantity Estimation for Building Information Modelling using Support Vector Machine", <i>Proceedings of 22nd International Conference on Advancement of Construction Management and Real Estate</i> , Swinburne University of Technology, Hawthorn, Melbourne, Australia, 20-23 November 2017, pp 887 - 894, (ISBN: 978-0-6480742-4-3).
KANNANGARA Pabodha	#KANNANGARA Kannangara Korallalage Pabodha Maduranga, <u>XU Shi-Yu</u> , "Dice Method: A Novel Approach to Evaluate Stress States Across a Retaining Wall Backfill", <i>Proceedings of the 3rd World Congress on Civil, Structural, and Environmental Engineering (CSEE'18)</i> , Budapest, Hungary, 09-10 April 2018, (ISBN: 9781927877401).
KHOO Chee Keong	#KHOO Chee Keong, <u>LI Xin</u> , "HOW GREEN ARE RESIDENTIAL BUILDINGS IN HONG KONG? AN EVALUATION OF THE GREEN CERTIFICATION PROGRAM", <i>5th International Conference on Architecture and Built Environment with AWARDS (S.ARCH 2018)</i> , Venice, Italy, 22-24 May 2018.
LI Keyao	#LI Keyao, <u>CHEUNG Ho Ching</u> , <u>CHEUNG Sai On</u> , "AN INVESTIGATION OF APOLOGY IN FACILITATING SETTLEMENT OF CONSTRUCTION DISPUTES", <i>15th East Asia-Pacific Conference on Structural Engineering and Construction (EASEC 15)</i> , Xian, China, 11-13 October 2017.
	#LI Keyao, <u>CHEUNG Sai On</u> , "BIAS AVOIDANCE ARRANGEMENTS IN DISPUTE RESOLUTION PROCEDURES", <i>15th East Asia-Pacific Conference on Structural Engineering and Construction (EASEC 15)</i> , Xian, China, 11-13 October 2017.
	#LI Keyao, <u>LEVINA Birgitta</u> , <u>CHEUNG Sai On</u> , "The Effect of Opportunism on the Impartiality of Third Party Neutral", <i>15th East Asia-Pacific Conference on Structural Engineering and Construction (EASEC 15)</i> , Xian, China, 11-13 October 2017.
LI Yantong	#LI Yantong, <u>HUANG Gongsheng</u> , "Design optimization of the PCM storage tank for heating an Open-air swimming pool", <i>Procedia Engineering - 10th International Symposium on Heating, Ventilation and Air Conditioning, ISHVAC2017</i> , Shandong Jianzhu University and Tsinghua University, Shandong Enjoy Hotel, Jinan, China, 19-22 October 2017, pp 842-848.
LIU Haiqiang	#LIU Haiqiang, <u>ZONG Ruo-Wen</u> , <u>LO Siu Ming</u> , <u>HU Yuan</u> , <u>ZHI You-Ran</u> , "Fire Extinguishing Efficiency of Magnesium Hydroxide Powders under Different Particle Size", <i>2017 8th</i>

Section A: Publications of PhD Students

	<p><i>International Conference on Fire Science and Fire Protection Engineering (ICFSFPE 2017)</i>, Nanjing Tech University and University of Science and Technology of China, Nanjing, China, 27-29 October 2017, pp 447-455.</p> <p>HU Yuan, #LIU Haiqiang, ZONG Ruo-Wen, LO Siu Ming, "Study of a New Type of Fire Suppressant Powder of Mg(OH)₂ Modified by DOPO-VTS", <i>2017 8th International Conference on Fire Science and Fire Protection Engineering (ICFSFPE 2017)</i>, Nanjing Tech University and University of Science and Technology of China, Nanjing, China, 27-29 October 2017, pp 1102-1110.</p>
LIU Wenjie	<p>LYU Yuanli, LONG Hui, CHOW Tin Tai, #LIU Wenjie, "Low-energy Facade for Sustainable Building Development against Climate Change", <i>Proceedings of the 6th Annual International Conference on Architecture and Civil Engineering</i>, Hotel Fort Canning, Singapore, 14-15 May 2018, pp 554-560.</p>
LOU Siwei	<p>#WANG Junqi, #LOU Siwei, #ZHOU Pei, HUANG Gongsheng, "A design approach for event-driven optimization in complex air conditioning systems", <i>2017 13th IEEE Conference on Automation Science and Engineering (CASE)</i>, Xi'an, China, 20-23 August 2017, pp 912-917, (ISBN: 978-1-5090-6781-7).</p>
MA Qiuwen	<p>LI Shan, #MA Qiuwen, "Barriers and challenges to implement integrated project delivery in China", <i>25th Annual Conference of the International Group for Lean Construction, IGLC 2017</i>, Hersonissos, Crete, Greece, 09-12 July 2017.</p> <p>LI Shan, #MA Qiuwen, "Analysis of Risks of Adopting Integrated Project Delivery: Application of Bayesian Theory", <i>20th International Conference on Construction Management and Technology (ICCMT 2018)</i>, Tokyo, Japan, 28-29 May 2018.</p>
MAO Yida	<p>TAN Jinqiang, #MAO Yida, #CHEN Zhenyu, #MUHAMMAD -, #TIJANI Ibrahim Ajani, XU Xinsheng, "The Analysis of Buckling and Reliability of Submarine Pipelines", <i>The 5th Cross-Strait Symposium on Dynamical Systems and Vibration (SDSV 2017)</i>, 10-17 December 2017.</p>
MUHAMMAD -	<p>TAN Jinqiang, #MAO Yida, #CHEN Zhenyu, #MUHAMMAD -, #TIJANI Ibrahim Ajani, XU Xinsheng, "The Analysis of Buckling and Reliability of Submarine Pipelines", <i>The 5th Cross-Strait Symposium on Dynamical Systems and Vibration (SDSV 2017)</i>, 10-17 December 2017.</p>
QIU Qiwen	<p>ZHOU Ao, #QIU Qiwen, LAU Denvid, "Effect of chlorides on mechanical properties of FRP reinforced concrete columns", <i>APFIS 2017 - The sixth Asia-Pacific Conference on FRP in Structures</i>, Singapore, Singapore, 19-21 July 2017.</p> <p>#QIU Qiwen, LAU Denvid, "Tomography reconstruction methods for damage diagnosis of wood structure in construction field", <i>Proceedings of SPIE - Nondestructive Characterization and Monitoring of Advanced Materials, Aerospace, Civil Infrastructure, and Transportation XII</i>, Denver, United States, 05-08 March 2018, (ISBN: 9781510616943,9781510616950).</p>
SHI Xian	<p>#SHI Xian, HE Xiaoqiao, "Hierarchical Deformation of Super Carbon Nanotube under Tensile Load", <i>2017 8th International Conference on Mechanical and Aerospace Engineering (ICMAE)</i>, Prague, Czech Republic, 22-25 July 2017, pp 30-34, (ISBN: 9781538633052,9781538633069).</p>
SUN Cong	<p>#SUN Cong, XUE Qiuli Charlie, #ZHANG Lujia, "Reflection on Construction Boom of Cultural Facilities in Contemporary China from the Perspective of 'Grand Theatre Upsurge'", <i>The 5th International Conference on Architecture and Built Environment with AWARDS (S.ARCH 2018) - Book of Abstracts</i>, Venice, Italy, 22-24 May 2018, (ISBN: 978-3-9818275-7-6).</p> <p>#ZHANG Lujia, XUE Qiuli Charlie, #SUN Cong, #XIAO Yingbo, "FROM 'ORDER' TO 'LIFE' -- DISCUSSING THE 'GRAND THEATRE WAVE' PERIOD IN CHINA BY TAKING THE HENAN ART CENTRE AS AN EXAMPLE", <i>The 5th International Conference on Architecture and Built Environment with AWARDS (S.ARCH 2018) - Book of Abstracts</i>, Venice, Italy, 22-24 May 2018, (ISBN: 978-3-9818275-7-6).</p>
TIJANI Ibrahim Ajani	<p>TAN Jinqiang, #MAO Yida, #CHEN Zhenyu, #MUHAMMAD -, #TIJANI Ibrahim Ajani, XU Xinsheng, "The Analysis of Buckling and Reliability of Submarine Pipelines", <i>The 5th Cross-Strait Symposium on Dynamical Systems and Vibration (SDSV 2017)</i>, 10-17 December 2017.</p> <p>#TIJANI Ibrahim Ajani, LIM C W, "Influence of Friction Reduction Pad on the Mechanical Behavior of Concrete Subjected to 3-D Passive Confinement", <i>Proceedings of the First International Conference on Mechanics of Advanced Materials and Structures - ICMAMS 2018</i>, Castello del Valentino, Turin, Italy, 17-20 June 2018, (ISBN: 9791220033114).</p>

Section A: Publications of PhD Students

WANG Junqi	#WANG Junqi, #LOU Siwei, #ZHOU Pei, HUANG Gongsheng, "A design approach for event-driven optimization in complex air conditioning systems", <i>2017 13th IEEE Conference on Automation Science and Engineering (CASE)</i> , Xi'an, China, 20-23 August 2017, pp 912-917, (ISBN: 978-1-5090-6781-7).
WANG Wei	#WANG Wei, LIN Zhenghang, CHEN Jiayu, "Promoting Energy Efficiency of HVAC Operation in Large Office Spaces with a Wi-Fi Probe enabled Markov Time Window Occupancy Detection Approach", <i>World Engineers Summit 2017 – Applied Energy Symposium & Forum: Low Carbon Cities & Urban Energy (WES-CUE 2017) Joint Conference</i> , Suntec Singapore, Singapore, 18-21 July 2017.
WANG Xinhao	#WANG Xinhao, XU Shi-Yu, "The Vibration Comfort Evaluation of Floating Houses when Subjected to Typhoon-induced Waves", <i>2017 World Congress on Advances in Structural Engineering and Mechanics (ASEM17)</i> , KINTEX, Seoul, Korea, Republic of, 28 August - 01 September 2017.
XIAO Yingbo	#ZHANG Lujia, XUE Qiuli Charlie, #SUN Cong, #XIAO Yingbo, "FROM "ORDER" TO "LIFE" -- DISCUSSING THE "GRAND THEATRE WAVE" PERIOD IN CHINA BY TAKING THE HENAN ART CENTRE AS AN EXAMPLE", <i>The 5th International Conference on Architecture and Built Environment with AWARDS (S.ARCH 2018) - Book of Abstracts</i> , Venice, Italy, 22-24 May 2018, (ISBN: 978-3-9818275-7-6).
XUE Bin	XU Hui, #XUE Bin, TAN Yongtao, "Critical Factors for the Resilience of Complex Urban Public Spaces", <i>ICCREM 2017 - Real Estate and Urbanization - Proceedings of the International Conference on Construction and Real Estate Management 2017</i> , Harbin Institute of Technology and Guangzhou University, Guangzhou, China, 10-12 November 2017, pp 355-363, (ISBN: 9780784481073,9781510852785).
YANG Yuzhuo	CHOW Cheuk Lun, #YANG Yuzhuo, HAN Shousuo, "Cone Calorimeter Studies On Fibre Reinforced Polymer Composite Materials In A Building Fire", <i>The 25th annual international conference on composites/nanoengineering (ICCE-25)</i> , Rome, Italy, 16-22 July 2017.
ZHANG Lujia	#SUN Cong, XUE Qiuli Charlie, #ZHANG Lujia, "Reflection on Construction Boom of Cultural Facilities in Contemporary China from the Perspective of 'Grand Theatre Upsurge'", <i>The 5th International Conference on Architecture and Built Environment with AWARDS (S.ARCH 2018) - Book of Abstracts</i> , Venice, Italy, 22-24 May 2018, (ISBN: 978-3-9818275-7-6).
	#ZHANG Lujia, XUE Qiuli Charlie, #SUN Cong, #XIAO Yingbo, "FROM "ORDER" TO "LIFE" -- DISCUSSING THE "GRAND THEATRE WAVE" PERIOD IN CHINA BY TAKING THE HENAN ART CENTRE AS AN EXAMPLE", <i>The 5th International Conference on Architecture and Built Environment with AWARDS (S.ARCH 2018) - Book of Abstracts</i> , Venice, Italy, 22-24 May 2018, (ISBN: 978-3-9818275-7-6).
ZHOU Pei	#WANG Junqi, #LOU Siwei, #ZHOU Pei, HUANG Gongsheng, "A design approach for event-driven optimization in complex air conditioning systems", <i>2017 13th IEEE Conference on Automation Science and Engineering (CASE)</i> , Xi'an, China, 20-23 August 2017, pp 912-917, (ISBN: 978-1-5090-6781-7).
ZHU Liuying	#ZHU Liuying, YU Ka In Karen, CHEUNG Sai On, "RECIPROCATING APOLOGY WITH POSITIVE RESPONSES: A CASE OF CONSTRUCTION DISPUTE NEGOTIATION", <i>15th East Asia-Pacific Conference on Structural Engineering and Construction (EASEC 15)</i> , Xian, China, 11-13 October 2017.
	#ZHU Liuying, LAM Kei Hin, CHEUNG Sai On, "Collaborative Working in Construction Contracting: an Investigation in using BIM as a Communication Platform", <i>15th East Asia-Pacific Conference on Structural Engineering and Construction (EASEC 15)</i> , Xian, China, 11-13 October 2017.
	#ZHU Liuying, CHEUNG Sai On, "Managing organizational innovation capacity for construction innovations", <i>International Research Conference 2017 - Shaping Tomorrow's Built Environment - Conference Proceedings</i> , University of Salford, Salford, United Kingdom, 11-12 September 2017, pp 201-209, (ISBN: 978-1-912337-04-0).
	#ZHU Liuying, #LEE Ka Wai Kelly, CHEUNG Sai On, "THE USE AND EFFECTS OF INCENTIVE SCHEMES IN CONSTRUCTION CONTRACTING", <i>15th East Asia-Pacific Conference on Structural Engineering and Construction (EASEC 15)</i> , Xian, China, 11-13 October 2017.

Section A: Publications of PhD Students

Creative and literary works, consulting reports and case studies	
SUN Cong	<u>XUE Qiuli Charlie, LI Lin, #XIAO Yingbo, #ZHANG Lujia, #SUN Cong</u> , POON Andrew, YUAN Ka Wai, LAM Ka Wai, CHAN Connie, Artist, "ARCHITECTURE TIMELINE OF HONG KONG", This is an exhibited work of Hong Kong - Shenzhen Bi-City Biennale of UrbanismArchitecture 2017, posted on the wall of Central Market, 33 meter long and 2.4 meter high. , <i>2017 Bi-City Biennale of UrbanismArchitecture (Hong Kong)</i> , UABBHK, Hong Kong, 12 December 2017 - 11 February 2018.
XIAO Yingbo	<u>XUE Qiuli Charlie, LI Lin, #XIAO Yingbo, #ZHANG Lujia, #SUN Cong</u> , POON Andrew, YUAN Ka Wai, LAM Ka Wai, CHAN Connie, Artist, "ARCHITECTURE TIMELINE OF HONG KONG", This is an exhibited work of Hong Kong - Shenzhen Bi-City Biennale of UrbanismArchitecture 2017, posted on the wall of Central Market, 33 meter long and 2.4 meter high. , <i>2017 Bi-City Biennale of UrbanismArchitecture (Hong Kong)</i> , UABBHK, Hong Kong, 12 December 2017 - 11 February 2018.
ZHANG Lujia	<u>XUE Qiuli Charlie, LI Lin, #XIAO Yingbo, #ZHANG Lujia, #SUN Cong</u> , POON Andrew, YUAN Ka Wai, LAM Ka Wai, CHAN Connie, Artist, "ARCHITECTURE TIMELINE OF HONG KONG", This is an exhibited work of Hong Kong - Shenzhen Bi-City Biennale of UrbanismArchitecture 2017, posted on the wall of Central Market, 33 meter long and 2.4 meter high. , <i>2017 Bi-City Biennale of UrbanismArchitecture (Hong Kong)</i> , UABBHK, Hong Kong, 12 December 2017 - 11 February 2018.
All other outputs	
ADEAGBO Mujib Olamide	<u>#ADEAGBO Mujib Olamide</u> , Best Student Presentation Award, Hong Kong Society of Theoretical and Applied Mechanics (HKSTAM), 14 April 2018.
ADEMILOYE Adesola Samson	<u>#ADEMILOYE Adesola Samson</u> , <i>Development of a Multiscale Cauchy-Born Framework for Modeling the Biomechanical Properties of Healthy and Malaria-infected Red Blood Cell Membrane</i> , PhD Thesis, Department of Architecture and Civil Engineering, City University of Hong Kong, Hong Kong, PRC, 24 July 2017.
AKEJU Oluwatosin Victor	<u>#AKEJU Oluwatosin Victor</u> , <i>Development of Bayesian Probabilistic Methods and Application for Estimation of Engineering Properties of Soil</i> , PhD Thesis, Department of Architecture and Civil Engineering, City University of Hong Kong, Hong Kong, PRC, 08 August 2017.
ALABI Stephen Adeyemi	<u>#ALABI Stephen Adeyemi</u> , <i>Nonlinear Modelling of a Rail-Sleeper-Ballast System and Its Application in the Bayesian Ballast Damage Detection</i> , PhD Thesis, Department of Architecture and Civil Engineering, City University of Hong Kong, Hong Kong, PRC, 25 August 2017.
BAI Yunxi	<u>#BAI Yunxi</u> , <i>Modeling of Residential Development Location Choice Based on Residential Preference</i> , PhD Thesis, Department of Architecture and Civil Engineering, City University of Hong Kong, Hong Kong, PRC, 14 March 2018.
CHEN Xingbin	<u>#CHEN Xingbin</u> , <i>Formalizing Utilization Prediction of Flexible Space in Buildings</i> , PhD Thesis, Department of Architecture and Civil Engineering, City University of Hong Kong, Hong Kong, PRC, 27 September 2017.
DUAN Cuie	<u>#DUAN Cuie</u> , <i>Multi-scale Drag Models and Numerical Simulations of Wind Fields in Urban Canopy</i> , PhD Thesis, Department of Architecture and Civil Engineering, City University of Hong Kong, Hong Kong, PRC, 20 June 2018.
FENG Xiaming	<u>#FENG Xiaming</u> , <i>Preparation of Two-dimensional Molybdenum Disulfide/Polymer Nanocomposites and Investigation on Their Mechanical Property, Thermal Behavior and Combustion Performance</i> , PhD Thesis, Department of Architecture and Civil Engineering, City University of Hong Kong, Hong Kong, PRC, 19 January 2018.
FU Libi	<u>#FU Libi</u> , <i>A Study on Pedestrian and Evacuation Dynamics Involving Human Behavior</i> , PhD Thesis, Department of Architecture and Civil Engineering, City University of Hong Kong, Hong Kong, PRC, 29 December 2017.
HU Biao	<u>#HU Biao</u> , <i>New Approach to Shear Resistance of Reinforced Concrete Members</i> , PhD Thesis, Department of Architecture and Civil Engineering, City University of Hong Kong, Hong Kong, PRC, 26 July 2017.
HU Jun	<u>#HU Jun</u> , <i>Bayesian Operational Modal Identification and Its Application in Structural Model Updating of Civil Engineering Structures</i> , PhD Thesis, Department of Architecture and Civil Engineering, City University of Hong Kong, Hong Kong, PRC, 18 July 2017.

Section A: Publications of PhD Students

HUSSAIN Syed Asad	# HUSSAIN Syed Asad , <i>Multiplexed Real-Time Optimization of HVAC Systems</i> , PhD Thesis, Department of Architecture and Civil Engineering, City University of Hong Kong, Hong Kong, PRC, 03 August 2017.
JIAN Wei	LAU Denvi , # JIAN Wei , # YU Zechuan , HUI David, (Book / Software Review) "Nano-engineering of construction materials using molecular dynamics simulations: Prospects and challenges", <i>Composites Part B: Engineering</i> , 143, 06 March 2018, pp 282-291, doi: https://doi.org/10.1016/j.compositesb.2018.01.014 .
LI Wei	# LI Wei , <i>The Mechanical Behaviour of Tailings</i> , PhD Thesis, Department of Architecture and Civil Engineering, City University of Hong Kong, Hong Kong, PRC, 17 July 2017.
LIU Haiqiang	# LIU Haiqiang , <i>A Study on the Fire Suppression Effectiveness and Its Mechanisms of Mg(OH)₂ Fire Extinguishing Powder media</i> , PhD Thesis, Department of Architecture and Civil Engineering, City University of Hong Kong, Hong Kong, PRC, 05 December 2017.
LIU Su	# LIU Su , <i>Discrete Element Modelling of Pile Penetration and Setup in Crushable Sands</i> , PhD Thesis, Department of Architecture and Civil Engineering, City University of Hong Kong, Hong Kong, PRC, 14 December 2017.
LOU Siwei	# LOU Siwei , <i>Analysis of Solar Radiation and Daylight on Building Envelope and Implication to Building Energy Saving Designs</i> , PhD Thesis, Department of Architecture and Civil Engineering, City University of Hong Kong, Hong Kong, PRC, 11 August 2017.
LUO Xiaojun	# LUO Xiaojun , <i>Development of Dynamic Model and Control Strategy of Combined Cooling, Heating and Power System Primed with Solid Oxide Fuel Cell-Gas Turbine for Building Application</i> , PhD Thesis, Department of Architecture and Civil Engineering, City University of Hong Kong, Hong Kong, PRC, 16 March 2018.
MOHAMMADI Mohsen	# MOHAMMADI Mohsen , <i>Plasticity Models and Triaxial Test Method for Concrete under Non-uniform Passive Confinement</i> , PhD Thesis, Department of Architecture and Civil Engineering, City University of Hong Kong, Hong Kong, PRC, 07 November 2017.
OSHODI Olalekan Shamsideen	# OSHODI Olalekan Shamsideen , <i>Construction Output Forecasting: A Comparison of Econometric and Artificial Intelligence Modelling Techniques</i> , PhD Thesis, Department of Architecture and Civil Engineering, City University of Hong Kong, Hong Kong, PRC, 14 August 2017.
SELIM Belal Ahmed Mohamed Mohamed	# SELIM Belal Ahmed Mohamed Mohamed , <i>Modeling of CNT-Reinforced Composite Plates Integrated with Piezoelectric Layers Using the Element-free IMLS-Ritz Method</i> , PhD Thesis, Department of Architecture and Civil Engineering, City University of Hong Kong, Hong Kong, PRC, 09 August 2017.
SOJOBI Adebayo Olatunbosun	LIEW Kim Meow , # SOJOBI Adebayo Olatunbosun , ZHANG L. W., (Book / Software Review) "Green concrete: Prospects and challenges", <i>Construction and Building Materials</i> , 156, 20 September 2017, pp 1063-1095, doi: https://doi.org/10.1016/j.conbuildmat.2017.09.008 .
YE Jiana	# YE Jiana , <i>Thermal Runaway and Failure Mechanism of Lithium Ion Batteries during Overcharge and Over-Discharge</i> , PhD Thesis, Department of Architecture and Civil Engineering, City University of Hong Kong, Hong Kong, PRC, 13 November 2017.
YU Zechuan	# YU Zechuan , <i>Development of Coarse-grained Models in Multi-scale Studies on Materials</i> , PhD Thesis, Department of Architecture and Civil Engineering, City University of Hong Kong, Hong Kong, PRC, 28 July 2017.
	LAU Denvi , # JIAN Wei , # YU Zechuan , HUI David, (Book / Software Review) "Nano-engineering of construction materials using molecular dynamics simulations: Prospects and challenges", <i>Composites Part B: Engineering</i> , 143, 06 March 2018, pp 282-291, doi: https://doi.org/10.1016/j.compositesb.2018.01.014 .
ZHAO Tengyuan	# ZHAO Tengyuan , <i>Interpretation and Simulation of Geotechnical Data from Sparse Measurements Using Bayesian and Compressive Sampling Methods</i> , PhD Thesis, Department of Architecture and Civil Engineering, City University of Hong Kong, Hong Kong, PRC, 21 August 2017.
DEPARTMENT OF CHEMISTRY	
Scholarly books, monographs and chapters	
HOU Yunlong	# WONG Yan Lung , # HOU Yunlong , XU Zhengtao , "Metal-organic frameworks for heavy metal removal", <i>Elaboration and Applications of Metal-organic Frameworks</i> , Ma Shengqian and Perman Jason A. (eds), World Scientific Publishing Co. Pte. Ltd., ISBN: 978-981-3226-

Section A: Publications of PhD Students

	73-9,978-981-3226-74-6,9789813226722,9789813226739, Singapore, April 2018, pp 377-410.
WONG Yan Lung	# <u>WONG Yan Lung</u> , # <u>HOU Yunlong</u> , <u>XU Zhengtao</u> , "Metal-organic frameworks for heavy metal removal", <i>Elaboration and Applications of Metal-organic Frameworks</i> , Ma Shengqian and Perman Jason A. (eds), World Scientific Publishing Co. Pte. Ltd., ISBN: 978-981-3226-73-9,978-981-3226-74-6,9789813226722,9789813226739, Singapore, April 2018, pp 377-410.
Journal publications	
BAI Yanan	<u>LU Yong-Ze</u> , <u>LI Na</u> , <u>DING Zhao-Wei</u> , <u>FU Liang</u> , # <u>BAI Yanan</u> , <u>SHENG Guo-Ping</u> , <u>ZENG Raymond J.</u> , "Tracking the activity of the Anammox-DAMO process using excitation-emission matrix (EEM) fluorescence spectroscopy", <i>Water Research</i> , 122, 01 October 2017, pp 624-632, doi: https://doi.org/10.1016/j.watres.2017.06.036 .
	# <u>BAI Yanan</u> , <u>LU Yong-Ze</u> , <u>SHEN Nan</u> , <u>LAU T C</u> , <u>ZENG Raymond Jianxiong</u> , "Investigation of Cr(VI) reduction potential and mechanism by <i>Caldicellulosiruptor saccharolyticus</i> under glucose fermentation condition", <i>Journal of Hazardous Materials</i> , 344, 29 October 2017, pp 585-592, doi: https://doi.org/10.1016/j.jhazmat.2017.10.059 .
	<u>LU Yong-Ze</u> , <u>CHEN Guo-Jun</u> , # <u>BAI Yanan</u> , <u>FU Liang</u> , <u>QIN Li-Ping</u> , <u>ZENG Raymond Jianxiong</u> , "Chromium isotope fractionation during Cr(VI) reduction in a methane-based hollow-fiber membrane biofilm reactor", <i>Water Research</i> , 130, 07 December 2017, pp 263-270, doi: https://doi.org/10.1016/j.watres.2017.11.045 .
	<u>LU Yong-Ze</u> , <u>FU Liang</u> , <u>LI Na</u> , <u>DING Jing</u> , # <u>BAI Yanan</u> , <u>SAMARAS Petros</u> , <u>ZENG Raymond Jianxiong</u> , "The content of trace element iron is a key factor for competition between anaerobic ammonium oxidation and methane-dependent denitrification processes", <i>Chemosphere</i> , 198, 01 February 2018, pp 370-376, doi: https://doi.org/10.1016/j.chemosphere.2018.01.172 .
CHAN Kin Cheung	# <u>CHAN Kin Cheung</u> , <u>CHENG Shun Cheung</u> , <u>LO Tso Lun</u> , <u>YIU Shek Man Ken</u> , <u>KO Chi Chiu Vincent</u> , "Luminescent Charge-Neutral Copper(I) Phenanthroline Complexes with Isocyanoborate Ligand", <i>European Journal of Inorganic Chemistry</i> , 2018(7), 21 February 2018, pp 897-903, doi: https://doi.org/10.1002/ejic.201701205 .
CHAN Miu Shan	# <u>TAM Dick Yan</u> , # <u>LEUNG Hoi Man</u> , # <u>CHAN Miu Shan</u> , <u>LO Pik Kwan Peggy</u> , "G-Quadruplex-Mediated Molecular Switching of Self-Assembled 3D DNA Nanocages", <i>ChemNanoMat</i> , 3(10), 23 August 2017, pp 750-754, doi: https://doi.org/10.1002/cnma.201700172 .
CHEN Wencheng	# <u>ZHU Zelin</u> , <u>NI Shao-Fei</u> , # <u>CHEN Wencheng</u> , <u>YUAN Yi</u> , <u>TONG Qingxiao</u> , <u>WONG Fu Lung</u> , <u>LU Feng</u> , <u>LEE Chun Sing</u> , "A high performance deep-blue emitter with an anti-parallel dipole design", <i>Dyes and Pigments</i> , 146, 08 July 2017, pp 219-225, doi: https://doi.org/10.1016/j.dyepig.2017.07.008 .
	# <u>CHEN Wencheng</u> , <u>YUAN Yi</u> , # <u>ZHU Zelin</u> , <u>JIANG Zuo-Quan</u> , <u>SU Shi-Jian</u> , <u>LIAO Liang-Sheng</u> , <u>LEE Chun Sing</u> , "De novo design of D-σ-A molecules as universal hosts for monochrome and white phosphorescent organic light-emitting diodes", <i>Chemical Science</i> , 9(17), 08 March 2018, pp 4062-4070, doi: https://doi.org/10.1039/C8SC00282G , https://doi.org/10.1039/c8sc00282g .
	# <u>CHEN Wencheng</u> , <u>YUAN Yi</u> , # <u>ZHU Zelin</u> , <u>JIANG Zuo-Quan</u> , <u>LIAO Liang-Sheng</u> , <u>LEE Chun Sing</u> , "Polyphenylnaphthalene as a Novel Building Block for High-Performance Deep-Blue Organic Light-Emitting Devices", <i>Advanced Optical Materials</i> , 6(2), 19 December 2017, doi: https://doi.org/10.1002/adom.201700855 .
	# <u>CHEN Wencheng</u> , <u>YUAN Yi</u> , # <u>ZHU Zelin</u> , <u>NI Shao-Fei</u> , <u>JIANG Zuo-Quan</u> , <u>LIAO Liang-Sheng</u> , <u>WONG Fu Lung</u> , <u>LEE Chun Sing</u> , "A novel spiro-annulated benzimidazole host for highly efficient blue phosphorescent organic light-emitting devices", <i>Chemical communications (Cambridge, England)</i> , 54(36), 10 April 2018, pp 4541-4544, doi: https://doi.org/10.1039/C8CC00903A .
	# <u>ZHU Zelin</u> , <u>NI Shao-Fei</u> , # <u>CHEN Wencheng</u> , <u>CHEN Miao</u> , <u>ZHU Jie-Ji</u> , <u>YUAN Yi</u> , <u>TONG Qingxiao</u> , <u>WONG Fu Lung</u> , <u>LEE Chun Sing</u> , "Tuning electrical properties of phenanthroimidazole derivatives to construct multifunctional deep-blue electroluminescent materials", <i>Journal of Materials Chemistry C</i> , 6(14), 12 January 2018, pp 3584-3592, doi: https://doi.org/10.1039/c7tc04972b .

Section A: Publications of PhD Students

	<p>#CHEN Wencheng, LEE Chun Sing, TONG Qingxiao, "不对称刚性扭曲菲并咪唑分子的设计合成及其深蓝电致发光性能研究", <i>Yingxiang Kexue yu Guanghuaxue/Imaging Science and Photochemistry</i>, 35(5), September 2017, pp 720-728.</p> <p>#CHEN Wencheng, YUAN Yi, #XIONG Yuan, ROGACH Andrey, TONG Qingxiao, LEE Chun Sing, "Aromatically C6- and C9-Substituted Phenanthro[9,10-d]imidazole Blue Fluorophores: Structure-Property Relationship and Electroluminescent Application", <i>ACS applied materials & interfaces</i>, 9(31), 10 July 2017, pp 26268-26278, doi: https://doi.org/10.1021/acsami.7b06547.</p>
CHENG Shengxian	<p>#MA Xiaoxia, #CHENG Shengxian, HU Yan, YE Yinghua, SHEN Ruiqi, "Integrating micro-igniters with Al/Bi₂O₃/graphene oxide composite energetic films to realize tunable ignition performance", <i>Journal of Applied Physics</i>, 123(9), 06 March 2018, doi: https://doi.org/10.1063/1.5016576.</p>
DAI Ziwen	<p>#WU Guangfu, #DAI Ziwen, #TANG Xin, #LIN Zihong, LO Pik Kwan Peggy, MEYYAPPAN M., LAI Wai Chiu King, "Graphene Field-Effect Transistors for the Sensitive and Selective Detection of Escherichia coli Using Pyrene-Tagged DNA Aptamer", <i>Advanced healthcare materials</i>, 6(19), 11 October 2017, doi: https://doi.org/10.1002/adhm.201700736.</p> <p>#DAI Ziwen, LO Pik Kwan Peggy, "Photo-switchable patterning of gold nanoparticles along 3D DNA nanotubes", <i>Nanoscale</i>, 10(12), 19 February 2018, pp 5431-5435, doi: https://doi.org/10.1039/c7nr09650j.</p>
FARZANA Shazia	<p>#FARZANA Shazia, TAM Fung Yee Nora, "A combined effect of polybrominated diphenyl ether and aquaculture effluent on growth and antioxidative response of mangrove plants", <i>Chemosphere</i>, 201, 03 March 2018, pp 483-491, doi: https://doi.org/10.1016/j.chemosphere.2018.03.013.</p> <p>CHEN Juan, WANG Chao, #PAN Ying, #FARZANA Shazia, TAM Fung Yee Nora, "Biochar accelerates microbial reductive debromination of 2,2',4,4'-tetrabromodiphenyl ether (BDE-47) in anaerobic mangrove sediments", <i>Journal of Hazardous Materials</i>, 341, 28 July 2017, pp 177-186, doi: https://doi.org/10.1016/j.jhazmat.2017.07.063.</p>
FENG Ling	<p>#FENG Ling, CHHABRA Mohit, SO Wing Ho, ZHU Qing, XIA Jiang, SUN Hongyan, "A proximity-induced covalent fluorescent probe for selective detection of bromodomain 4", <i>Chinese Chemical Letters</i>, 29(7), 17 May 2018, pp 1147-1150, doi: https://doi.org/10.1016/j.ccllet.2018.05.031.</p> <p>WANG Yi, JIN Jing, CHUNG Matthew Wai Heng, #FENG Ling, SUN Hongyan, HAO Quan, "Identification of the YEATS domain of GAS41 as a pH-dependent reader of histone succinylation", <i>Proceedings of the National Academy of Sciences of the United States of America</i>, 115(10), 20 February 2018, pp 2365-2370, doi: https://doi.org/10.1073/pnas.1717664115.</p>
HOU Yunlong	<p>#XIAO Ran, TOBIN John M., ZHA Meiqin, #HOU Yunlong, HE Jun, VILELA Filipe, XU Zhengtao, "A nanoporous graphene analog for superfast heavy metal removal and continuous-flow visible-light photoredox catalysis", <i>Journal of Materials Chemistry A</i>, 5(38), 29 August 2017, pp 20180-20187, doi: https://doi.org/10.1039/c7ta05534j.</p> <p>HE Yonghe, #HOU Yunlong, #WONG Yan Lung, #XIAO Ran, #LI Muqing, HAO Zhifeng, HUANG Jian, WANG Lei, ZELLER Matthias, HE Jun, XU Zhengtao, "Improving stability against desolvation and mercury removal performance of Zr(IV)-carboxylate frameworks by using bulky sulfur functions", <i>Journal of Materials Chemistry A</i>, 6(4), 18 December 2017, pp 1648-1654, doi: https://doi.org/10.1039/c7ta06118h.</p> <p>#WONG Yan Lung, YEE Ka Kit, #HOU Yunlong, #LI Jiaqian, WANG Zuankai, ZELLER Matthias, HUNTER Allen D., XU Zhengtao, "Single-Crystalline UiO-67-Type Porous Network Stable to Boiling Water, Solvent Loss, and Oxidation", <i>Inorganic Chemistry</i>, 57(11), 21 May 2018, pp 6198-6201, doi: https://doi.org/10.1021/acs.inorgchem.8b00404.</p> <p>#HOU Yunlong, PI Yunhong, ZHOU Xiao-Ping, LI Dan, "An in Situ Embedded Square-Planar Cu^{II}/Ni^{II}N₄ Metalloligand in Coordination Polymers for Visible-Light Photocatalysis", <i>Inorganic Chemistry</i>, 57(5), 14 February 2018, pp 2377-2380, doi: https://doi.org/10.1021/acs.inorgchem.7b03068.</p>
LEE Cho Cheung	<p>#LEE Cho Cheung, #LEUNG Kam Keung, LO Kam Wing Kenneth, "Recent development of luminescent rhenium(I) tricarbonyl polypyridine complexes as cellular imaging reagents,</p>

Section A: Publications of PhD Students

	anticancer drugs, and antibacterial agents", <i>Dalton Transactions</i> , 46(47), 18 October 2017, pp 16357-16380, doi: https://doi.org/10.1039/c7dt03465b .
LEUNG Hoi Man	# LIU Ling Sum , # LEUNG Hoi Man , # TAM Dick Yan , LO Tsz Wan , WONG Sze Wing , LO Pik Kwan Peggy , " α -L-Threose Nucleic Acids as Biocompatible Antisense Oligonucleotides for Suppressing Gene Expression in Living Cells", <i>ACS applied materials & interfaces</i> , 10(11), 23 February 2018, pp 9736-9743, doi: https://doi.org/10.1021/acsami.8b01180 .
	# TAM Dick Yan , # LEUNG Hoi Man , # CHAN Miu Shan , LO Pik Kwan Peggy , "G-Quadruplex-Mediated Molecular Switching of Self-Assembled 3D DNA Nanocages", <i>ChemNanoMat</i> , 3(10), 23 August 2017, pp 750-754, doi: https://doi.org/10.1002/cnma.201700172 .
LEUNG Kam Keung	# LEE Cho Cheung , # LEUNG Kam Keung , LO Kam Wing Kenneth , "Recent development of luminescent rhenium(I) tricarbonyl polypyridine complexes as cellular imaging reagents, anticancer drugs, and antibacterial agents", <i>Dalton Transactions</i> , 46(47), 18 October 2017, pp 16357-16380, doi: https://doi.org/10.1039/c7dt03465b .
LI Cai	# MA Lili , # WANG Na , MA Rong , # LI Cai , # XU Zoufeng , TSE Man Kit , ZHU Guangyu , "Monochalcoplatin: An Actively Transported, Quickly Reducible, and Highly Potent Pt ^{IV} Anticancer Prodrug", <i>Angewandte Chemie - International Edition</i> , 57(29), 28 May 2018, pp 9098-9102, doi: https://doi.org/10.1002/anie.201804314 .
	# MA Lili , # LIN Xudong , # LI Cai , # XU Zoufeng , CHAN Chun-Yin , TSE Man Kit , SHI Peng , ZHU Guangyu , "A Cancer Cell-Selective and Low-Toxic Bifunctional Heterodinuclear Pt(IV)-Ru(II) Anticancer Prodrug", <i>Inorganic Chemistry</i> , 57(5), 13 February 2018, pp 2917-2924, doi: https://doi.org/10.1021/acs.inorgchem.8b00053 .
	# XU Zoufeng , # CHAN Ho Ming , # LI Cai , # WANG Zhigang , TSE Man Kit , # TONG Zixuan , ZHU Guangyu , "Synthesis, Structure, and Cytotoxicity of Oxaliplatin-Based Platinum(IV) Anticancer Prodrugs Bearing One Axial Fluoride", <i>Inorganic Chemistry</i> , 57(14), 26 June 2018, pp 8227-8235, doi: https://doi.org/10.1021/acs.inorgchem.8b00706 .
	# LI Cai , IP Kwok Wa , MAN Wai Lun , # SONG Dan , HE Mingliang , YIU Shek Man Ken , LAU T C , ZHU Guangyu , "Cytotoxic (salen)ruthenium(III) anticancer complexes exhibit different modes of cell death directed by axial ligands", <i>Chemical Science</i> , 8(10), 01 October 2017, pp 6865-6870, doi: https://doi.org/10.1039/C7SC02205K .
LI Chenxuan	# LI Chenxuan , CHEN Chang-Bin , LU Jia-Yuan , CUI Shuo , # LI Jie , LIU Hou-Qi , LI Wen-Wei , ZHANG Feng , "Metal organic framework-derived CoMn ₂ O ₄ catalyst for heterogeneous activation of peroxymonosulfate and sulfanilamide degradation", <i>Chemical Engineering Journal</i> , 337, 16 December 2017, pp 101-109, doi: https://doi.org/10.1016/j.cej.2017.12.069 .
LI Jie	# LI Chenxuan , CHEN Chang-Bin , LU Jia-Yuan , CUI Shuo , # LI Jie , LIU Hou-Qi , LI Wen-Wei , ZHANG Feng , "Metal organic framework-derived CoMn ₂ O ₄ catalyst for heterogeneous activation of peroxymonosulfate and sulfanilamide degradation", <i>Chemical Engineering Journal</i> , 337, 16 December 2017, pp 101-109, doi: https://doi.org/10.1016/j.cej.2017.12.069 .
LI Muqing	HE Yonghe , # HOU Yunlong , # WONG Yan Lung , # XIAO Ran , # LI Muqing , HAO Zhifeng , HUANG Jian , WANG Lei , ZELLER Matthias , HE Jun , XU Zhengtao , "Improving stability against desolvation and mercury removal performance of Zr(IV)-carboxylate frameworks by using bulky sulfur functions", <i>Journal of Materials Chemistry A</i> , 6(4), 18 December 2017, pp 1648-1654, doi: https://doi.org/10.1039/c7ta06118h .
LIU Ling Sum	# LIU Ling Sum , # LEUNG Hoi Man , # TAM Dick Yan , LO Tsz Wan , WONG Sze Wing , LO Pik Kwan Peggy , " α -L-Threose Nucleic Acids as Biocompatible Antisense Oligonucleotides for Suppressing Gene Expression in Living Cells", <i>ACS applied materials & interfaces</i> , 10(11), 23 February 2018, pp 9736-9743, doi: https://doi.org/10.1021/acsami.8b01180 .
LIU Yuan	# LIU Yuan , LIU Guijian , YUAN Zijiao , LIU Houqi , LAM Kwan Sing Paul , "Presence of arsenic, mercury and vanadium in aquatic organisms of Laizhou Bay and their potential health risk", <i>Marine Pollution Bulletin</i> , 125(1-2), 28 September 2017, pp 334-340, doi: https://doi.org/10.1016/j.marpolbul.2017.09.045 .
LO Hoi Shing	# LO Hoi Shing , # XU Xiaoyu , WONG Chun Yuen Alex , CHEUNG Siu Gin , "Comparisons of microplastic pollution between mudflats and sandy beaches in Hong Kong", <i>Environmental Pollution</i> , 236, 07 March 2018, pp 208-217, doi: https://doi.org/10.1016/j.envpol.2018.01.031 .

Section A: Publications of PhD Students

	<p>#LO Hoi Shing, LO Ka Wai, #YEUNG Chi Fung, WONG Chun Yuen Alex, "Rapid visual and spectrophotometric nitrite detection by cyclometalated ruthenium complex", <i>Analytica Chimica Acta</i>, 990, 14 July 2017, pp 135-140, doi: https://doi.org/10.1016/j.aca.2017.07.018.</p>
	<p>#NG Sze Wing, CHUNG Lai Hon, #YEUNG Chi Fung, #LO Hoi Shing, SHEK Hau-Lam, KANG Tian-Shu, LEUNG Chung Hang, MA Dik-Lung, WONG Chun Yuen Alex, "Metalated Chromene and Chromone Complexes: pH Switchable Metal–Carbon Bonding Interaction, Photo-triggerable Chromone Delivery Application, and Antioxidative Activity", <i>Chemistry - A European Journal</i>, 24(8), 07 December 2017, pp 1779-1783, doi: https://doi.org/10.1002/chem.201705450.</p>
MA Chungqing	<p>#MA Chungqing, #SHEN Dong, #QING Jian, NG Tsz Wai, LO Ming Fai, LEE Chun Sing, "Heat Treatment for Regenerating Degraded Low-Dimensional Perovskite Solar Cells", <i>ACS applied materials & interfaces</i>, 10(5), 29 December 2017, pp 4860-4865, doi: https://doi.org/10.1021/acsami.7b15059.</p>
	<p>#XU Xiuwen, #MA Chungqing, #XIE Yuemin, #CHENG Yuanhang, TIAN Yameng, #LI Menglin, #MA Yuhui, LEE Chun Sing, TSANG Sai Wing, "Air-processed mixed-cation Cs_{0.15}FA_{0.85}PbI₃ planar perovskite solar cells derived from a PbI₂-CsI-FAI intermediate complex", <i>Journal of Materials Chemistry A</i>, 6(17), 22 March 2018, pp 7731-7740, doi: https://doi.org/10.1039/c8ta01049h.</p>
	<p>#MA Chungqing, #SHEN Dong, NG Tsz Wai, LO Ming Fai, LEE Chun Sing, "2D Perovskites with Short Interlayer Distance for High-Performance Solar Cell Application", <i>Advanced Materials</i>, 30(22), 17 April 2018, doi: https://doi.org/10.1002/adma.201800710.</p>
	<p>#MA Chungqing, LO Ming Fai, LEE Chun Sing, "Stabilization of organometallic halide perovskite nanocrystals in aqueous solutions and their applications in copper ion detection", <i>Chemical communications (Cambridge, England)</i>, 54(45), 14 May 2018, pp 5784-5787, doi: https://doi.org/10.1039/c8cc02221f.</p>
	<p>#XIE Yuemin, YU Binbin, #MA Chungqing, #XU Xiuwen, #CHENG Yuanhang, YUAN Shuai, WANG Zhao-Kui, #THACHOTH CHANDRAN Hrisheekesh, LEE Chun Sing, LIAO Liang-Sheng, TSANG Sai Wing, "Direct observation of cation-exchange in liquid-to-solid phase transformation in FA_{1-x}MA_xPbI₃ based perovskite solar cells", <i>Journal of Materials Chemistry A</i>, 6(19), 11 April 2018, pp 9081-9088, doi: https://doi.org/10.1039/c8ta01642a.</p>
	<p>ZHANG Deqing, #CHENG Junye, CHAI Jixing, DENG Jiji, REN Ran, SU Yang, WANG Hao, #MA Chungqing, LEE Chun Sing, ZHANG Wenjun, ZHENG Guang-Ping, CAO Maosheng, "Magnetic-field-induced dielectric behaviors and magneto-electrical coupling of multiferroic compounds containing cobalt ferrite/barium calcium titanate composite fibers", <i>Journal of Alloys and Compounds</i>, 740, 05 April 2018, pp 1067-1076, doi: https://doi.org/10.1016/j.jallcom.2018.01.081.</p>
	<p>#CHENG Yuanhang, #XU Xiuwen, #XIE Yuemin, #LI Ho Wa, #QING Jian, #MA Chungqing, LEE Chun Sing, SO Franky, TSANG Sai Wing, "18% High-Efficiency Air-Processed Perovskite Solar Cells Made in a Humid Atmosphere of 70% RH", <i>SOLAR RRL</i>, 1(9), 20 July 2017, doi: https://doi.org/10.1002/solr.201700097.</p>
	<p>#MA Chungqing, #SHEN Dong, LO Ming Fai, LEE Chun Sing, "A Lead Iodide Perovskite Based on a Large Organic Cation for Solar Cell Applications", <i>Angewandte Chemie - International Edition</i>, 57(31), 06 June 2018, pp 9941-9944, doi: https://doi.org/10.1002/anie.201805823.</p>
MA Lili	<p>#MA Lili, #WANG Na, MA Rong, #LI Cai, #XU Zoufeng, TSE Man Kit, ZHU Guangyu, "Monochalcoplatin: An Actively Transported, Quickly Reducible, and Highly Potent Pt^{IV} Anticancer Prodrug", <i>Angewandte Chemie - International Edition</i>, 57(29), 28 May 2018, pp 9098-9102, doi: https://doi.org/10.1002/anie.201804314.</p>
	<p>#MA Lili, #LIN Xudong, #LI Cai, #XU Zoufeng, CHAN Chun-Yin, TSE Man Kit, SHI Peng, ZHU Guangyu, "A Cancer Cell-Selective and Low-Toxic Bifunctional Heterodinuclear Pt(IV)-Ru(II) Anticancer Prodrug", <i>Inorganic Chemistry</i>, 57(5), 13 February 2018, pp 2917-2924, doi: https://doi.org/10.1021/acs.inorgchem.8b00053.</p>
MA Linlin	<p>SHEN Xiao-Fei, HU Hao, #MA Linlin, LAM Kwan Sing Paul, YAN Shao-Kai, ZHOU Shou-Biao, ZENG Raymond Jianxiong, "FAMEs production from <i>Scenedesmus obliquus</i> in autotrophic, heterotrophic and mixotrophic cultures under different nitrogen conditions",</p>

Section A: Publications of PhD Students

	<p><i>Environmental Science: Water Research and Technology</i>, 4(3), 05 February 2018, pp 461-468, doi: https://doi.org/10.1039/c7ew00470b.</p> <p>HU Hao, #MA Linlin, #SHEN Xiaofei, LI Jia-Yun, WANG Hou-Feng, ZENG Raymond Jianxiang, "Effect of cultivation mode on the production of docosaehaenoic acid by <i>Tisochrysis lutea</i>", <i>AMB Express</i>, 8, 30 March 2018, doi: https://doi.org/10.1186/s13568-018-0580-9.</p>
MO Jiezhang	<p>#MO Jiezhang, LIN Derun, WANG Jingzhen, LI Ping, LIU Wenhua, "Apoptosis in HepG2 cells induced by zinc pyrithione via mitochondrial dysfunction pathway: Involvement of zinc accumulation and oxidative stress", <i>Ecotoxicology and Environmental Safety</i>, 161, 15 June 2018, pp 515-525, doi: https://doi.org/10.1016/j.ecoenv.2018.06.026.</p>
NG Sze Wing	<p>#NG Sze Wing, CHUNG Lai Hon, #YEUNG Chi Fung, #LO Hoi Shing, SHEK Hau-Lam, KANG Tian-Shu, LEUNG Chung Hang, MA Dik-Lung, WONG Chun Yuen Alex, "Metalated Chromene and Chromone Complexes: pH Switchable Metal–Carbon Bonding Interaction, Photo-triggerable Chromone Delivery Application, and Antioxidative Activity", <i>Chemistry - A European Journal</i>, 24(8), 07 December 2017, pp 1779-1783, doi: https://doi.org/10.1002/chem.201705450.</p>
PAN Xinrong	<p>#PAN Xinrong, LI Wen-Wei, HUANG Liang, LIU Hou-Qi, WANG Yun-Kun, GENG Yi-Kun, LAM Kwan Sing Paul, YU Han-Qing, "Recovery of high-concentration volatile fatty acids from wastewater using an acidogenesis-electrodialysis integrated system", <i>Bioresource Technology</i>, 260, 28 March 2018, pp 61-67, doi: https://doi.org/10.1016/j.biortech.2018.03.083.</p> <p>#PAN Xinrong, WANG Yun-Kun, LI Wen-Wei, WANG Yan-Shan, WANG Xu, CHENG Yun, GENG Yi-Kun, LI Chen-Xuan, LAM Kwan Sing Paul, YU Han-Qing, "Selective co-production of acetate and methane from wastewater during mesophilic anaerobic fermentation under acidic conditions", <i>Environmental Science: Water Research and Technology</i>, 3(4), 01 July 2017, pp 720-725, doi: https://doi.org/10.1039/c6ew00337k.</p>
PAN Ying	<p>#PAN Ying, CHEN Juan, ZHOU Haichao, TAM Fung Yee Nora, "Changes in microbial community during removal of BDE-153 in four types of aquatic sediments", <i>Science of the Total Environment</i>, 613-614, 18 September 2017, pp 644-652, doi: https://doi.org/10.1016/j.scitotenv.2017.09.130.</p> <p>CHEN Juan, WANG Chao, #PAN Ying, #FARZANA Shazia, TAM Fung Yee Nora, "Biochar accelerates microbial reductive debromination of 2,2',4,4'-tetrabromodiphenyl ether (BDE-47) in anaerobic mangrove sediments", <i>Journal of Hazardous Materials</i>, 341, 28 July 2017, pp 177-186, doi: https://doi.org/10.1016/j.jhazmat.2017.07.063.</p>
PETERSON Drew Ryan	<p>#DONG Miao, SEEMANN Frauke, HUMBLE Joseph Liam, LIANG Yimin, #PETERSON Drew Ryan, YE Rui, REN Honglin, KIM Hui-Su, LEE Jae-Seong, AU Wai Ting Doris, LAM Yun Wah, "Modification of the plasma complement protein profile by exogenous estrogens is indicative of a compromised immune competence in marine medaka (<i>Oryzias melastigma</i>)", <i>Fish and Shellfish Immunology</i>, 70, November 2017, pp 260-269, doi: https://doi.org/10.1016/j.fsi.2017.09.020.</p> <p>CHEN Lianguo, HU Chenyan, TSUI Mei Po Mirabelle, #WAN Teng, #PETERSON Drew Ryan, SHI Qipeng, LAM Kwan Sing Paul, AU Wai Ting Doris, LAM Chung Wah, ZHOU Bingsheng, "Multigenerational Disruption of the Thyroid Endocrine System in Marine Medaka after a Life-Cycle Exposure to Perfluorobutanesulfonate", <i>Environmental Science and Technology</i>, 52(7), 22 March 2018, pp 4432-4439, doi: https://doi.org/10.1021/acs.est.8b00700.</p>
SHEN Dong	<p>ZHAO Chuanyong, CAI Yi, YIN Kaili, LI Haizhao, #SHEN Dong, QIN Ning, LU Zhouguang, LIU Chaoping, WANG Hongen, "Carbon-bonded, oxygen-deficient TiO₂ nanotubes with hybridized phases for superior Na-ion storage", <i>Chemical Engineering Journal</i>, 350, 01 June 2018, pp 201-208, doi: https://doi.org/10.1016/j.cej.2018.05.194.</p> <p>#MA Chungqing, #SHEN Dong, #QING Jian, NG Tsz Wai, LO Ming Fai, LEE Chun Sing, "Heat Treatment for Regenerating Degraded Low-Dimensional Perovskite Solar Cells", <i>ACS applied materials & interfaces</i>, 10(5), 29 December 2017, pp 4860-4865, doi: https://doi.org/10.1021/acsami.7b15059.</p> <p>#MA Chungqing, #SHEN Dong, NG Tsz Wai, LO Ming Fai, LEE Chun Sing, "2D Perovskites with Short Interlayer Distance for High-Performance Solar Cell Application", <i>Advanced Materials</i>, 30(22), 17 April 2018, doi: https://doi.org/10.1002/adma.201800710.</p>

Section A: Publications of PhD Students

	# MA Chungqing , # SHEN Dong , LO Ming Fai , LEE Chun Sing , "A Lead Iodide Perovskite Based on a Large Organic Cation for Solar Cell Applications", <i>Angewandte Chemie - International Edition</i> , 57(31), 06 June 2018, pp 9941-9944, doi: https://doi.org/10.1002/anie.201805823 .
TAM Dick Yan	# LIU Ling Sum , # LEUNG Hoi Man , # TAM Dick Yan , LO Tsz Wan , WONG Sze Wing , LO Pik Kwan Peggy , " α -L-Threose Nucleic Acids as Biocompatible Antisense Oligonucleotides for Suppressing Gene Expression in Living Cells", <i>ACS applied materials & interfaces</i> , 10(11), 23 February 2018, pp 9736-9743, doi: https://doi.org/10.1021/acsami.8b01180 .
	# TAM Dick Yan , # LEUNG Hoi Man , # CHAN Miu Shan , LO Pik Kwan Peggy , "G-Quadruplex-Mediated Molecular Switching of Self-Assembled 3D DNA Nanocages", <i>ChemNanoMat</i> , 3(10), 23 August 2017, pp 750-754, doi: https://doi.org/10.1002/cnma.201700172 .
TAN Yi	JIANG Yin , ZHENG Guansheng , CAI Ning , ZHANG Huatang , # TAN Yi , HUANG Mengjiao , HE Yonghe , HE Jun , SUN Hongyan , "A fast-response fluorescent probe for hypochlorous acid detection and its application in exogenous and endogenous HOCl imaging of living cells", <i>Chemical communications (Cambridge, England)</i> , 53(91), 26 October 2017, pp 12349-12352, doi: https://doi.org/10.1039/c7cc07373a .
TSO Ka Shun	# TSO Ka Shun , LIU Huawei , LO Kam Wing Kenneth , "Phosphorogenic sensors for biothiols derived from cyclometalated iridium(III) polypyridine complexes containing a dinitrophenyl ether moiety", <i>Journal of Inorganic Biochemistry</i> , 177, 12 September 2017, pp 412-422, doi: https://doi.org/10.1016/j.jinorgbio.2017.08.037 .
WAN Teng	TONOYAMA Yasuhiro , SHINYA Minori , TOYODA Atsushi , KITANO Takeshi , OGA Atsunori , NISHIMAKI Toshiyuki , KATSUMURA Takafumi , OOTA Hiroki , # WAN Teng , YIP Wun Piu , MOK Oi Lam Helen , CHISADA Shinichi , DEGUCHI Tomonori , AU Wai Ting Doris , NARUSE Kiyoshi , KAMEI Yasuhiro , TANIGUCHI Yoshihito , "Abnormal nuclear morphology is independent of longevity in a <i>zmpste24</i> -deficient fish model of Hutchinson-Gilford progeria syndrome (HGPS)", <i>Comparative Biochemistry and Physiology - C Pharmacology Toxicology and Endocrinology</i> , 209, 19 March 2018, pp 54-62, doi: https://doi.org/10.1016/j.cbpc.2018.03.006 .
	LAI Keng Po , LI Jing Woei , WANG Simon Yuan , # WAN Teng , CHAN Ting Fung , LUI Wing Yee , WU Shiu Sun Rudolf , AU Wai Ting Doris , KONG Yuen Chong Richard , "Transcriptomic analysis reveals transgenerational effect of hypoxia on the neural control of testicular functions", <i>Aquatic Toxicology</i> , 195, 16 December 2017, pp 41-48, doi: https://doi.org/10.1016/j.aquatox.2017.12.005 .
	CHEN Lianguo , HU Chenyan , TSUI Mei Po Mirabelle , # WAN Teng , # PETERSON Drew Ryan , SHI Qipeng , LAM Kwan Sing Paul , AU Wai Ting Doris , LAM Chung Wah , ZHOU Bingsheng , "Multigenerational Disruption of the Thyroid Endocrine System in Marine Medaka after a Life-Cycle Exposure to Perfluorobutanesulfonate", <i>Environmental Science and Technology</i> , 52(7), 22 March 2018, pp 4432-4439, doi: https://doi.org/10.1021/acs.est.8b00700 .
WANG Na	# MA Lili , # WANG Na , MA Rong , # LI Cai , # XU Zoufeng , TSE Man Kit , ZHU Guangyu , "Monochalcoplatin: An Actively Transported, Quickly Reducible, and Highly Potent Pt ^{IV} Anticancer Prodrug", <i>Angewandte Chemie - International Edition</i> , 57(29), 28 May 2018, pp 9098-9102, doi: https://doi.org/10.1002/anie.201804314 .
	# AI Fujin , # WANG Na , ZHANG Xiaoman , # SUN Tianying , # ZHU Qi , # KONG Wei , WANG Feng , ZHU Guangyu , "An upconversion nanoplatfrom with extracellular pH-driven tumor-targeting ability for improved photodynamic therapy", <i>Nanoscale</i> , 10(9), 24 January 2018, pp 4432-4441, doi: https://doi.org/10.1039/c7nr06874c .
	# WANG Na , # WANG Zhigang , # XU Zoufeng , CHEN Xianfeng , ZHU Guangyu , "A Cisplatin-Loaded Immunochemotherapeutic Nanohybrid Bearing Immune Checkpoint Inhibitors for Enhanced Cervical Cancer Therapy", <i>Angewandte Chemie - International Edition</i> , 57(13), 27 February 2018, pp 3426-3430, doi: https://doi.org/10.1002/anie.201800422 .
WONG Yan Lung	HE Yonghe , HU Jie-Ying , # WONG Yan Lung , # DIAO Yingxue , XIAN Wan-Ru , HE Jun , ZELLER Matthias , XU Zhengtao , "Beadwork and Network: Strings of Silver Ions Stitch Large- π Pyrazolate Patches into a Two-dimensional Sheet", <i>Crystal Growth and Design</i> , 18(7), 19 June 2018, pp 3713-3718, doi: https://doi.org/10.1021/acs.cgd.8b00447 .
	HE Yonghe , # HOU Yunlong , # WONG Yan Lung , # XIAO Ran , # LI Muqing , HAO Zhifeng , HUANG Jian , WANG Lei , ZELLER Matthias , HE Jun , XU Zhengtao , "Improving stability against desolvation and mercury removal performance of Zr(IV)-carboxylate frameworks by using

Section A: Publications of PhD Students

	bulky sulfur functions", <i>Journal of Materials Chemistry A</i> , 6(4), 18 December 2017, pp 1648-1654, doi: https://doi.org/10.1039/c7ta06118h .
	#WONG Yan Lung, YEE Ka Kit, #HOU Yunlong, #LI Jiaqian, WANG Zuankai, ZELLER Matthias, HUNTER Allen D., XU Zhengtao, "Single-Crystalline UiO-67-Type Porous Network Stable to Boiling Water, Solvent Loss, and Oxidation", <i>Inorganic Chemistry</i> , 57(11), 21 May 2018, pp 6198-6201, doi: https://doi.org/10.1021/acs.inorgchem.8b00404 .
	LIU Jie, #XIAO Ran, #WONG Yan Lung, ZHOU Xiao-Ping, ZELLER Matthias, HUNTER Allen D., FANG Qianrong, LIAO Li, XU Zhengtao, "Made in Water: A Stable Microporous Cu(I)-carboxylate Framework (CityU-7) for CO ₂ , Water, and Iodine Uptake", <i>Inorganic Chemistry</i> , 57(9), 17 April 2018, pp 4807-4811, doi: https://doi.org/10.1021/acs.inorgchem.8b00481 .
XIAO Ran	#XIAO Ran, TOBIN John M., ZHA Meiqin, #HOU Yunlong, HE Jun, VILELA Filipe, XU Zhengtao, "A nanoporous graphene analog for superfast heavy metal removal and continuous-flow visible-light photoredox catalysis", <i>Journal of Materials Chemistry A</i> , 5(38), 29 August 2017, pp 20180-20187, doi: https://doi.org/10.1039/c7ta05534j .
	HE Yonghe, #HOU Yunlong, #WONG Yan Lung, #XIAO Ran, #LI Muqing, HAO Zhifeng, HUANG Jian, WANG Lei, ZELLER Matthias, HE Jun, XU Zhengtao, "Improving stability against desolvation and mercury removal performance of Zr(IV)-carboxylate frameworks by using bulky sulfur functions", <i>Journal of Materials Chemistry A</i> , 6(4), 18 December 2017, pp 1648-1654, doi: https://doi.org/10.1039/c7ta06118h .
	LIU Jie, #XIAO Ran, #WONG Yan Lung, ZHOU Xiao-Ping, ZELLER Matthias, HUNTER Allen D., FANG Qianrong, LIAO Li, XU Zhengtao, "Made in Water: A Stable Microporous Cu(I)-carboxylate Framework (CityU-7) for CO ₂ , Water, and Iodine Uptake", <i>Inorganic Chemistry</i> , 57(9), 17 April 2018, pp 4807-4811, doi: https://doi.org/10.1021/acs.inorgchem.8b00481 .
XIAO Yelan	NG Chi On, FENG Hua, CHENG Shun Cheung, #XIAO Yelan, LO Tso Lun, KO Chi Chiu Vincent, "Photoredox Catalysis of Cyclometalated Ir(III) Complex for the Conversion of Amines to Fluorinated Alkyl Amides", <i>Asian Journal of Organic Chemistry</i> , 7(8), 08 June 2018, pp 1587-1590, doi: https://doi.org/10.1002/ajoc.201800342 .
XU Xiaoyu	#LO Hoi Shing, #XU Xiaoyu, WONG Chun Yuen Alex, CHEUNG Siu Gin, "Comparisons of microplastic pollution between mudflats and sandy beaches in Hong Kong", <i>Environmental Pollution</i> , 236, 07 March 2018, pp 208-217, doi: https://doi.org/10.1016/j.envpol.2018.01.031 .
XU Zoufeng	#MA Lili, #WANG Na, MA Rong, #LI Cai, #XU Zoufeng, TSE Man Kit, ZHU Guangyu, "Monochalcoplatin: An Actively Transported, Quickly Reducible, and Highly Potent Pt ^{IV} Anticancer Prodrug", <i>Angewandte Chemie - International Edition</i> , 57(29), 28 May 2018, pp 9098-9102, doi: https://doi.org/10.1002/anie.201804314 .
	#MA Lili, #LIN Xudong, #LI Cai, #XU Zoufeng, CHAN Chun-Yin, TSE Man Kit, SHI Peng, ZHU Guangyu, "A Cancer Cell-Selective and Low-Toxic Bifunctional Heterodinuclear Pt(IV)-Ru(II) Anticancer Prodrug", <i>Inorganic Chemistry</i> , 57(5), 13 February 2018, pp 2917-2924, doi: https://doi.org/10.1021/acs.inorgchem.8b00053 .
	#XU Zoufeng, #CHAN Ho Ming, #LI Cai, #WANG Zhigang, TSE Man Kit, #TONG Zixuan, ZHU Guangyu, "Synthesis, Structure, and Cytotoxicity of Oxaliplatin-Based Platinum(IV) Anticancer Prodrugs Bearing One Axial Fluoride", <i>Inorganic Chemistry</i> , 57(14), 26 June 2018, pp 8227-8235, doi: https://doi.org/10.1021/acs.inorgchem.8b00706 .
	#WANG Na, #WANG Zhigang, #XU Zoufeng, CHEN Xianfeng, ZHU Guangyu, "A Cisplatin-Loaded Immunochemotherapeutic Nanohybrid Bearing Immune Checkpoint Inhibitors for Enhanced Cervical Cancer Therapy", <i>Angewandte Chemie - International Edition</i> , 57(13), 27 February 2018, pp 3426-3430, doi: https://doi.org/10.1002/anie.201800422 .
YANG Liu	JIANG Yin, ZHENG Guansheng, DUAN Qinya, #YANG Liu, ZHANG Jie, ZHANG Huatang, HE Jun, SUN Hongyan, HO Derek, "Ultra-sensitive fluorescent probes for hypochlorite acid detection and exogenous/endogenous imaging of living cells", <i>Chemical Communications (London)</i> , 54(57), 2018, pp 7967-7970, doi: https://doi.org/10.1039/c8cc03963a .
YAU Man Shan	HO Ka Lok, #YUEN Ka Ki, #YAU Man Shan, MURPHY Margaret Burkhardt, WAN Yi, FONG Bonnie M.-W., TAM Sidney, GIESY John Paul, LEUNG Kelvin S.-Y., LAM Hon Wah Michael, "Glucuronide and Sulfate Conjugates of Bisphenol A: Chemical Synthesis and Correlation Between Their Urinary Levels and Plasma Bisphenol A Content in Voluntary Human

Section A: Publications of PhD Students

	Donors", <i>Archives of Environmental Contamination and Toxicology</i> , 73(3), 02 August 2017, pp 410-420, doi: https://doi.org/10.1007/s00244-017-0438-1 .
YEUNG Chi Fung	# <u>LO Hoi Shing</u> , <u>LO Ka Wai</u> , # <u>YEUNG Chi Fung</u> , <u>WONG Chun Yuen Alex</u> , "Rapid visual and spectrophotometric nitrite detection by cyclometalated ruthenium complex", <i>Analytica Chimica Acta</i> , 990, 14 July 2017, pp 135-140, doi: https://doi.org/10.1016/j.aca.2017.07.018 .
	# <u>NG Sze Wing</u> , <u>CHUNG Lai Hon</u> , # <u>YEUNG Chi Fung</u> , # <u>LO Hoi Shing</u> , <u>SHEK Hau-Lam</u> , <u>KANG Tian-Shu</u> , <u>LEUNG Chung Hang</u> , <u>MA Dik-Lung</u> , <u>WONG Chun Yuen Alex</u> , "Metalated Chromene and Chromone Complexes: pH Switchable Metal–Carbon Bonding Interaction, Photo-triggerable Chromone Delivery Application, and Antioxidative Activity", <i>Chemistry - A European Journal</i> , 24(8), 07 December 2017, pp 1779-1783, doi: https://doi.org/10.1002/chem.201705450 .
YIP Man Hei	# <u>YIP Man Hei</u> , <u>LO Kam Wing Kenneth</u> , "Luminescent rhenium(I), ruthenium(II), and iridium(III) polypyridine complexes containing a poly(ethylene glycol) pendant or bioorthogonal reaction group as biological probes and photocytotoxic agents", <i>Coordination Chemistry Reviews</i> , 361, 15 April 2018, pp 138-163, doi: https://doi.org/10.1016/j.ccr.2018.01.021 .
YUEN Ka Ki	<u>HO Ka Lok</u> , # <u>YUEN Ka Ki</u> , # <u>YAU Man Shan</u> , <u>MURPHY Margaret Burkhardt</u> , <u>WAN Yi</u> , <u>FONG Bonnie M.-W.</u> , <u>TAM Sidney</u> , <u>GIESY John Paul</u> , <u>LEUNG Kelvin S.-Y.</u> , <u>LAM Hon Wah Michael</u> , "Glucuronide and Sulfate Conjugates of Bisphenol A: Chemical Synthesis and Correlation Between Their Urinary Levels and Plasma Bisphenol A Content in Voluntary Human Donors", <i>Archives of Environmental Contamination and Toxicology</i> , 73(3), 02 August 2017, pp 410-420, doi: https://doi.org/10.1007/s00244-017-0438-1 .
ZHANG Kai	# <u>ZHANG Kai</u> , <u>SHI Huahong</u> , <u>PENG Jinping</u> , <u>WANG Yinghui</u> , <u>XIONG Xiong</u> , <u>WU Chenxi</u> , <u>LAM Kwan Sing Paul</u> , "Microplastic pollution in China's inland water systems: A review of findings, methods, characteristics, effects, and management", <i>Science of the Total Environment</i> , 630, 20 March 2018, pp 1641-1653, doi: https://doi.org/10.1016/j.scitotenv.2018.02.300 .
	<u>XIONG Xiong</u> , # <u>ZHANG Kai</u> , <u>CHEN Xianchuan</u> , <u>SHI Huahong</u> , <u>LUO Ze</u> , <u>WU Chenxi</u> , "Sources and distribution of microplastics in China's largest inland lake – Qinghai Lake", <i>Environmental Pollution</i> , 235, April 2018, pp 899-906, doi: https://doi.org/10.1016/j.envpol.2017.12.081 .
ZHAO Chao	# <u>ZHAO Chao</u> , <u>SUN Shenmei</u> , <u>TONG Wah Leung</u> , <u>CHAN Michael Chi Wang</u> , "Poly(Zn-salphen)- <i>alt</i> -(<i>p</i> -phenyleneethynylene)s as Dynamic Helical Metallopolymers: Luminescent Properties and Conformational Behavior", <i>Macromolecules</i> , 50(17), 17 August 2017, pp 6896-6902, doi: https://doi.org/10.1021/acs.macromol.7b01269 .
ZHAO Hongyan	# <u>ZHAO Hongyan</u> , <u>LAU Kai Chung</u> , <u>GARCIA Gustavo A.</u> , <u>NAHON Laurent</u> , <u>CARNIATO Stéphane</u> , <u>POISSON Lionel</u> , <u>SCHWELL Martin</u> , <u>AL-MOGREN Muneerah Mogren</u> , <u>HOCHLAF Majdi</u> , "Unveiling the complex vibronic structure of the canonical adenine cation", <i>Physical Chemistry Chemical Physics</i> , 20(32), 28 June 2018, pp 20756-20765, doi: https://doi.org/10.1039/c8cp02930j .
	<u>WANG Qian</u> , # <u>ZHAO Hongyan</u> , <u>LO Po Kam</u> , <u>LAM Wai Yan William</u> , <u>LAU Kai Chung</u> , <u>LAU T C</u> , "Proton-Coupled O-Atom Transfer in the Oxidation of HSO ₃ ⁻ by the Ruthenium Oxo Complex trans-[Ru ^{VI} (TMC)(O) ₂] ²⁺ (TMC = 1,4,8,11-Tetramethyl-1,4,8,11-tetraazacyclotetradecane)", <i>Inorganic Chemistry</i> , 56(21), 13 October 2017, pp 12699-12702, doi: https://doi.org/10.1021/acs.inorgchem.7b02509 .
ZHU Zelin	# <u>ZHU Zelin</u> , <u>NI Shao-Fei</u> , # <u>CHEN Wencheng</u> , <u>YUAN Yi</u> , <u>TONG Qingxiao</u> , <u>WONG Fu Lung</u> , <u>LU Feng</u> , <u>LEE Chun Sing</u> , "A high performance deep-blue emitter with an anti-parallel dipole design", <i>Dyes and Pigments</i> , 146, 08 July 2017, pp 219-225, doi: https://doi.org/10.1016/j.dyepig.2017.07.008 .
	# <u>CHEN Wencheng</u> , <u>YUAN Yi</u> , # <u>ZHU Zelin</u> , <u>JIANG Zuo-Quan</u> , <u>SU Shi-Jian</u> , <u>LIAO Liang-Sheng</u> , <u>LEE Chun Sing</u> , "De novo design of D–σ–A molecules as universal hosts for monochrome and white phosphorescent organic light-emitting diodes", <i>Chemical Science</i> , 9(17), 08 March 2018, pp 4062-4070, doi: https://doi.org/10.1039/C8SC00282G , https://doi.org/10.1039/c8sc00282g .

Section A: Publications of PhD Students

	<p>XIANG Yepeng, #ZHU Zelin, XIE Dongjun, GONG Shaolong, WU Kailong, XIE Guohua, <u>LEE Chun Sing</u>, YANG Chuluo, "Revealing new potential of an indandione unit for constructing efficient yellow thermally activated delayed fluorescence emitters with short emissive lifetimes", <i>Journal of Materials Chemistry C</i>, 6(26), 16 June 2018, pp 7111-7118, doi: https://doi.org/10.1039/C8TC01656A.</p> <p>#CHEN Wencheng, YUAN Yi, #ZHU Zelin, JIANG Zuo-Quan, LIAO Liang-Sheng, <u>LEE Chun Sing</u>, "Polyphenyl-naphthalene as a Novel Building Block for High-Performance Deep-Blue Organic Light-Emitting Devices", <i>Advanced Optical Materials</i>, 6(2), 19 December 2017, doi: https://doi.org/10.1002/adom.201700855.</p> <p>#CHEN Wencheng, YUAN Yi, #ZHU Zelin, NI Shao-Fei, JIANG Zuo-Quan, LIAO Liang-Sheng, <u>WONG Fu Lung</u>, <u>LEE Chun Sing</u>, "A novel spiro-annulated benzimidazole host for highly efficient blue phosphorescent organic light-emitting devices", <i>Chemical communications (Cambridge, England)</i>, 54(36), 10 April 2018, pp 4541-4544, doi: https://doi.org/10.1039/C8CC00903A.</p> <p>#ZHU Zelin, NI Shao-Fei, #CHEN Wencheng, CHEN Miao, ZHU Jie-Ji, YUAN Yi, TONG Qingxiao, <u>WONG Fu Lung</u>, <u>LEE Chun Sing</u>, "Tuning electrical properties of phenanthroimidazole derivatives to construct multifunctional deep-blue electroluminescent materials", <i>Journal of Materials Chemistry C</i>, 6(14), 12 January 2018, pp 3584-3592, doi: https://doi.org/10.1039/c7tc04972b.</p>
Conference papers	
CHAN Miu Shan	#TAM Dick Yan, #LEUNG Hoi Man, #CHAN Miu Shan, LO Pik Kwan Peggy, "G-Quadruplex-Mediated Molecular Switching of Self-Assembled 3D DNA Nanocages", <i>The 25th Symposium on Chemistry Postgraduate Research in Hong Kong</i> , The Hong Kong University of Science and Technology, Hong Kong, 28 April 2018.
CHEUNG Man Hin	#LEE Cho Cheung, #CHEUNG Man Hin, LIU Huawei, LO Kam Wing Kenneth, "Exploitation of Environment-sensitive Luminophores in the Design of Novel Sydnone-based Bioorthogonal Imaging Reagents", <i>The 25th Symposium on Chemistry Postgraduate Research in Hong Kong</i> , The Hong Kong University of Science and Technology, Hong Kong, 28 April 2018.
LEE Cho Cheung	#LEE Cho Cheung, #CHEUNG Man Hin, LIU Huawei, LO Kam Wing Kenneth, "Exploitation of Environment-sensitive Luminophores in the Design of Novel Sydnone-based Bioorthogonal Imaging Reagents", <i>The 25th Symposium on Chemistry Postgraduate Research in Hong Kong</i> , The Hong Kong University of Science and Technology, Hong Kong, 28 April 2018.
	#LEE Cho Cheung, LIU Huawei, LO Kam Wing Kenneth, "Cyclometalated Iridium(III) Polypyridine Sydnone Complexes as a New Class of Luminescent Bioorthogonal Probes and Imaging Reagents", <i>The 2nd International Conference on Biomedical Application of Nanomaterials (ICOBAN 2018)</i> , City University of Hong Kong, Hong Kong, 09-12 January 2018.
LEUNG Hoi Man	#TAM Dick Yan, #LEUNG Hoi Man, #CHAN Miu Shan, LO Pik Kwan Peggy, "G-Quadruplex-Mediated Molecular Switching of Self-Assembled 3D DNA Nanocages", <i>The 25th Symposium on Chemistry Postgraduate Research in Hong Kong</i> , The Hong Kong University of Science and Technology, Hong Kong, 28 April 2018.
LEUNG Kam Keung	#LEUNG Kam Keung, LIU Huawei, LO Kam Wing Kenneth, "Utilization of Phosphorogenic Iridium(III) Nitron Complexes as Synthetic Probes for the SNAP-tag Protein", <i>The 25th Symposium on Chemistry Postgraduate Research in Hong Kong</i> , The Hong Kong University of Science and Technology, Hong Kong, Hong Kong, 28 April 2018.
	#LEUNG Kam Keung, LO Kam Wing Kenneth, "Utilization of Luminescent Tricarbonylrhenium(I) and Cyclometalated Iridium(III) Polypyridine Complexes as Synthetic Probes for the Snap-Tag Protein", <i>The 2nd International Conference on Biomedical Application of Nanomaterials (ICOBAN 2018)</i> , City University of Hong Kong, Hong Kong, 09-12 January 2018.
MO Jiezhang	#MO Jiezhang, SEEMANN Frauke, #WAN Teng, WINKLER C, ZHANG Ge, AU Wai Ting Doris, "Impaired osteoblast maturation and activity in the developing F1-F3 medaka vertebrae and associated vertebral compression induced by ancestral exposure to benzo[a]pyrene", <i>The fifth conference "Interdisciplinary Approaches in Fish Skeletal Biology" (IAFSB)</i> , Tavira, Algarve, Portugal, Tavira, Portugal, 16-19 April 2018.

Section A: Publications of PhD Students

	<u>SEEMANN Frauke</u> , # <u>MO Jiezhang</u> , TENG M W, GUO B, ZHANG G, <u>AU Wai Ting Doris</u> , "Environmental benzo[a]pyrene is a transgenerational skeletal toxicant – a novel discovery using the medaka bone model", <i>18th International Symposium on Toxicity Assessment (ISTA18)</i> , Limeira, Brazil, 16-21 July 2017.
PETERSON Drew Ryan	# <u>PETERSON Drew Ryan</u> , <u>BANDA Fiona</u> , <u>AU Wai Ting Doris</u> , "The impacts of estrogenic EDCs on fish population sustainability: A definitive need for multigenerational risk assessment", <i>18th International Symposium on Toxicity Assessment (ISTA18)</i> , Limeira, Brazil, 16-21 July 2017.
TAM Dick Yan	# <u>TAM Dick Yan</u> , # <u>LEUNG Hoi Man</u> , # <u>CHAN Miu Shan</u> , <u>LO Pik Kwan Peggy</u> , "G-Quadruplex-Mediated Molecular Switching of Self-Assembled 3D DNA Nanocages", <i>The 25th Symposium on Chemistry Postgraduate Research in Hong Kong</i> , The Hong Kong University of Science and Technology, Hong Kong, 28 April 2018.
WAN Teng	# <u>MO Jiezhang</u> , <u>SEEMANN Frauke</u> , # <u>WAN Teng</u> , WINKLER C, ZHANG Ge, <u>AU Wai Ting Doris</u> , "Impaired osteoblast maturation and activity in the developing F1-F3 medaka vertebrae and associated vertebral compression induced by ancestral exposure to benzo[a]pyrene", <i>The fifth conference "Interdisciplinary Approaches in Fish Skeletal Biology" (IAFSB)</i> , Tavira, Algarve, Portugal, Tavira, Portugal, 16-19 April 2018.
YAU Man Shan	# <u>YAU Man Shan</u> , <u>LEI Ngai Yu</u> , # <u>YUEN Ka Ki</u> , LAM Chung Wah James, <u>LAM Hon Wah Michael</u> , "Perturbation of Neurotransmitter Profile in the Brain of Marine Medaka (<i>Oryzias melastigma</i>) after Exposure to Brevetoxins", <i>The 25th Symposium on Chemistry Postgraduate Research in Hong Kong</i> , The Hong Kong University of Science and Technology, Hong Kong, 28 April 2018.
YEUNG Ho Yin	# <u>YEUNG Ho Yin</u> , <u>LO Kam Wing Kenneth</u> , "Luminescent Transition Metal Complexes Functionalized with a Chloroalkane Moiety as Novel Substrates for the HaloTag Protein", <i>The 25th Symposium on Chemistry Postgraduate Research in Hong Kong</i> , The Hong Kong University of Science and Technology, Hong Kong, 28 April 2018.
	# <u>YEUNG Ho Yin</u> , <u>LO Kam Wing Kenneth</u> , "Luminescent Transition Metal Complexes Functionalized with a Chloroalkane Moiety as Novel Substrates for the Halotag Protein", <i>The 2nd International Conference on Biomedical Application of Nanomaterials (ICOBAN 2018)</i> , City University of Hong Kong, Hong Kong, 09-12 January 2018.
YIP Man Hei	<u>LO Kam Wing Kenneth</u> , # <u>YIP Man Hei</u> , YU Cong, "Luminescent Rhenium(I) Polypyridine Complexes Containing a Benzoperylene Unit and a Perylene Diimide Moiety through a Disulfide Linker as Biological Probes and Therapeutic Reagents", <i>The 25th Symposium on Chemistry Postgraduate Research in Hong Kong</i> , The Hong Kong University of Science and Technology, Hong Kong, Hong Kong, 28 April 2018.
	# <u>YIP Man Hei</u> , <u>LO Kam Wing Kenneth</u> , "Design of Luminescent Cyclometalated Iridium(III) Polypyridine Cyclopropene Complexes for Bioorthogonal Labeling and Bioimaging", <i>The 2nd International Conference on Biomedical Application of Nanomaterials (ICOBAN 2018)</i> , City University of Hong Kong, Hong Kong, 09-12 January 2018.
YUEN Ka Ki	# <u>YAU Man Shan</u> , <u>LEI Ngai Yu</u> , # <u>YUEN Ka Ki</u> , LAM Chung Wah James, <u>LAM Hon Wah Michael</u> , "Perturbation of Neurotransmitter Profile in the Brain of Marine Medaka (<i>Oryzias melastigma</i>) after Exposure to Brevetoxins", <i>The 25th Symposium on Chemistry Postgraduate Research in Hong Kong</i> , The Hong Kong University of Science and Technology, Hong Kong, 28 April 2018.
ZHU Jinghui	# <u>ZHU Jinghui</u> , <u>LO Kam Wing Kenneth</u> , "Novel Molecular Materials Derived from AIE-active Cyclometalated Iridium(III) Polypyridine Complexes and Polyhedral Oligomeric Silsesquioxane for Bioimaging and Photodynamic Therapy", <i>The 25th Symposium on Chemistry Postgraduate Research in Hong Kong</i> , The Hong Kong University of Science and Technology, Hong Kong, Hong Kong, 28 April 2018.
Patents, agreements, assignments and companies	
LEE Cho Cheung	<u>LO Kam Wing Kenneth</u> , <u>LIU Huawei</u> , # <u>LEE Cho Cheung</u> , Phosphorescent Transition Metal Complex, Its Preparation and Use, Patent No.: US9,890,327, United States, 13 February 2018.
All other outputs	

Section A: Publications of PhD Students

CHAN Kin Cheung	# <u>CHAN Kin Cheung</u> , <i>Study of Luminescent Copper(I), Iridium(III) and Rhenium(I) Complexes with Different Types of Isocyanide Ligands – Design, Synthesis and Photophysics</i> , PhD Thesis, Department of Chemistry, City University of Hong Kong, Hong Kong, PRC, 21 May 2018.
CHEN Wencheng	# <u>CHEN Wencheng</u> , <i>Organic Light-Emitting Diodes Based on Imidazole Semiconductors</i> , PhD Thesis, Department of Chemistry, City University of Hong Kong, Hong Kong, PRC, 16 April 2018.
CHENG Siwei	# <u>CHENG Siwei</u> , <i>Environmental Geochemistry of Cadmium in Coal Mining Area and Environmental Application of Heavy Metals in Photocatalysis</i> , PhD Thesis, Department of Chemistry, City University of Hong Kong, Hong Kong, PRC, 04 June 2018.
DAI Ziwen	# <u>DAI Ziwen</u> , <i>Self-assembly of Geometrically Well-defined 3D DNA Nanotubes: Stimuli-triggered Conformation Changes and Aptamers-derived Multiplex Detection</i> , PhD Thesis, Department of Chemistry, City University of Hong Kong, Hong Kong, PRC, 27 February 2018.
HU Peng	# <u>HU Peng</u> , <i>Photo-triggered Traceless Staudinger-Bertozzi Ligation and Its Applications</i> , PhD Thesis, Department of Chemistry, City University of Hong Kong, Hong Kong, PRC, 03 November 2017.
LIU Yuan	# <u>LIU Yuan</u> , <i>Vanadium in Coal Mining Area: Distribution, Modes of Occurrence, and Environmental Behavior</i> , PhD Thesis, Department of Chemistry, City University of Hong Kong, Hong Kong, PRC, 21 June 2018.
MA Lili	# <u>MA Lili</u> , <i>Functionalization and Biological Evaluation of Platinum(IV) Anticancer Prodrugs with p53 Agonist or Ruthenium(II) Moiety to Overcome Cisplatin Resistance and Combat Cancer Metastasis</i> , PhD Thesis, Department of Chemistry, City University of Hong Kong, Hong Kong, PRC, 29 September 2017.
MO Jiezhong	# <u>MO Jiezhong</u> , Best Oral Presentation, The 19th International Symposium on Pollutant Responses in Marine Organisms (PRIMO) in Japan from 30 June to 3 July 2017.
PAN Ying	# <u>PAN Ying</u> , <i>Microbial Degradation and Debromination of Polybrominated Diphenyl Ethers (PBDEs) in Aquatic Sediments</i> , PhD Thesis, Department of Chemistry, City University of Hong Kong, Hong Kong, PRC, 16 November 2017.
PETERSON Drew Ryan	# <u>PETERSON Drew Ryan</u> , <i>Environmental Estrogen Induced Multigenerational (F1-F4) Reproductive and Immune Impairments in Fish</i> , PhD Thesis, Department of Chemistry, City University of Hong Kong, Hong Kong, PRC, 17 January 2018.
TAN Yi	# <u>TAN Yi</u> , <i>Design and Synthesis of Cyanine-based Near-infrared Fluorescent Probes and Their Application in Bioimaging</i> , PhD Thesis, Department of Chemistry, City University of Hong Kong, Hong Kong, PRC, 26 January 2018.
WANG Shanshan	# <u>WANG Shanshan</u> , National Scholarship for Graduate students, September 2017.
WONG Yan Lung	# <u>WONG Yan Lung</u> , <i>Thioether and Thiol-Equipped Porous Frameworks: Synthetic Breakthroughs, Rich Functionalities, and Heavy Metal Uptake</i> , PhD Thesis, Department of Chemistry, City University of Hong Kong, Hong Kong, PRC, 18 May 2018.
WU Rongben	# <u>WU Rongben</u> , Poster Presentation at The 4th International Conference on Environmental Pollution and Health, Third Level Prize, 18 May 2018.
WU Zhen	# <u>WU Zhen</u> , Certificate for Best Poster Prize, The 9th National Conference on Environmental Chemistry, Zhejiang University, China, 21 October 2017. # <u>WU Zhen</u> , Certificate for Excellent Presentation, 12th PhDStudent Workshop 2018 (Hefei), University of Science and Technology of China, China, 10 May 2018.
XIAO Ran	# <u>XIAO Ran</u> , <i>Hard-and-soft Bifunctional Building Blocks for Porous Frameworks: Water Stability, Catalysis and Heavy Metal Removal</i> , PhD Thesis, Department of Chemistry, City University of Hong Kong, Hong Kong, PRC, 27 March 2018.
XIE Yusheng	# <u>XIE Yusheng</u> , <i>Integrative Chemical Biology Probes for Single-Step Deacylation Activity Detection and Proteomic Profiling of Histone Deacetylases</i> , PhD Thesis, Department of Chemistry, City University of Hong Kong, Hong Kong, PRC, 01 June 2018.
ZHANG Kai	# <u>ZHANG Kai</u> , <i>Occurrence and Characteristics of Microplastic Pollution in Typical Inland Waters in China</i> , PhD Thesis, Department of Chemistry, City University of Hong Kong, Hong Kong, PRC, 15 February 2018.

DEPARTMENT OF COMPUTER SCIENCE	
Journal publications	
BENNIN Kwabena Ebo	#MENSAH Solomon, KEUNG Wai Jacky, SVAJLENKO Jeffery, #BENNIN Kwabena Ebo, #MI Qing, "On the value of a prioritization scheme for resolving Self-admitted technical debt", <i>Journal of Systems and Software</i> , 135, 28 September 2017, pp 37-54, doi: https://doi.org/10.1016/j.jss.2017.09.026 .
	#BENNIN Kwabena Ebo, KEUNG Wai Jacky, PHANNACHITTA Passakorn, MONDEN Akito, #MENSAH Solomon, "MAHAKIL: Diversity based Oversampling Approach to Alleviate the Class Imbalance Issue in Software Defect Prediction", <i>IEEE Transactions on Software Engineering</i> , 44(6), 24 July 2017, pp 534-550, doi: https://doi.org/10.1109/TSE.2017.2731766 .
	#MENSAH Solomon, KEUNG Wai Jacky, MACDONELL Stephen G., BOSU Michael F., #BENNIN Kwabena Ebo, "Investigating the Significance of the Bellwether Effect to Improve Software Effort Prediction: Further Empirical Study", <i>IEEE Transactions on Reliability</i> , 67(3), 14 June 2018, pp 1176-1198, doi: https://doi.org/10.1109/TR.2018.2839718 .
	#BENNIN Kwabena Ebo, KEUNG Wai Jacky, MONDEN Akito, "On the relative value of data resampling approaches for software defect prediction", <i>Empirical Software Engineering</i> , 21 June 2018, doi: https://doi.org/10.1007/s10664-018-9633-6 .
	YU Xiao, WU Man Fat, JIAN Yiheng, #BENNIN Kwabena Ebo, FU Mandi, MA Chuanxiang, "Cross-company defect prediction via semi-supervised clustering-based data filtering and MSTRa-based transfer learning", <i>Soft Computing</i> , 22(10), 08 March 2018, pp 3461-3472, doi: https://doi.org/10.1007/s00500-018-3093-1 .
	#MENSAH Solomon, KEUNG Wai Jacky, BOSU Michael Franklin, #BENNIN Kwabena Ebo, "Duplex output software effort estimation model with self-guided interpretation", <i>Information and Software Technology</i> , 94, 23 September 2017, pp 1-13, doi: https://doi.org/10.1016/j.infsof.2017.09.010 .
	#XIAO Yan, KEUNG Wai Jacky, #BENNIN Kwabena Ebo, #MI Qing, "Machine translation-based bug localization technique for bridging lexical gap", <i>Information and Software Technology</i> , 99, 06 March 2018, pp 58-61, doi: https://doi.org/10.1016/j.infsof.2018.03.003 .
	#SHI Zhendong, KEUNG Wai Jacky, #BENNIN Kwabena Ebo, ZHANG Xingjun, "Comparing learning to rank techniques in hybrid bug localization", <i>Applied Soft Computing</i> , 62, 08 November 2017, pp 636-648, doi: https://doi.org/10.1016/j.asoc.2017.10.048 .
	LIMSETTHO Nachai, #BENNIN Kwabena Ebo, KEUNG Wai Jacky, HATA Hideaki, MATSUMOTO Kenichi, "Cross project defect prediction using class distribution estimation and oversampling", <i>Information and Software Technology</i> , 100, 12 April 2018, pp 87-102, doi: https://doi.org/10.1016/j.infsof.2018.04.001 .
CAI Huimin	WEIGAND Hannah, WEISS Martina, #CAI Huimin, LI Yongping, YU Lili, ZHANG Christine, LEESE Florian, "Deciphering the origin of mito-nuclear discordance in two sibling caddisfly species", <i>Molecular Ecology</i> , 26(20), 05 September 2017, pp 5705-5715, doi: https://doi.org/10.1111/mec.14292 .
	WEIGAND Hannah, WEISS Martina, #CAI Huimin, LI Yongping, YU Lili, ZHANG Christine, LEESE Florian, "Fishing in troubled waters: Revealing genomic signatures of local adaptation in response to freshwater pollutants in two macroinvertebrates", <i>Science of the Total Environment</i> , 633, 28 March 2018, pp 875-891, doi: https://doi.org/10.1016/j.scitotenv.2018.03.109 .
CAO Shengbin	#CAO Shengbin, LEE Chung Sing Victor, "A novel adaptive TDMA-based MAC protocol for VANETs", <i>IEEE Communications Letters</i> , 22(3), 20 December 2017, pp 614-617, doi: https://doi.org/10.1109/LCOMM.2017.2785378 .
CAO Wenming	#CAO Wenming, WU Si, YU Zhiwen, WONG Hau San, "Exploring Correlations Among Tasks, Clusters, and Features for Multitask Clustering", <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 19 June 2018, doi: https://doi.org/10.1109/TNNLS.2018.2839114 .
CHE Hangjun	#CHE Hangjun, WANG Jun, "A nonnegative matrix factorization algorithm based on a discrete-time projection neural network", <i>Neural Networks</i> , 103, 20 March 2018, pp 63-71, doi: https://doi.org/10.1016/j.neunet.2018.03.003 .

Section A: Publications of PhD Students

CHEN Jiaxing	LYU Mengxuan , #CHEN Jiaxing , #JIANG Yiqi , DONG Wei , FANG Zhou , LI Shuaicheng , "Kdiamend: a package for detecting key drivers in a molecular ecological network of disease", <i>BMC Systems Biology</i> , 12(Suppl 1), 11 April 2018, doi: https://doi.org/10.1186/s12918-018-0531-8 .
CHEN Jingjing	#CHEN Jingjing , PANG Lei , NGO Chong Wah , "Cross-modal recipe retrieval with stacked attention model", <i>Multimedia Tools and Applications</i> , 17 April 2018, doi: https://doi.org/10.1007/s11042-018-5964-y .
CHEN Junyi	#CHEN Junyi , #YAN Shankai , WONG Ka Chun , "Verbal aggression detection on Twitter comments: convolutional neural network for short-text sentiment analysis", <i>Neural Computing and Applications</i> , 20 March 2018, doi: https://doi.org/10.1007/s00521-018-3442-0 .
CHEN Mingliang	#CHEN Mingliang , WEI Xing , YANG Qingxiong , LI Qing , WANG Gang , YANG Ming-Hsuan , "Spatiotemporal GMM for Background Subtraction with Superpixel Hierarchy", <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 40(6), June 2018, pp 1518-1525, doi: https://doi.org/10.1109/TPAMI.2017.2717828 .
	#CHEN Mingliang , #ZHANG Jiawei , HE Shengfeng , YANG Qingxiong , LI Qing , YANG Ming-Hsuan , "Interactive Hierarchical Object Proposals", <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 20 November 2017, doi: https://doi.org/10.1109/TCSVT.2017.2775446 .
CHENG Yingying	LI Jiayue , #CHENG Yingying , JIA Xiaohua , NI Lionel M. , "Throughput Optimization in WLAN/Cellular Integrated Network Using Partially Overlapped Channels", <i>IEEE Transactions on Wireless Communications</i> , 17(1), 20 October 2017, pp 157-169, doi: https://doi.org/10.1109/TWC.2017.2763159 .
CUI Helei	#CUI Helei , YUAN Xingliang , #ZHENG Yifeng , WANG Cong , "Towards Encrypted In-Network Storage Services with Secure Near-Duplicate Detection", <i>IEEE Transactions on Services Computing</i> , 25 June 2018, doi: https://doi.org/10.1109/TSC.2018.2850333 .
CUI Yufei	#ZHOU Zimeng , #YU Chenyun , NUTANONG Sarana , #CUI Yufei , FU Chenchen , XUE Chun Jason , "A Hardware-Accelerated Solution for Hierarchical Index-Based Merge-Join", <i>IEEE Transactions on Knowledge and Data Engineering</i> , 03 April 2018, doi: https://doi.org/10.1109/tkde.2018.2822707 .
DAI Wenkui	LU Zhiwei , #DAI Wenkui , LIU Yanhong , ZHOU Qian , WANG Heping , LI Dongfang , YANG Zhenyu , LI Yinhu , XIE Gan , LI Shuaicheng , ZHENG Yuejie , "The alteration of nasopharyngeal and oropharyngeal microbiota in children with MPP and Non-MPP", <i>Genes</i> , 8(12), 11 December 2017, doi: https://doi.org/10.3390/genes8120380 .
	WANG Heping , #DAI Wenkui , FENG Xin , ZHOU Qian , WANG Hongmei , YANG Yonghong , LI Shuaicheng , ZHENG Yuejie , "Microbiota Composition in Upper Respiratory Tracts of Healthy Children in Shenzhen, China, Differed with Respiratory Sites and Ages", <i>BioMed Research International</i> , 2018, 14 June 2018, doi: https://doi.org/10.1155/2018/6515670 .
	#DAI Wenkui , WANG Heping , ZHOU Qian , FENG Xin , LU Zhiwei , LI Dongfang , YANG Zhenyu , LIU Yanhong , LI Yinhu , XIE Gan , SHEN Kunling , YANG Yonghong , ZHENG Yuejie , LI Shuaicheng , "The concordance between upper and lower respiratory microbiota in children with <i>Mycoplasma pneumoniae</i> pneumonia", <i>Emerging Microbes and Infections</i> , 7, 23 May 2018, doi: https://doi.org/10.1038/s41426-018-0097-y .
	LIU Sheng-Xuan , LI Yin-Hu , #DAI Wenkui , LI Xue-Song , QIU Chuang-Zhao , RUAN Meng-Ling , ZOU Biao , DONG Chen , LIU Yan-Hong , HE Jia-Yi , HUANG Zhi-Hua , SHU Sai-Nan , "Fecal microbiota transplantation induces remission of infantile allergic colitis through gut microbiota re-establishment", <i>World Journal of Gastroenterology</i> , 23(48), 28 December 2017, pp 8570-8581, doi: https://doi.org/10.3748/wjg.v23.i48.8570 .
	HU Qian , #DAI Wenkui , ZHOU Qian , FU Dan , ZHENG Yuejie , WANG Wenjian , LIU Yanhong , YANG Qin , DAI Dongling , LIU Sixi , LIU Guosheng , LI Shuaicheng , WEN Feiqu , "Dynamic oropharyngeal and faecal microbiota during treatment in infants hospitalized for bronchiolitis compared with age-matched healthy subjects", <i>Scientific Reports</i> , 7(1), 12 September 2017, doi: https://doi.org/10.1038/s41598-017-11311-z .
DENG Jingda	#DENG Jingda , ZHANG Qingfu , LI Hui , "On the Use of Dynamic Reference Points in HypE", <i>Lecture Notes in Computer Science</i> , 10593, November 2017, pp 122-133, doi: https://doi.org/10.1007/978-3-319-68759-9_11 .

Section A: Publications of PhD Students

DUAN Huayi	CHEN Fei, WANG Donghong, LI Ronghua, CHEN Jianyong, MING Zhong, LIU Alex X., #DUAN Huayi, WANG Cong, QIN Jing, "Secure Hashing-Based Verifiable Pattern Matching", <i>IEEE Transactions on Information Forensics and Security</i> , 13(11), 09 April 2018, pp 2677-2690, doi: https://doi.org/10.1109/TIFS.2018.2825141 .
	YUAN Xingliang, #DUAN Huayi, WANG Cong, "Assuring String Pattern Matching in Outsourced Middleboxes", <i>IEEE/ACM Transactions on Networking</i> , 26(3), June 2018, pp 1362-1375, doi: https://doi.org/10.1109/TNET.2018.2822837 .
	#ZHENG Yifeng, #DUAN Huayi, WANG Cong, "Learning the Truth Privately and Confidentially: Encrypted Confidence-Aware Truth Discovery in Mobile Crowdsensing", <i>IEEE Transactions on Information Forensics and Security</i> , 13(10), 23 March 2018, pp 2475-2489, doi: https://doi.org/10.1109/TIFS.2018.2819134 .
DUAN Yaoxin	#NIE Wendi, LEE Chung Sing Victor, NIYATO Dusit, #DUAN Yaoxin, LIU Kai, NUTANONG Sarana, "A Quality-oriented Data Collection Scheme in Vehicular Sensor Networks", <i>IEEE Transactions on Vehicular Technology</i> , 67(7), 22 March 2018, pp 5570-5584, doi: https://doi.org/10.1109/TVT.2018.2818190 .
	#DUAN Yaoxin, LAM Kam Yiu, LEE Chung Sing Victor, #NIE Wendi, LI Hao, NG Joseph K. Y., "Multiple Power Path Loss Fingerprinting for Sensor-Based Indoor Localization", <i>IEEE sensors letters</i> , 1(4), 12 July 2017, doi: https://doi.org/10.1109/LSENS.2017.2726181 .
	#DUAN Yaoxin, LEE Chung Sing Victor, LAM Kam Yiu, #NIE Wendi, LIU Kai, "A cross-layer design for data dissemination in vehicular ad hoc networks", <i>Neural Computing and Applications</i> , 20 October 2017, doi: https://doi.org/10.1007/s00521-017-3234-y .
FONG Chi Kit Ken	CHAU Vincent, CHEN Xin, #FONG Chi Kit Ken, LI Minming, #WANG Kai, "Flow shop for dual CPUs in dynamic voltage scaling", <i>Theoretical Computer Science</i> , 22 September 2017, doi: https://doi.org/10.1016/j.tcs.2017.09.014 .
HU Qiao	PAGNIN Elena, YANG Anjia, #HU Qiao, HANCKE Gerhard Petrus, MITROKOTSA Aikaterini, "HB ⁺ DB: Distance bounding meets human based authentication", <i>Future Generation Computer Systems</i> , 80, March 2018, pp 627-639, doi: https://doi.org/10.1016/j.future.2016.05.031 .
HU Shengshan	#HU Shengshan, LI Minghui, WANG Qian, CHOW Sherman S. M., DU Minxin, "Outsourced Biometric Identification With Privacy", <i>IEEE Transactions on Information Forensics and Security</i> , 13(10), 23 March 2018, pp 2448-2463, doi: https://doi.org/10.1109/TIFS.2018.2819128 .
HUANG Shao	#HUANG Shao, WANG Weiqiang, HE Shengfeng, LAU Rynson W H, "Egocentric Temporal Action Proposals", <i>IEEE Transactions on Image Processing</i> , 27(2), 13 November 2017, pp 764-777, doi: https://doi.org/10.1109/TIP.2017.2772904 .
	#HUANG Shao, WANG Weiqiang, HE Shengfeng, LAU Rynson W H, "Egocentric Hand Detection via Dynamic Region Growing", <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 14(1), January 2018, doi: https://doi.org/10.1145/3152129 .
HUI John	#HUI John, MAI Bo, #QIAN Sheng, KWOK Lam For, "Cultivating better learning attitudes: a preliminary longitudinal study", <i>Open Learning</i> , 33(2), 21 March 2018, pp 155-170, doi: https://doi.org/10.1080/02680513.2018.1454830 .
	#HUI John, KWOK Lam For, IP Ho Shing Horace, "CRESDA: extending data landscape of learners", <i>International Journal of Innovation and Learning</i> , 23(4), 28 March 2018, pp 463-478, doi: https://doi.org/10.1504/IJIL.2018.092038 .
	SHI Xiping, LIN Zhibin, LIU Jonathan, #HUI John, "Consumer loyalty toward smartphone brands: The determining roles of deliberate inertia and cognitive lock-in", <i>Information and Management</i> , 55(7), 31 March 2018, pp 866-876, doi: https://doi.org/10.1016/j.im.2018.03.013 .
HUSSAIN Shahid	#HUSSAIN Shahid, KEUNG Wai Jacky, #KHAN Arif Ali, AHMAD Awais, CUOMO Salvatore, PICCIALLI Francesco, JEON Gwanggil, AKHUNZADA Adnan, "Implications of deep learning for the automation of design patterns organization", <i>Journal of Parallel and Distributed Computing</i> , 117, 20 July 2017, pp 256-266, doi: https://doi.org/10.1016/j.jpdc.2017.06.022 .
JI Cheng	#JI Cheng, CHANG Li-Pin, #WU Chao, SHI Liang, XUE Chun Jason, "An I/O Scheduling Strategy for Embedded Flash Storage Devices with Mapping Cache", <i>IEEE Transactions on</i>

Section A: Publications of PhD Students

	<p><i>Computer - Aided Design of Integrated Circuits and Systems</i>, 37(4), 20 July 2017, pp 756-769, doi: https://doi.org/10.1109/TCAD.2017.2729405.</p>
	<p>GAO Congming, SHI Liang, #JI Cheng, DI Yejia, WU Kaijie, XUE Chun Jason, SHA Edwin H. - M., "Exploiting Parallelism for Access Conflict Minimization in Flash-Based Solid State Drives", <i>IEEE Transactions on Computer - Aided Design of Integrated Circuits and Systems</i>, 37(1), January 2018, pp 168-181, doi: https://doi.org/10.1109/TCAD.2017.2693281.</p>
	<p>#JI Cheng, CHANG Li-Pin, SHI Liang, GAO Congming, #WU Chao, WANG Yuangang, XUE Chun Jason, "Lightweight data compression for mobile flash storage", <i>Transactions on Embedded Computing Systems</i>, 16(5s), October 2017, doi: https://doi.org/10.1145/3126511.</p>
JIA Yuheng	<p>GAO Wei, KWONG Tak Wu Sam, #JIA Yuheng, "Joint Machine Learning and Game Theory for Rate Control in High Efficiency Video Coding", <i>IEEE Transactions on Image Processing</i>, 26(12), 25 August 2017, pp 6074-6089, doi: https://doi.org/10.1109/TIP.2017.2745099.</p>
	<p>#JIA Yuheng, KWONG Tak Wu Sam, WANG Ran, "Applying Exponential Family Distribution to Generalized Extreme Learning Machine", <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i>, 23 January 2018, doi: https://doi.org/10.1109/TSMC.2017.2788005.</p>
	<p>#JIA Yuheng, KWONG Tak Wu Sam, #WU Wenhui, WANG Ran, GAO Wei, "Sparse Bayesian Learning-Based Kernel Poisson Regression", <i>IEEE Transactions on Cybernetics</i>, 28 November 2017, doi: https://doi.org/10.1109/TCYB.2017.2764099.</p>
	<p>#JIA Yuheng, KWONG Tak Wu Sam, HOU Junhui, "Semi-Supervised Spectral Clustering with Structured Sparsity Regularization", <i>IEEE Signal Processing Letters</i>, 25(3), 10 January 2018, pp 403-407, doi: https://doi.org/10.1109/LSP.2018.2791606.</p>
	<p>#WU Wenhui, #JIA Yuheng, KWONG Tak Wu Sam, HOU Junhui, "Pairwise Constraint Propagation-Induced Symmetric Nonnegative Matrix Factorization", <i>IEEE Transactions on Neural Networks and Learning Systems</i>, 18 May 2018, doi: https://doi.org/10.1109/TNNLS.2018.2830761.</p>
	<p>#WU Wenhui, KWONG Tak Wu Sam, ZHOU Yu, #JIA Yuheng, GAO Wei, "Nonnegative matrix factorization with mixed hypergraph regularization for community detection", <i>Information Sciences</i>, 435, 08 January 2018, pp 263-281, doi: https://doi.org/10.1016/j.ins.2018.01.008.</p>
JIANG Yiqi	<p>LYU Mengxuan, #CHEN Jiaying, #JIANG Yiqi, DONG Wei, FANG Zhou, LI Shuaicheng, "KDiamend: a package for detecting key drivers in a molecular ecological network of disease", <i>BMC Systems Biology</i>, 12(Suppl 1), 11 April 2018, doi: https://doi.org/10.1186/s12918-018-0531-8.</p>
JIANG Yonghang	<p>#JIANG Yonghang, LI Zhenjiang, WANG Jianping, "PTrack: Enhancing the Applicability of Pedestrian Tracking with Wearables", <i>IEEE Transactions on Mobile Computing</i>, 17 May 2018, doi: https://doi.org/10.1109/TMC.2018.2837758.</p>
KANG Di	<p>#KANG Di, MA Zheng, CHAN Antoni Bert, "Beyond Counting: Comparisons of Density Maps for Crowd Analysis Tasks - Counting, Detection, and Tracking", <i>IEEE Transactions on Circuits and Systems for Video Technology</i>, May 2018, doi: https://doi.org/10.1109/TCSVT.2018.2837153.</p>
KHAN Arif Ali	<p>ALI Tenvir, JHANDHIR Zeeshan, AHMAD Awais, KHAN Murad, #KHAN Arif Ali, CHOI Gyu Sang, "Detecting fraudulent labeling of rice samples using computer vision and fuzzy knowledge", <i>Multimedia Tools and Applications</i>, 76(23), December 2017, pp 24675-24704, doi: https://doi.org/10.1007/s11042-017-4472-9.</p>
	<p>#KHAN Arif Ali, KEUNG Wai Jacky, AMIN FAZAL-E, ABDULLAH-AL-WADUD M. , "SPIIMM: Toward a Model for Software Process Improvement Implementation and Management in Global Software Development", <i>IEEE Access</i>, 5, 18 July 2017, pp 13720-13741, doi: https://doi.org/10.1109/ACCESS.2017.2728603.</p>
	<p>#HUSSAIN Shahid, KEUNG Wai Jacky, #KHAN Arif Ali, AHMAD Awais, CUOMO Salvatore , PICCIALLI Francesco , JEON Gwanggil , AKHUNZADA Adnan, "Implications of deep learning for the automation of design patterns organization", <i>Journal of Parallel and Distributed Computing</i>, 117, 20 July 2017, pp 256-266, doi: https://doi.org/10.1016/j.jpdc.2017.06.022.</p>

Section A: Publications of PhD Students

LEUNG Man Fai	# LEUNG Man Fai , WANG Jun , "A Collaborative Neurodynamic Approach to Multiobjective Optimization", <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 29 March 2018, doi: https://doi.org/10.1109/TNNLS.2018.2806481 .
LI Chen	IP Ho Shing Horace , WONG Simpson W.L., CHAN Dorothy F.Y., BYRNE Julia Catherine, # LI Chen , YUAN Sze Ngar Vanessa , LAU Shuk Ying , WONG Yat Wai , "Enhance emotional and social adaptation skills for children with autism spectrum disorder: A virtual reality enabled approach", <i>Computers and Education</i> , 117, 27 September 2017, pp 1-15, doi: https://doi.org/10.1016/j.compedu.2017.09.010 .
LI Fuyang	# LI Fuyang , QIU Keni , ZHAO Mengying , HU Jingtong , LIU Yongpan , GUAN Yong , XUE Chun Jason , "Checkpointing-aware Loop Tiling for Energy Harvesting Powered Non-Volatile Processors", <i>IEEE Transactions on Computer - Aided Design of Integrated Circuits and Systems</i> , 07 February 2018, doi: https://doi.org/10.1109/TCAD.2018.2803624 .
LI Genghui	CUI Laizhong , XU Chong , # LI Genghui , MING Zhong , FENG Yuhong , LU Nan , "A high accurate localization algorithm with DV-Hop and differential evolution for wireless sensor network", <i>Applied Soft Computing</i> , 68, 28 March 2018, pp 39-52, doi: https://doi.org/10.1016/j.asoc.2018.03.036 .
	CUI Laizhong , # LI Genghui , ZHU Zexuan , LIN Qiuzhen , WONG Ka Chun , CHEN Jianyon , LU Nan , LU Jian , "Adaptive multiple-elites-guided composite differential evolution algorithm with a shift mechanism", <i>Information Sciences</i> , 422, 05 September 2017, pp 122-143, doi: https://doi.org/10.1016/j.ins.2017.09.002 .
	CUI Laizhong , # LI Genghui , LUO Yanli , CHEN Fei , MING Zhong , LU Nan , LU Jian , "An enhanced artificial bee colony algorithm with dual-population framework", <i>Swarm and Evolutionary Computation</i> , 14 May 2018, doi: https://doi.org/10.1016/j.swevo.2018.05.002 .
	CUI Laizhong , # LI Genghui , ZHU Zexuan , MING Zhong , WEN Zhenkun , LU Nan , "Differential evolution algorithm with dichotomy-based parameter space compression", <i>Soft Computing</i> , 19 January 2018, doi: https://doi.org/10.1007/s00500-018-3015-2 .
	CUI Laizhong , # LI Genghui , WANG Xizhao , LIN Qiuzhen , CHEN Jianyong , LU Nan , LU Jian , "A ranking-based adaptive artificial bee colony algorithm for global numerical optimization", <i>Information Sciences</i> , 417, 12 July 2017, pp 169-185, doi: https://doi.org/10.1016/j.ins.2017.07.011 .
	LIN Qiuzhen , ZHU Miaomiao , # LI Genghui , WANG Wenjun , CUI Laizhong , CHEN Jianyong , LU Jian , "A novel artificial bee colony algorithm with local and global information interaction", <i>Applied Soft Computing</i> , 62, 14 November 2017, pp 702-735, doi: https://doi.org/10.1016/j.asoc.2017.11.012 .
	LI Hangyu , NUTANONG Sarana , XU Hong , # YU Chenyun , HA Foryu , "C2Net: A Network-Efficient Approach to Collision Counting LSH Similarity Join", <i>IEEE Transactions on Knowledge and Data Engineering</i> , 15 May 2018, doi: https://doi.org/10.1109/TKDE.2018.2836464 .
LI Qiao	# LI Qiao , SHI Liang , GAO Congming , DI Yeji , XUE Chun Jason , "Access Characteristic Guided Read and Write Regulation on Flash based Storage Systems", <i>IEEE Transactions on Computers</i> , 22 May 2018, doi: https://doi.org/10.1109/TC.2018.2839671 .
LI Wenjuan	MENG Weizhi , # LI Wenjuan , WONG Shek Duncan , "Enhancing touch behavioral authentication via cost-based intelligent mechanism on smartphones", <i>Multimedia Tools and Applications</i> , 20 May 2018, doi: https://doi.org/10.1007/s11042-018-6094-2 .
	WANG Yu , XIE Lin , # LI Wenjuan , MENG Weizhi , LI Jin , "A Privacy-Preserving Framework for Collaborative Intrusion Detection Networks Through Fog Computing", <i>Lecture Notes in Computer Science</i> , 10581, October 2017, pp 267-279, doi: https://doi.org/10.1007/978-3-319-69471-9_20 .
	MENG Weizhi , # LI Wenjuan , SU Chunhua , ZHOU Jianying , LU Rongxing , "Enhancing Trust Management for Wireless Intrusion Detection via Traffic Sampling in the Era of Big Data", <i>IEEE Access</i> , 6, 13 November 2017, pp 7234-7243, doi: https://doi.org/10.1109/ACCESS.2017.2772294 .
	MENG Weizhi , # LI Wenjuan , WANG Yu , AU Man Ho , "Detecting Malicious Nodes in Medical Smartphone Networks Through Euclidean Distance-Based Behavioral Profiling", <i>Lecture</i>

Section A: Publications of PhD Students

	<p><i>Notes in Computer Science</i>, 10581, October 2017, pp 163-175, doi: https://doi.org/10.1007/978-3-319-69471-9_12.</p> <p>#LI Wenjuan, MENG Weizhi, SU Chunhua, KWOK Lam For, "Towards false alarm reduction using fuzzy if-Then rules for medical cyber physical systems", <i>IEEE Access</i>, 6, 17 January 2018, pp 6530-6539, doi: https://doi.org/10.1109/ACCESS.2018.2794685.</p> <p>MENG Weizhi, FEI Fei, #LI Wenjuan, AU Man Ho, "Harvesting Smartphone Privacy Through Enhanced Juice Filming Charging Attacks", <i>Lecture Notes in Computer Science</i>, 10599, November 2017, pp 291-308, doi: https://doi.org/10.1007/978-3-319-69659-1_16.</p> <p>MENG Weizhi, #LI Wenjuan, WANG Yu, AU Man Ho, "Detecting insider attacks in medical cyber-physical networks based on behavioral profiling", <i>Future Generation Computer Systems</i>, 06 June 2018, doi: https://doi.org/10.1016/j.future.2018.06.007.</p> <p>#LI Wenjuan, MENG Weizhi, KWOK Lam For, "Investigating the influence of special on-off attacks on challenge-based collaborative intrusion detection networks", <i>Future Internet</i>, 10(1), 08 January 2018, doi: https://doi.org/10.3390/fi10010006.</p> <p>MENG Weizhi, #LI Wenjuan, KWOK Lam For, "Towards effective and robust list-based packet filter for signature-based network intrusion detection: an engineering approach", <i>Transactions Hong Kong Institution of Engineers</i>, 24(4), 26 December 2017, pp 204-215, doi: https://doi.org/10.1080/1023697X.2017.1375437.</p>
LI Zhenhua	<p>#LI Zhenhua, ZHANG Qingfu, "A Simple yet Efficient Evolution Strategy for Large Scale Black-Box Optimization", <i>IEEE Transactions on Evolutionary Computation</i>, 23 October 2017, doi: https://doi.org/10.1109/TEVC.2017.2765682.</p>
LIU Bingyi	<p>#LIU Bingyi, JIA Dongyao, LU Kejie, NGODUY Dong, WANG Jianping, WU Libing, "A joint control-communication design for reliable vehicle platooning in hybrid traffic", <i>IEEE Transactions on Vehicular Technology</i>, 66(10), October 2017, pp 9394-9409, doi: https://doi.org/10.1109/TVT.2017.2702650.</p> <p>#LIU Bingyi, JIA Dongyao, LU Kejie, CHEN Haibo, #YANG Rongwei, WANG Jianping, BARNARD Yvonne, WU Libing, "Infrastructure-Assisted Message Dissemination for Supporting Heterogeneous Driving Patterns", <i>IEEE Transactions on Intelligent Transportation Systems</i>, 18(10), October 2017, pp 2865-2876, doi: https://doi.org/10.1109/TITS.2017.2661962.</p>
LIU Cheng	<p>#ZHENG Chutao, #LIU Cheng, WONG Hau San, "Corpus-based topic diffusion for short text clustering", <i>Neurocomputing</i>, 275, 16 November 2017, pp 2444-2458, doi: https://doi.org/10.1016/j.neucom.2017.11.019.</p> <p>WU Si, WANG Shufeng, LAGANIERE Robert, #LIU Cheng, WONG Hau San, XU Yong, "Exploiting Target Data to Learn Deep Convolutional Networks for Scene-Adapted Human Detection", <i>IEEE Transactions on Image Processing</i>, 27(3), 04 December 2017, pp 1418-1432, doi: https://doi.org/10.1109/TIP.2017.2779271.</p> <p>#QIAN Sheng, LIU Hua, #LIU Cheng, WU Si, WONG Hau San, "Adaptive activation functions in convolutional neural networks", <i>Neurocomputing</i>, 272, 06 July 2017, pp 204-212, doi: https://doi.org/10.1016/j.neucom.2017.06.070.</p>
LIU Libin	<p>#ZHANG Che, XU Hong, #LIU Libin, #NIU Zhixiong, #WANG Peng, "Kuijia: Traffic Rescaling in Software-Defined Data Center WANs", <i>Security and Communication Networks</i>, 15 January 2018, doi: https://doi.org/10.1155/2018/6361901.</p> <p>LIU Shuhao, XU Hong, #LIU Libin, BAI Wei, CHEN Kai, CAI Zhiping, "RepNet: Cutting Latency with Flow Replication in Data Center Networks", <i>IEEE Transactions on Services Computing</i>, 15 January 2018, doi: https://doi.org/10.1109/TSC.2018.2793250.</p>
LIU Shengxin	<p>#LIU Shengxin, POON Chung Keung, "On mining approximate and exact fault-tolerant frequent itemsets", <i>Knowledge and Information Systems</i>, 55(2), 11 July 2017, pp 361-391, doi: https://doi.org/10.1007/s10115-017-1079-4.</p>
LU Yijie	<p>DE BOER Maaike H.T., #LU Yijie, #ZHANG Hao, SCHUTTE Klamer, NGO Chong Wah, KRAAIJ Wessel, "Semantic reasoning in zero example video event retrieval", <i>ACM Transactions on Multimedia Computing, Communications and Applications</i>, 13(4), October 2017, doi: https://doi.org/10.1145/3131288.</p>
MA Xiaoxue	<p>JAYAPRAKASAM Suhanya, #MA Xiaoxue, CHOI Jun Won, KIM Sunwoo, "Robust beam-tracking for mmWave mobile communications", <i>IEEE Communications Letters</i>, 21(12), 04 September 2017, pp 2654-2657, doi: https://doi.org/10.1109/LCOMM.2017.2748938.</p>

Section A: Publications of PhD Students

MA Yun	# MA Yun , LI Qing , "A weakly-supervised extractive framework for sentiment-preserving document summarization", <i>World Wide Web</i> , 30 May 2018, doi: https://doi.org/10.1007/s11280-018-0591-0 .
MAO Xudong	ZHANG Detian, LIU Yuan, LIU An, # MAO Xudong , LI Qing , "Efficient Path Query Processing Through Cloud-Based Mapping Services", <i>IEEE Access</i> , 5, 11 July 2017, pp 12963-12973, doi: https://doi.org/10.1109/ACCESS.2017.2725308 .
MEN Qianhui	# MEN Qianhui , LEUNG Wing Ho Howard , YANG Yang, "Self-feeding frequency estimation and eating action recognition from skeletal representation using Kinect", <i>World Wide Web</i> , 21 April 2018, pp 1-16, doi: https://doi.org/10.1007/s11280-018-0567-0 .
MENSAH Solomon	# MENSAH Solomon , KEUNG Wai Jacky , SVAJLENKO Jeffery, # BENNIN Kwabena Ebo , # MI Qing , "On the value of a prioritization scheme for resolving Self-admitted technical debt", <i>Journal of Systems and Software</i> , 135, 28 September 2017, pp 37-54, doi: https://doi.org/10.1016/j.jss.2017.09.026 .
	# BENNIN Kwabena Ebo , KEUNG Wai Jacky , PHANNACHITTA Passakorn, MONDEN Akito, # MENSAH Solomon , "MAHAKIL: Diversity based Oversampling Approach to Alleviate the Class Imbalance Issue in Software Defect Prediction", <i>IEEE Transactions on Software Engineering</i> , 44(6), 24 July 2017, pp 534-550, doi: https://doi.org/10.1109/TSE.2017.2731766 .
	# MENSAH Solomon , KEUNG Wai Jacky , MACDONELL Stephen G., BOSU Michael F., # BENNIN Kwabena Ebo , "Investigating the Significance of the Bellwether Effect to Improve Software Effort Prediction: Further Empirical Study", <i>IEEE Transactions on Reliability</i> , 67(3), 14 June 2018, pp 1176-1198, doi: https://doi.org/10.1109/TR.2018.2839718 .
	# MENSAH Solomon , KEUNG Wai Jacky , BOSU Michael Franklin, # BENNIN Kwabena Ebo , "Duplex output software effort estimation model with self-guided interpretation", <i>Information and Software Technology</i> , 94, 23 September 2017, pp 1-13, doi: https://doi.org/10.1016/j.infsof.2017.09.010 .
	# MI Qing , KEUNG Wai Jacky , HUO Yuqi, # MENSAH Solomon , "Not all bug reopens are negative: A case study on eclipse bug reports", <i>Information and Software Technology</i> , 99, 06 March 2018, pp 93-97, doi: https://doi.org/10.1016/j.infsof.2018.03.006 .
MI Qing	# MENSAH Solomon , KEUNG Wai Jacky , SVAJLENKO Jeffery, # BENNIN Kwabena Ebo , # MI Qing , "On the value of a prioritization scheme for resolving Self-admitted technical debt", <i>Journal of Systems and Software</i> , 135, 28 September 2017, pp 37-54, doi: https://doi.org/10.1016/j.jss.2017.09.026 .
	# MI Qing , KEUNG Wai Jacky , HUO Yuqi, # MENSAH Solomon , "Not all bug reopens are negative: A case study on eclipse bug reports", <i>Information and Software Technology</i> , 99, 06 March 2018, pp 93-97, doi: https://doi.org/10.1016/j.infsof.2018.03.006 .
	# XIAO Yan , KEUNG Wai Jacky , # BENNIN Kwabena Ebo , # MI Qing , "Machine translation-based bug localization technique for bridging lexical gap", <i>Information and Software Technology</i> , 99, 06 March 2018, pp 58-61, doi: https://doi.org/10.1016/j.infsof.2018.03.003 .
NGUYEN Phuong Anh	LOKOČ Jakub, # NGUYEN Phuong Anh , VOMLELOVÁ Marta, NGO Chong Wah , "Color-Sketch Simulator: A Guide for Color-Based Visual Known-Item Search", <i>Lecture Notes in Computer Science</i> , 10604, 14 October 2017, pp 754-763, doi: https://doi.org/10.1007/978-3-319-69179-4_53 .
NIE Wendi	# NIE Wendi , LEE Chung Sing Victor , NIYATO Dusit, # DUAN Yaoxin , LIU Kai, NUTANONG Sarana, "A Quality-oriented Data Collection Scheme in Vehicular Sensor Networks", <i>IEEE Transactions on Vehicular Technology</i> , 67(7), 22 March 2018, pp 5570-5584, doi: https://doi.org/10.1109/TVT.2018.2818190 .
	# DUAN Yaoxin , LAM Kam Yiu , LEE Chung Sing Victor , # NIE Wendi , LI Hao, NG Joseph K. Y., "Multiple Power Path Loss Fingerprinting for Sensor-Based Indoor Localization", <i>IEEE sensors letters</i> , 1(4), 12 July 2017, doi: https://doi.org/10.1109/LENS.2017.2726181 .
	# DUAN Yaoxin , LEE Chung Sing Victor , LAM Kam Yiu , # NIE Wendi , LIU Kai, "A cross-layer design for data dissemination in vehicular ad hoc networks", <i>Neural Computing and Applications</i> , 20 October 2017, doi: https://doi.org/10.1007/s00521-017-3234-y .

Section A: Publications of PhD Students

NIU Zhixiong	#ZHANG Che, XU Hong, #LIU Libin, #NIU Zhixiong, #WANG Peng, "Kuijia: Traffic Rescaling in Software-Defined Data Center WANs", <i>Security and Communication Networks</i> , 15 January 2018, doi: https://doi.org/10.1155/2018/6361901 .
	#WANG Peng, XU Hong, #NIU Zhixiong, HAN Dongsu, XIONG Yongqiang, "Expeditus: Congestion-Aware Load Balancing in Clos Data Center Networks", <i>IEEE/ACM Transactions on Networking</i> , 25(5), 07 August 2017, pp 3175-3188, doi: https://doi.org/10.1109/TNET.2017.2731986 .
OGUNDELE Tunde Joseph	#OGUNDELE Tunde Joseph, CHOW Chi Yin, ZHANG Jiadong, "SoCaST*: Personalized Event Recommendations for Event-based Social Networks: A Multi-Criteria Decision Making Approach", <i>IEEE Access</i> , 6, 02 May 2018, pp 27579-27592, doi: https://doi.org/10.1109/ACCESS.2018.2832543 .
QIAN Sheng	#HUI John, MAI Bo, #QIAN Sheng, KWOK Lam For, "Cultivating better learning attitudes: a preliminary longitudinal study", <i>Open Learning</i> , 33(2), 21 March 2018, pp 155-170, doi: https://doi.org/10.1080/02680513.2018.1454830 .
	#QIAN Sheng, LIU Hua, #LIU Cheng, WU Si, WONG Hau San, "Adaptive activation functions in convolutional neural networks", <i>Neurocomputing</i> , 272, 06 July 2017, pp 204-212, doi: https://doi.org/10.1016/j.neucom.2017.06.070 .
QU Liangqiong	#QU Liangqiong, TIAN Jiandong, FAN Huijie, LI Wentao, TANG Yandong, "Evaluation of shadow features", <i>IET Computer Vision</i> , 12(1), 05 October 2017, pp 95-103, doi: https://doi.org/10.1049/iet-cvi.2017.0159 .
SHI Jialong	#SHI Jialong, ZHANG Qingfu, TSANG Edward, "EB-GLS: an improved guided local search based on the big valley structure", <i>Memetic Computing</i> , 10(3), 26 July 2017, pp 333-350, doi: https://doi.org/10.1007/s12293-017-0242-5 .
	#SHI Jialong, ZHANG Qingfu, DERBEL Bilel, LIEFOOGHE Arnaud, VEREL Sébastien, "Using Parallel Strategies to Speed up Pareto Local Search", <i>Lecture Notes in Computer Science</i> , 10593, November 2017, pp 62-74, doi: https://doi.org/10.1007/978-3-319-68759-9_6 .
SHI Zhendong	#SHI Zhendong, KEUNG Wai Jacky, #BENNIN Kwabena Ebo, ZHANG Xingjun, "Comparing learning to rank techniques in hybrid bug localization", <i>Applied Soft Computing</i> , 62, 08 November 2017, pp 636-648, doi: https://doi.org/10.1016/j.asoc.2017.10.048 .
SHU Jiangang	#SHU Jiangang, LIU Ximeng, JIA Xiaohua, YANG Kan, DENG Robert H., "Anonymous Privacy-Preserving Task Matching in Crowdsourcing", <i>IEEE Internet of Things Journal</i> , 5(4), 27 April 2018, pp 3068-3078, doi: https://doi.org/10.1109/IIOT.2018.2830784 .
	#SHU Jiangang, JIA Xiaohua, YANG Kan, WANG Hua, "Privacy-Preserving Task Recommendation Services for Crowdsourcing", <i>IEEE Transactions on Services Computing</i> , 10 January 2018, doi: https://doi.org/10.1109/TSC.2018.2791601 .
	ZHANG Yinghui, DENG Robert H., #SHU Jiangang, YANG Kan, ZHENG Dong, "TKSE: Trustworthy Keyword Search over Encrypted Data with Two-side Verifiability via Blockchain", <i>IEEE Access</i> , 6, 2018, pp 31077-31087, doi: https://doi.org/10.1109/ACCESS.2018.2844400 .
SONG Yibing	#SONG Yibing, BAO Linchao, HE Shengfeng, YANG Qingxiong, YANG Ming-Hsuan, "Stylizing face images via multiple exemplars", <i>Computer Vision and Image Understanding</i> , 162, 26 August 2017, pp 135-145, doi: https://doi.org/10.1016/j.cviu.2017.08.009 .
TANG Chung Man	LEE Chung Sing Victor, YU Yuen Tak, #TANG Chung Man, WONG T. L., POON C. K., "ViDA: A virtual debugging advisor for supporting learning in computer programming courses", <i>Journal of Computer Assisted Learning</i> , 34(3), 19 February 2018, pp 243-258, doi: https://doi.org/10.1111/jcal.12238 .
TANG Zhongzheng	CHEN Xujin, DIAO Zhuo, HU Xiaodong, #TANG Zhongzheng, "Covering Triangles in Edge-Weighted Graphs", <i>Theory of Computing Systems</i> , 62(6), 23 March 2018, pp 1525-1552, doi: https://doi.org/10.1007/s00224-018-9860-7 .
TAO Lin	#TAO Lin, LI Zhenjiang, WU Libing, "Outlet: Outsourcing Wearable Computing to the Ambient Mobile Computing Edge", <i>IEEE Access</i> , 6, 12 March 2018, pp 18408-18419, doi: https://doi.org/10.1109/ACCESS.2018.2814215 .
WANG Dan	GUO Fei, #WANG Dan, WANG Lusheng, "Progressive approach for SNP calling and haplotype assembly using single molecular sequencing data", <i>Bioinformatics</i> , 34(12), 19 February 2018, pp 2012-2018, doi: https://doi.org/10.1093/bioinformatics/bty059 .

Section A: Publications of PhD Students

WANG Kai	WU Weiwei, <u>LI Minming</u> , #WANG Kai, HUANG He, CHEN Enhong, "Speed scaling problems with memory/cache consideration", <i>Journal of Scheduling</i> , 06 June 2018, doi: https://doi.org/10.1007/s10951-018-0565-1 .
	<u>CHAU Vincent</u> , CHEN Xin, #FONG Chi Kit Ken, <u>LI Minming</u> , #WANG Kai, "Flow shop for dual CPUs in dynamic voltage scaling", <i>Theoretical Computer Science</i> , 22 September 2017, doi: https://doi.org/10.1016/j.tcs.2017.09.014 .
	CALINESCU Gruia, FU Chenchen, <u>LI Minming</u> , #WANG Kai, <u>XUE Chun Jason</u> , "Energy Optimal Task Scheduling with Normally-off Local Memory and Sleep-aware Shared Memory with Access Conflict", <i>IEEE Transactions on Computers</i> , 67(8), 11 February 2018, pp 1121-1135, doi: https://doi.org/10.1109/TC.2018.2805337 .
WANG Peng	#WANG Peng, <u>XU Hong</u> , #NIU Zhixiong, HAN Dongsu, XIONG Yongqiang, "Expeditus: Congestion-Aware Load Balancing in Clos Data Center Networks", <i>IEEE/ACM Transactions on Networking</i> , 25(5), 07 August 2017, pp 3175-3188, doi: https://doi.org/10.1109/TNET.2017.2731986 .
	#ZHANG Che, <u>XU Hong</u> , #LIU Libin, #NIU Zhixiong, #WANG Peng, "Kuijia: Traffic Rescaling in Software-Defined Data Center WANs", <i>Security and Communication Networks</i> , 15 January 2018, doi: https://doi.org/10.1155/2018/6361901 .
WANG Xinyu	#WANG Yufan, #CHEN Meng, #WANG Xinyu, <u>CHAN Ho Man</u> , <u>LI Wen Jung</u> , "IoT for Next-Generation Racket Sports Training", <i>IEEE Internet of Things Journal</i> , 16 May 2018, doi: https://doi.org/10.1109/JIOT.2018.2837347 .
	<u>YUAN Xingliang</u> , #WANG Xinyu, <u>WANG Cong</u> , #YU Chenyun, <u>NUTANONG Sarana</u> , "Privacy-Preserving Similarity Joins over Encrypted Data", <i>IEEE Transactions on Information Forensics and Security</i> , 12(11), November 2017, pp 2763-2775, doi: https://doi.org/10.1109/TIFS.2017.2721221 .
WU Chao	#JI Cheng, <u>CHANG Li-Pin</u> , #WU Chao, <u>SHI Liang</u> , <u>XUE Chun Jason</u> , "An I/O Scheduling Strategy for Embedded Flash Storage Devices with Mapping Cache", <i>IEEE Transactions on Computer - Aided Design of Integrated Circuits and Systems</i> , 37(4), 20 July 2017, pp 756-769, doi: https://doi.org/10.1109/TCAD.2017.2729405 .
	#JI Cheng, <u>CHANG Li-Pin</u> , <u>SHI Liang</u> , <u>GAO Congming</u> , #WU Chao, <u>WANG Yuangang</u> , <u>XUE Chun Jason</u> , "Lightweight data compression for mobile flash storage", <i>Transactions on Embedded Computing Systems</i> , 16(5s), October 2017, doi: https://doi.org/10.1145/3126511 .
WU Mengyuan	#WU Mengyuan, <u>LI Ke</u> , <u>KWONG Tak Wu Sam</u> , <u>ZHOU Yu</u> , <u>ZHANG Qingfu</u> , "Matching-Based Selection With Incomplete Lists for Decomposition Multiobjective Optimization", <i>IEEE Transactions on Evolutionary Computation</i> , 21(4), August 2017, pp 554-568, doi: https://doi.org/10.1109/TEVC.2017.2656922 .
WU Wenhui	#JIA Yuheng, <u>KWONG Tak Wu Sam</u> , #WU Wenhui, <u>WANG Ran</u> , <u>GAO Wei</u> , "Sparse Bayesian Learning-Based Kernel Poisson Regression", <i>IEEE Transactions on Cybernetics</i> , 28 November 2017, doi: https://doi.org/10.1109/TCYB.2017.2764099 .
	#WU Wenhui, #JIA Yuheng, <u>KWONG Tak Wu Sam</u> , <u>HOU Junhui</u> , "Pairwise Constraint Propagation-Induced Symmetric Nonnegative Matrix Factorization", <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 18 May 2018, doi: https://doi.org/10.1109/TNNLS.2018.2830761 .
	#WU Wenhui, <u>KWONG Tak Wu Sam</u> , <u>ZHOU Yu</u> , #JIA Yuheng, <u>GAO Wei</u> , "Nonnegative matrix factorization with mixed hypergraph regularization for community detection", <i>Information Sciences</i> , 435, 08 January 2018, pp 263-281, doi: https://doi.org/10.1016/j.ins.2018.01.008 .
XIAO Yan	#XIAO Yan, <u>KEUNG Wai Jacky</u> , #BENNIN Kwabena Ebo, #MI Qing, "Machine translation-based bug localization technique for bridging lexical gap", <i>Information and Software Technology</i> , 99, 06 March 2018, pp 58-61, doi: https://doi.org/10.1016/j.infsof.2018.03.003 .
XU Ke	#XU Ke, <u>WANG Xin</u> , <u>YANG Xin</u> , <u>HE Shengfeng</u> , <u>ZHANG Qiang</u> , <u>YIN Baocai</u> , <u>WEI Xiaopeng</u> , <u>LAU Rynson W H</u> , "Efficient Image Super-Resolution Integration", <i>Visual Computer</i> , 34(6-8), 16 May 2018, pp 1065-1076, doi: https://doi.org/10.1007/s00371-018-1554-2 .

Section A: Publications of PhD Students

XU Xiaobin	WEI Xing, #XU Xiaobin, #ZHANG Jiawei, GONG Yihong, "Specular highlight reduction with known surface geometry", <i>Computer Vision and Image Understanding</i> , 168, 27 October 2017, pp 132-144, doi: https://doi.org/10.1016/j.cviu.2017.10.010 .
YAN Shankai	#CHEN Junyi, #YAN Shankai, WONG Ka Chun, "Verbal aggression detection on Twitter comments: convolutional neural network for short-text sentiment analysis", <i>Neural Computing and Applications</i> , 20 March 2018, doi: https://doi.org/10.1007/s00521-018-3442-0 . #YAN Shankai, WONG Ka Chun, "Elucidating high-dimensional cancer hallmark annotation via enriched ontology", <i>Journal of Biomedical Informatics</i> , 73, 16 July 2017, pp 84-94, doi: https://doi.org/10.1016/j.jbi.2017.07.011 .
YANG Jialin	#YANG Jialin, JIANG Bo, CHAN Wing Kwong, "HistLock+: Precise Memory Access Maintenance Without Lockset Comparison for Complete Hybrid Data Race Detection", <i>IEEE Transactions on Reliability</i> , 08 June 2018, doi: https://doi.org/10.1109/TR.2018.2832226 .
YANG Rongwei	#LIU Bingyi, JIA Dongyao, LU Kejie, CHEN Haibo, #YANG Rongwei, WANG Jianping, BARNARD Yvonne, WU Libing, "Infrastructure-Assisted Message Dissemination for Supporting Heterogeneous Driving Patterns", <i>IEEE Transactions on Intelligent Transportation Systems</i> , 18(10), October 2017, pp 2865-2876, doi: https://doi.org/10.1109/TITS.2017.2661962 .
YANG Tianyu	#YU Lei, #YANG Tianyu, CHAN Antoni Bert, "Density-Preserving Hierarchical EM Algorithm: Simplifying Gaussian Mixture Models for Approximate Inference", <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 08 June 2018, doi: https://doi.org/10.1109/TPAMI.2018.2845371 .
YAO Jing	#YAO Jing, #ZHENG Yifeng, WANG Cong, GUI Xiaolin, "Enabling Search Over Encrypted Cloud Data With Concealed Search Pattern", <i>IEEE Access</i> , 6, 28 February 2018, pp 11112-11122, doi: https://doi.org/10.1109/ACCESS.2018.2810297 .
YU Chenyun	#ZHOU Zimeng, #YU Chenyun, NUTANONG Sarana, #CUI Yufei, FU Chenchen, XUE Chun Jason, "A Hardware-Accelerated Solution for Hierarchical Index-Based Merge-Join", <i>IEEE Transactions on Knowledge and Data Engineering</i> , 03 April 2018, doi: https://doi.org/10.1109/tkde.2018.2822707 . #LI Hangyu, NUTANONG Sarana, XU Hong, #YU Chenyun, HA Foryu, "C2Net: A Network-Efficient Approach to Collision Counting LSH Similarity Join", <i>IEEE Transactions on Knowledge and Data Engineering</i> , 15 May 2018, doi: https://doi.org/10.1109/TKDE.2018.2836464 . YUAN Xingliang, #WANG Xinyu, WANG Cong, #YU Chenyun, NUTANONG Sarana, "Privacy-Preserving Similarity Joins over Encrypted Data", <i>IEEE Transactions on Information Forensics and Security</i> , 12(11), November 2017, pp 2763-2775, doi: https://doi.org/10.1109/TIFS.2017.2721221 .
YU Lei	#YU Lei, #YANG Tianyu, CHAN Antoni Bert, "Density-Preserving Hierarchical EM Algorithm: Simplifying Gaussian Mixture Models for Approximate Inference", <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 08 June 2018, doi: https://doi.org/10.1109/TPAMI.2018.2845371 .
YU Pei Duo	#YU Pei Duo, TAN Chee Wei, FU Hung-Lin, "Averting Cascading Failures in Networked Infrastructures: Poset-constrained Graph Algorithms", <i>IEEE Journal on Selected Topics in Signal Processing</i> , 12(4), 07 June 2018, pp 733-748, doi: https://doi.org/10.1109/JSTSP.2018.2844813 .
ZHANG Che	#ZHANG Che, XU Hong, #LIU Libin, #NIU Zhixiong, #WANG Peng, "Kuijia: Traffic Rescaling in Software-Defined Data Center WANs", <i>Security and Communication Networks</i> , 15 January 2018, doi: https://doi.org/10.1155/2018/6361901 .
ZHANG Hao	DE BOER Maaïke H.T., #LU Yijie, #ZHANG Hao, SCHUTTE Klamer, NGO Chong Wah, KRAAIJ Wessel, "Semantic reasoning in zero example video event retrieval", <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 13(4), October 2017, doi: https://doi.org/10.1145/3131288 .
ZHANG Jia	#ZHANG Jia, KWONG Tak Wu Sam, ZHAO Tiesong, PAN Zhaoqing, "CTU-Level Complexity Control for High Efficiency Video Coding", <i>IEEE Transactions on Multimedia</i> , 20(1), 04 July 2017, pp 29-44, doi: https://doi.org/10.1109/TMM.2017.2723238 .

Section A: Publications of PhD Students

	<p>#ZHANG Jia, KWONG Tak Wu Sam, ZHAO Tiesong, IP Ho Shing Horace, "Complexity Control in HEVC Intra Coding for Industrial Video Applications", <i>IEEE Transactions on Industrial Informatics</i>, 05 June 2018, doi: https://doi.org/10.1109/TII.2018.2844214.</p> <p>#ZHANG Jia, KWONG Tak Wu Sam, WANG Xu, "Two-Stage Fast Inter CU Decision for HEVC Based on Bayesian Method and Conditional Random Fields", <i>IEEE Transactions on Circuits and Systems for Video Technology</i>, 31 August 2017, doi: https://doi.org/10.1109/TCSVT.2017.2747618.</p>
ZHANG Jiao	<p>#ZHANG Jiao, KWONG Tak Wu Sam, WONG Ka Chun, "ToBio: Global Pathway Similarity Search based on Topological and Biological Features", <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i>, 03 November 2017, doi: https://doi.org/10.1109/TCBB.2017.2769642.</p>
ZHANG Jiawei	<p>#CHEN Mingliang, #ZHANG Jiawei, HE Shengfeng, YANG Qingxiong, LI Qing, YANG Ming-Hsuan, "Interactive Hierarchical Object Proposals", <i>IEEE Transactions on Circuits and Systems for Video Technology</i>, 20 November 2017, doi: https://doi.org/10.1109/TCSVT.2017.2775446.</p> <p>WEI Xing, #XU Xiaobin, #ZHANG Jiawei, GONG Yihong, "Specular highlight reduction with known surface geometry", <i>Computer Vision and Image Understanding</i>, 168, 27 October 2017, pp 132-144, doi: https://doi.org/10.1016/j.cviu.2017.10.010.</p>
ZHANG Shixiong	<p>ZHANG Wenyu, #ZHANG Shixiong, ZHANG Shuai, "Two-factor high-order fuzzy-trend FTS model based on BSO-FCM and improved KA for TAIEX stock forecasting", <i>Nonlinear Dynamics</i>, 27 June 2018, doi: https://doi.org/10.1007/s11071-018-4433-5.</p> <p>LI Xiangtao, #ZHANG Shixiong, WONG Ka Chun, "Nature-Inspired Multiobjective Epistasis Elucidation from Genome-Wide Association Studies", <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i>, 22 June 2018, doi: https://doi.org/10.1109/TCBB.2018.2849759.</p>
ZHAO Zicheng	<p>CHAN MUN WEI Joshua, #ZHAO Zicheng, LI Shuaicheng, NG Yen Kaow, "NGS-based likelihood ratio for identifying contributors in two- and three-person DNA mixtures", <i>Computational Biology and Chemistry</i>, 74, 28 March 2018, pp 428-433, doi: https://doi.org/10.1016/j.compbiolchem.2018.03.010.</p> <p>TAN Bowen, #ZHAO Zicheng, ZHANG Zhe, LI Shengbin, LI Shuaicheng, "Search for More Effective Microsatellite Markers for Forensics with Next-Generation Sequencing", <i>IEEE Transactions on Nanobioscience</i>, 16(5), July 2017, pp 375-381, doi: https://doi.org/10.1109/TNB.2017.2712795.</p>
ZHENG Chutao	<p>#ZHENG Chutao, #LIU Cheng, WONG Hau San, "Corpus-based topic diffusion for short text clustering", <i>Neurocomputing</i>, 275, 16 November 2017, pp 2444-2458, doi: https://doi.org/10.1016/j.neucom.2017.11.019.</p>
ZHENG Yifeng	<p>#CUI Helei, YUAN Xingliang, #ZHENG Yifeng, WANG Cong, "Towards Encrypted In-Network Storage Services with Secure Near-Duplicate Detection", <i>IEEE Transactions on Services Computing</i>, 25 June 2018, doi: https://doi.org/10.1109/TSC.2018.2850333.</p> <p>#ZHENG Yifeng, #DUAN Huayi, WANG Cong, "Learning the Truth Privately and Confidently: Encrypted Confidence-Aware Truth Discovery in Mobile Crowdsensing", <i>IEEE Transactions on Information Forensics and Security</i>, 13(10), 23 March 2018, pp 2475-2489, doi: https://doi.org/10.1109/TIFS.2018.2819134.</p> <p>#YAO Jing, #ZHENG Yifeng, WANG Cong, GUI Xiaolin, "Enabling Search Over Encrypted Cloud Data With Concealed Search Pattern", <i>IEEE Access</i>, 6, 28 February 2018, pp 11112-11122, doi: https://doi.org/10.1109/ACCESS.2018.2810297.</p>
ZHOU Zimeng	<p>#ZHOU Zimeng, #YU Chenyun, NUTANONG Sarana, #CUI Yufei, FU Chenchen, XUE Chun Jason, "A Hardware-Accelerated Solution for Hierarchical Index-Based Merge-Join", <i>IEEE Transactions on Knowledge and Data Engineering</i>, 03 April 2018, doi: https://doi.org/10.1109/tkde.2018.2822707.</p>
ZHU Linwei	<p>#ZHU Linwei, ZHANG Yun, PAN Zhaoqing, WANG Ran, KWONG Tak Wu Sam, PENG Zongju, "Binary and multi-class learning based low complexity optimization for HEVC encoding", <i>IEEE Transactions on Broadcasting</i>, 63(3), 01 September 2017, pp 547-561, doi: https://doi.org/10.1109/TBC.2017.2711142.</p>

Section A: Publications of PhD Students

	# ZHU Linwei , ZHANG Yun , KWONG Tak Wu Sam , WANG Xu , ZHAO Tiesong , "Fuzzy SVM-Based Coding Unit Decision in HEVC", <i>IEEE Transactions on Broadcasting</i> , 64(3), 08 November 2017, pp 681-694, doi: https://doi.org/10.1109/TBC.2017.2762470 .
ZHU Qingling	# ZHU Qingling , LIN Qiuzhen , CHEN Jianyong , "A gene-level hybrid search framework for multiobjective evolutionary optimization", <i>Neural Computing and Applications</i> , 30(3), 30 June 2018, pp 759-773, doi: https://doi.org/10.1007/s00521-018-3563-5 .
Conference papers	
AO Xiang	# AO Xiang , # ZHAO Zicheng , LI Shuaicheng , "IsoRef improves the reference-based transcriptome assembly accuracy for RNA-seq data", <i>Proceedings - 10th International Conference on Bioinformatics and Computational Biology (BICOB 2018)</i> , Las Vegas, United States, 19-21 March 2018, pp 148-153, (ISBN: 978-1-5108-5866-4).
BENNIN Kwabena Ebo	# MENSAH Solomon , KEUNG Wai Jacky , BOSU Michael , # BENNIN Kwabena Ebo , KUDJO Patrick Kwaku , "A stratification and sampling model for bellwether moving window", <i>Proceedings of the International Conference on Software Engineering and Knowledge Engineering, SEKE</i> , KSI Research Inc. and Knowledge Systems Institute, Wyndham Pittsburgh University Center, Pittsburgh, United States, 05-07 July 2017, pp 481-486, (ISBN: 1891706411).
	# XIAO Yan , KEUNG Wai Jacky , # MI Qing , # BENNIN Kwabena Ebo , "Improving Bug Localization with an Enhanced Convolutional Neural Network", <i>Proceedings - 24th Asia-Pacific Software Engineering Conference (APSEC 2017)</i> , Nanjing, Jiangsu, China, 04-08 December 2017, pp 338-347, (ISBN: 978-1-5386-3681-7, 978-1-5386-3682-4).
	# MENSAH Solomon , KEUNG Wai Jacky , MACDONELL Stephen G. , BOSU Michael F. , # BENNIN Kwabena Ebo , "Investigating the Significance of Bellwether Effect to improve Software Effort Estimation", <i>2017 IEEE International Conference on Software Quality, Reliability and Security (QRS)</i> , Faculty of Information Technology, Czech Technical University, Prague, Czech Republic, 25-29 July 2017, pp 340-351, (ISBN: 978-1-5386-0592-9).
	# BENNIN Kwabena Ebo , KEUNG Wai Jacky , MONDEN Akito , PHANNACHITTA Passakorn , # MENSAH Solomon , "The Significant Effects of Data Sampling Approaches on Software Defect Prioritization and Classification", <i>Proceedings : 11th ACM/IEEE International Symposium on Empirical Software Engineering and Measurement, ESEM 2017</i> , Markham Suites Conference Centre , Toronto, Canada, 09-10 November 2017, pp 364-373, (ISBN: 9781509040391,9781509040407).
	# BENNIN Kwabena Ebo , KEUNG Wai Jacky , MONDEN Akito , "Impact of the Distribution Parameter of Data Sampling Approaches on Software Defect Prediction Models", <i>Proceedings - 24th Asia-Pacific Software Engineering Conference, APSEC 2017</i> , Nanjing, Jiangsu, China, 04-08 December 2017, pp 630-635, (ISBN: 978-1-5386-3681-7).
	# HUSSAIN Shahid , KEUNG Wai Jacky , # KHAN Arif Ali , # BENNIN Kwabena Ebo , "Correlation between the Frequent Use of Gang-of-Four Design Patterns and Structural Complexity", <i>Proceedings - 24th Asia-Pacific Software Engineering Conference (APSEC 2017)</i> , Nanjing, Jiangsu, China, 04-08 December 2017, pp 189-198, (ISBN: 978-1-5386-3681-7, 9781538636817).
	# XIAO Yan , KEUNG Wai Jacky , # MI Qing , # BENNIN Kwabena Ebo , "Bug Localization with Semantic and Structural Features using Convolutional Neural Network and Cascade Forest", <i>22nd Evaluation and Assessment in Software Engineering Conference (EASE 2018)</i> , University of Canterbury, Christchurch, New Zealand, 28-29 June 2018.
	# BENNIN Kwabena Ebo , KEUNG Wai Jacky , PHANNACHITTA Passakorn , MONDEN Akito , # MENSAH Solomon , "MAHAKIL: Diversity based Oversampling Approach to Alleviate the Class Imbalance Issue in Software Defect Prediction", <i>ICSE '18 - Proceedings of the 40th International Conference on Software Engineering</i> , Gothenburg, Sweden, 27 May - 03 June 2018, pp 699, (ISBN: 9781450356381).
	# POON Wai Nam , # BENNIN Kwabena Ebo , HUANG Jianglin , PHANNACHITTA Passakorn , KEUNG Wai Jacky , "Cross-project defect prediction using a credibility theory based naive bayes classifier", <i>2017 IEEE International Conference on Software Quality, Reliability and Security (QRS)</i> , Prague, Czech Republic, 25-29 July 2017, pp 434-441, (ISBN: 978-1-5386-0592-9).

Section A: Publications of PhD Students

CAI Chengjun	#CAI Chengjun, <u>YUAN Xingliang</u> , <u>WANG Cong</u> , "Hardening Distributed and Encrypted Keyword Search via Blockchain", <i>Proceedings : 2017 IEEE Symposium on Privacy-Aware Computing, PAC 2017</i> , Washington DC, USA, Washington DC, United States, 01-03 August 2017, pp 119-128, (ISBN: 9781538610275,9781538610282).
	HU Shengshan, #CAI Chengjun, WANG Qian, <u>WANG Cong</u> , LUO Xiangyang, REN Kui, "Searching an Encrypted Cloud Meets Blockchain: A Decentralized, Reliable and Fair Realization", <i>IEEE International Conference on Computer Communications 2018 - INFOCOM</i> , Honolulu, United States, 15-19 April 2018.
CAO Wenming	#ZHENG Chutao, #QIAN Sheng, #CAO Wenming, <u>WONG Hau San</u> , "Locality-Sensitive Term Weighting for Short Text Clustering", <i>Neural Information Processing - 24th International Conference, ICONIP 2017</i> , Guangzhou, China, 14-18 November 2017, pp 434-444, (ISBN: 9783319700861,9783319700878).
	#LIU Cheng, #CAO Wenming, #ZHENG Chutao, <u>WONG Hau San</u> , "Learning with Partially Shared Features for Multi-Task Learning", <i>Neural Information Processing - ICONIP 2017</i> , Guangzhou, China, 14-18 November 2017, pp 95-104, (ISBN: 978-3-319-70138-7,978-3-319-70139-4).
CHEN Jingjing	AN Yongsheng, CAO Yu, #CHEN Jingjing, <u>NGO Chong Wah</u> , JIA Jia, LUAN Huanbo, CHUA Tat-Seng, "PIC2DISH: A customized cooking assistant system", <i>MM 2017 - Proceedings of the 2017 ACM Multimedia Conference</i> , Mountain View, United States, 23-27 October 2017, pp 1269-1273, (ISBN: 978-1-4503-4906-2).
	#CHEN Jingjing, <u>NGO Chong Wah</u> , CHUA Tat-Seng, "Cross-modal Recipe Retrieval with Rich Food Attributes", <i>MM 2017 - Proceedings of the 2017 ACM Multimedia Conference</i> , Mountain View, United States, 23-27 October 2017, pp 1771-1779, (ISBN: 9781450349062).
	MING Zhao-Yan, #CHEN Jingjing, CAO Yu, FORDE Ciarán, <u>NGO Chong Wah</u> , CHUA Tat Seng, "Food photo recognition for dietary tracking: System and experiment", <i>MultiMedia Modeling - 24th International Conference, MMM 2018, Proceedings, Part II</i> , Dusit Thani Hotel, Bangkok, Thailand, 05-07 February 2018, pp 129-141, (ISBN: 9783319735993,9783319736006).
CHEN Mingliang	#ZHANG Jiawei, #JIAO Jianbo, #CHEN Mingliang, #QU Liangqiong, <u>XU Xiaobin</u> , YANG Qingxiong, "A hand pose tracking benchmark from stereo matching", <i>2017 IEEE International Conference on Image Processing, ICIP 2017 - Proceedings</i> , Beijing, Beijing, China, 17-20 September 2017, pp 982-986, (ISBN: 978-1-5090-2175-8).
CHENG Min	<u>YANG Zhenguo</u> , #CHENG Min, <u>LI Qing</u> , LI Yukun, LIN Zehang, LIU Wenyin, "Cross-domain and cross-modality transfer learning for multi-domain and multi-modality event detection", <i>Web Information Systems Engineering – WISE 2017 - 18th International Conference, Puschino, Russia, October 7-11, 2017, Proceedings, Part I</i> , Hotel «Tsargrad», Puschino, Russian Federation, 07-11 October 2017, pp 516-523, (ISBN: 978-3-319-68782-7,978-3-319-68783-4).
DU Yajuan	LI Qiao, SHI Liang, DI Yejia, #DU Yajuan, WU Kaijie, <u>XUE Chun Jason</u> , ZHUGE Qingfeng, SHA Edwin H.-M., "Work-in-progress: A PV aware data placement scheme for read performance improvement on LDPC based flash memory", <i>Proceedings of the 12th IEEE/ACM/IFIP International Conference on Hardware/Software Codesign and System Synthesis Companion, CODES 2017</i> , Seoul, Korea, Republic of, 15-20 October 2017, (ISBN: 978-1-4503-5185-0).
	#DU Yajuan, JIA Yunpei, ZHANG Meng, ZENG Jun, <u>XUE Chun Jason</u> , "Enhancing SSD performance with LDPC-aware garbage collection", <i>NVMSA 2017 - 6th IEEE Non-Volatile Memory Systems and Applications Symposium</i> , Hsinchu, Taiwan, 16-18 August 2017, (ISBN: 978-1-5386-1768-7).
	LI Qiao, SHI Liang, DI Yejia, #DU Yajuan, <u>XUE Chun Jason</u> , YANG Chengmo, ZHUGE Qingfeng, SHA Edwin H. M., "Improving Read Performance Via Selective Vpass Reduction on High Density 3D NAND Flash Memory", <i>NVMSA 2017 - The 6th IEEE Non-Volatile Memory Systems and Applications Symposium</i> , Hsinchu, Taiwan, 16-18 August 2017, (ISBN: 9781538617687).
	#LIANG Yu, <u>FU Chenchen</u> , #DU Yajuan, DENG Aosong, ZHAO Mengying, SHI Liang, <u>XUE Chun Jason</u> , "An empirical study of F2FS on mobile devices", <i>2017 IEEE 23rd International</i>

Section A: Publications of PhD Students

	<p><i>Conference on Embedded and Real-Time Computing Systems and Applications (RTCSA)</i>, ESA, National Chiao Tung University, Hsinchu, Taiwan, 16-18 August 2017, (ISBN: 978-1-5386-1898-1,978-1-5386-2977-2).</p> <p>LI Qiao, SHI Liang, DI YeJia, #DU Yajuan, XUE Chun Jason, SHA Edwin H.M., "Exploiting Process Variation for Read Performance Improvement on LDPC Based Flash Memory Storage Systems", <i>PROCEEDINGS - IEEE 35th International Conference on Computer Design, ICCD 2017</i>, Boston, United States, 05-08 November 2017, pp 681-684, (ISBN: 9781538622544).</p>
DUAN Yaoxin	#QURESHI Umair Mujtaba, #UMAIR Zuneera, #DUAN Yaoxin, HANCKE Gerhard Petrus, "Analysis of Bluetooth Low Energy (BLE) based Indoor Localization System with Multiple Transmission Power Levels", <i>Proceedings - 2018 IEEE 27th International Symposium on Industrial Electronics (ISIE)</i> , Cairns Convention Centre, Cairns, Australia, 13-15 June 2018, pp 1302-1307, (ISBN: 9781538637043,9781538637050,9781538637067).
FONG Chi Kit Ken	#FONG Chi Kit Ken, LI Minming, LU Pinyan, TODO Taiki, YOKOO Makoto, "Facility Location Games with Fractional Preferences", <i>32nd AAAI Conference on Artificial Intelligence (AAAI-18)</i> , Hilton New Orleans Riverside, New Orleans, United States, 02-07 February 2018.
GUO Yu	#GUO Yu, WANG Cong, YUAN Xingliang, JIA Xiaohua, "Enabling Privacy-Preserving Header Matching for Outsourced Middleboxes", <i>Proceedings - 26th IEEE/ACM International Symposium on Quality of Service (IWQoS'18)</i> , Banff, Canada, 04-06 June 2018, (ISBN: 9781538625422).
	#GUO Yu, WANG Cong, JIA Xiaohua, "Enabling Secure and Dynamic Deep Packet Inspection in Outsourced Middleboxes", <i>SCC '18 - Proceedings of the 6th International Workshop on Security in Cloud Computing</i> , Songdo, Incheon, Korea, Republic of, 04-04 June 2018, pp 49-55, (ISBN: 9781450357593).
HE Zhixiang	#HE Zhixiang, SUN Xiaoli, LI Chenhui, BACIU George, LI Yushi, "Superpixel Matching Based Image Retrieval", <i>ICVIP 2017 : Proceedings of the International Conference on Video and Image Processing</i> , Nanyang Executive Centre, Singapore, Singapore, 27-29 December 2017, pp 156-160, (ISBN: 9781450353830).
HU Qiao	#HU Qiao, HANCKE Gerhard Petrus, "Self-jamming audio channels: Investigating the feasibility of perceiving overshadowing attacks", <i>Radio Frequency Identification and IoT Security - 12th International Workshop, RFIDSec 2016, Revised Selected Papers</i> , Hong Kong, Hong Kong, 30 November - 02 December 2016, pp 188-203, Volume 10155 LNCS, 2017 (ISBN: 978-3-319-62023-7,978-3-319-62024-4).
HUSSAIN Shahid	#HUSSAIN Shahid, KEUNG Wai Jacky, #KHAN Arif Ali, "The Effect of Gang-of-Four Design Patterns Usage on Design Quality Attributes", <i>2017 IEEE International Conference on Software Quality, Reliability and Security (QRS)</i> , Faculty of Information Technology, Czech Technical University, Prague, Czech Republic, 25-29 July 2017, pp 263-273, (ISBN: 9781538605929).
	#HUSSAIN Shahid, KEUNG Wai Jacky, #KHAN Arif Ali, "A framework for ranking of software design patterns", <i>Advances in Intelligent Systems and Computing - Complex, Intelligent, and Software Intensive Systems : Proceedings of the 11th International Conference on Complex, Intelligent, and Software Intensive Systems (CISIS-2017)</i> , Torino, Italy, 10-12 July 2017, pp 205-215, (ISBN: 9783319615653).
	#HUSSAIN Shahid, KEUNG Wai Jacky, #KHAN Arif Ali, #BENNIN Kwabena Ebo, "Correlation between the Frequent Use of Gang-of-Four Design Patterns and Structural Complexity", <i>Proceedings - 24th Asia-Pacific Software Engineering Conference (APSEC 2017)</i> , Nanjing, Jiangsu, China, 04-08 December 2017, pp 189-198, (ISBN: 978-1-5386-3681-7,9781538636817).
	#KHAN Arif Ali, KEUNG Wai Jacky, NIAZI Mahmood, #HUSSAIN Shahid, ZHANG He, "Systematic literature reviews of software process improvement: A tertiary study", <i>Systems, Software and Services Process Improvement - 24th European Conference, EuroSPI 2017, Ostrava, Czech Republic, September 6-8, 2017, Proceedings</i> , Ostrava, Czech Republic, 06-08 September 2017, pp 177-190, (ISBN: 978-3-319-64217-8,978-3-319-64218-5).
JI Cheng	HAHN Sangwook Shane, LEE Sungjin, #JI Cheng, CHANG Li-Pin, YEE Inhyuk, SHI Liang, XUE Chun Jason, KIM Jihong, "Improving File System Performance of Mobile Storage Systems Using a Decoupled Defragmenter", <i>Proceedings of the 2017 USENIX Annual Technical</i>

Section A: Publications of PhD Students

	<i>Conference (USENIX ATC '17)</i> , Santa Clara, 12-14 July 2017, pp 759-771, (ISBN: 978-1-931971-38-6).
JIA Yuheng	#JIA Yuheng, KWONG Tak Wu Sam, #WU Wenhui, GAO Wei, WANG Ran, "Generalized relevance vector machine", <i>2017 Intelligent Systems Conference (IntelliSys)</i> , London, United Kingdom, 07-08 September 2017, pp 638-645, (ISBN: 978-1-5090-6435-9).
	#WU Mengyuan, KWONG Tak Wu Sam, #JIA Yuheng, LI Ke, ZHANG Qingfu, "Adaptive weights generation for decomposition-based multi-objective optimization using Gaussian process regression", <i>GECCO 2017 - Proceedings of the 2017 Genetic and Evolutionary Computation Conference</i> , Berlin, Germany, 15-19 July 2017, pp 641-648, (ISBN: 9781450349208).
JIAO Jianbo	#JIAO Jianbo, TU Wei-Chih, HE Shengfeng, LAU Rynson W H, "FormResNet: Formatted Residual Learning for Image Restoration", <i>Proceedings : 30th IEEE Conference on Computer Vision and Pattern Recognition Workshops (CVPRW 2017)</i> , Honolulu, United States, 21-26 July 2017, pp 1034-1042, (ISBN: 9781538607336,9781538607343).
	#ZHANG Jiawei, #JIAO Jianbo, #CHEN Mingliang, #QU Liangqiong, XU Xiaobin, YANG Qingxiong, "A hand pose tracking benchmark from stereo matching", <i>2017 IEEE International Conference on Image Processing, ICIP 2017 - Proceedings</i> , Beijing, Beijing, China, 17-20 September 2017, pp 982-986, (ISBN: 978-1-5090-2175-8).
	HE Shengfeng, #JIAO Jianbo, #ZHANG Xiaodan, HAN Guoqiang, LAU Rynson W H, "Delving into Salient Object Subitizing and Detection", <i>Proceedings - 2017 IEEE International Conference on Computer Vision</i> , Venice, Italy, 22-29 October 2017, pp 1059-1067, (ISBN: 9781538610329,9781538610336).
KANG Di	#REN Weihong, #KANG Di, TANG Yandong, CHAN Antoni Bert, "Fusing Crowd Density Maps and Visual Object Trackers for People Tracking in Crowd Scenes", <i>2018 IEEE/CVF Conference on Computer Vision and Pattern Recognition, CVPR 2018 - Proceedings</i> , Calvin L. Rampton Salt Palace Convention Center, Salt Lake City, United States, 18-22 June 2018, pp 5353-5362, (ISBN: 9781538664209).
	#KANG Di, DHAR Debarun, CHAN Antoni Bert, "Incorporating Side Information by Adaptive Convolution", <i>31st Conference on Neural Information Processing Systems (NIPS 2017)</i> , Long Beach Convention Center, Long Beach, United States, 04-09 December 2017, pp 3868-3878.
KHAN Arif Ali	#HUSSAIN Shahid, KEUNG Wai Jacky, #KHAN Arif Ali, "The Effect of Gang-of-Four Design Patterns Usage on Design Quality Attributes", <i>2017 IEEE International Conference on Software Quality, Reliability and Security (QRS)</i> , Faculty of Information Technology, Czech Technical University, Prague, Czech Republic, 25-29 July 2017, pp 263-273, (ISBN: 9781538605929).
	#HUSSAIN Shahid, KEUNG Wai Jacky, #KHAN Arif Ali, "A framework for ranking of software design patterns", <i>Advances in Intelligent Systems and Computing - Complex, Intelligent, and Software Intensive Systems : Proceedings of the 11th International Conference on Complex, Intelligent, and Software Intensive Systems (CISIS-2017)</i> , Torino, Italy, 10-12 July 2017, pp 205-215, (ISBN: 9783319615653).
	#HUSSAIN Shahid, KEUNG Wai Jacky, #KHAN Arif Ali, #BENNIN Kwabena Ebo, "Correlation between the Frequent Use of Gang-of-Four Design Patterns and Structural Complexity", <i>Proceedings - 24th Asia-Pacific Software Engineering Conference (APSEC 2017)</i> , Nanjing, Jiangsu, China, 04-08 December 2017, pp 189-198, (ISBN: 978-1-5386-3681-7,9781538636817).
	#KHAN Arif Ali, KEUNG Wai Jacky, NIAZI Mahmood, #HUSSAIN Shahid, ZHANG He, "Systematic literature reviews of software process improvement: A tertiary study", <i>Systems, Software and Services Process Improvement - 24th European Conference, EuroSPI 2017, Ostrava, Czech Republic, September 6-8, 2017, Proceedings</i> , Ostrava, Czech Republic, 06-08 September 2017, pp 177-190, (ISBN: 978-3-319-64217-8,978-3-319-64218-5).
LEUNG Man Fai	#LEUNG Man Fai, WANG Jun, "A Neurodynamic Approach to Multiobjective Linear Programming", <i>Advances in Neural Networks - ISNN 2018 - 15th International Symposium on Neural Networks, ISNN 2018, Proceedings</i> , Minsk, Belarus, 25-28 June 2018, pp 11-18, (ISBN: 9783319925363,9783319925370).

Section A: Publications of PhD Students

LI Hangyu	# LI Hangyu , XU Hong , NUTANONG Sarana , "Bohr: Similarity Aware Geo-distributed Data Analytics", <i>Proc. USENIX Workshop on Hot Topics in Cloud Computing (HotCloud)</i> , 2017, Santa Clara, United States, 12-14 July 2017.
LI Qiao	GAO Congming, SHI Liang, DI Yejia, # LI Qiao , XUE Chun Jason , SHA Edwin H.-M., "An efficient cache management scheme for capacitor equipped solid state drives", <i>GLSVLSI 2018 - Proceedings of the 2018 Great Lakes Symposium on VLSI</i> , Chicago, United States, 23-25 May 2018, pp 463-466, (ISBN: 978-1-4503-5724-1).
	DI Yejia, SHI Liang, GAO Congming, # LI Qiao , WU Kaijie , XUE Chun Jason , "Loss is Gain: Shortening Data for Lifetime Improvement on Low-Cost ECC Enabled Consumer-Level Flash Memory", <i>GLSVLSI '18 - Proceedings of the 2018 Great Lakes Symposium on VLSI</i> , Chicago, United States, 23-25 May 2018, pp 225-230, (ISBN: 9781450357241).
LI Wenjuan	MENG Weizhi, # LI Wenjuan , LEE Wang Hao, JIANG Lijun, ZHOU Jianying, "A pilot study of multiple password interference between text and map-based passwords", <i>Applied Cryptography and Network Security - 15th International Conference, ACNS 2017 Kanazawa, Japan, July 10-12, 2017 Proceedings</i> , Kanazawa, Japan, 10-12 July 2017, pp 145-162, (ISBN: 978-3-319-61204-1,9783319612034).
	MENG Weizhi, FEI Fei , # LI Wenjuan , AU Man Ho, "Evaluating challenge-based trust mechanism in medical smartphone networks: An empirical study", <i>2017 IEEE Global Communications Conference (GLOBECOM) : Proceedings</i> , Marina Bay Sands Expo and Convention Centre, Singapore, Singapore, 04-08 December 2017, (ISBN: 9781509050192,9781509050208).
LIANG Yu	# LIANG Yu , FU Chenchen , # DU Yajuan , DENG Aosong, ZHAO Mengying, SHI Liang, XUE Chun Jason , "An empirical study of F2FS on mobile devices", <i>2017 IEEE 23rd International Conference on Embedded and Real-Time Computing Systems and Applications (RTCSA)</i> , ESA, National Chiao Tung University, Hsinchu, Taiwan, 16-18 August 2017, (ISBN: 978-1-5386-1898-1,978-1-5386-2977-2).
LIN Xi	# LIN Xi , ZHANG Qingfu , KWONG Tak Wu Sam , "An efficient batch expensive multi-objective evolutionary algorithm based on Decomposition", <i>2017 IEEE Congress on Evolutionary Computation (CEC)</i> , Donostia-San Sebastián, Spain, 05-08 June 2017, pp 1343-1349, 5 July 2017 (ISBN: 9781509046010).
LING Lin	# LING Lin , TAN Chee Wei , "Pilot Study on Optimal Task Scheduling in Learning", <i>L@S '18 - Proceedings of the Fifth Annual ACM Conference on Learning at Scale</i> , London, United Kingdom, 26-28 June 2018, (ISBN: 9781450358866).
LIU Cheng	# LIU Cheng , # CAO Wenming , # ZHENG Chutao , WONG Hau San , "Learning with Partially Shared Features for Multi-Task Learning", <i>Neural Information Processing - ICONIP 2017</i> , Guangzhou, China, 14-18 November 2017, pp 95-104, (ISBN: 978-3-319-70138-7,978-3-319-70139-4).
LIU Libin	# NIU Zhixiong , XU Hong , # LIU Libin , # TIAN Yongqiang , # WANG Peng , LI Zhenhua, "Unveiling performance of NFV software dataplanes", <i>CAN '17 : Proceedings of the 2nd Workshop on Cloud-Assisted Networking</i> , Incheon, Korea, Republic of, 12-12 December 2017, pp 13-18, (ISBN: 9781450354233).
LIU Shengxin	# LIU Shengxin , POON Chung Keung, "A Simple Greedy Algorithm for the Profit-Aware Social Team Formation Problem", <i>Combinatorial Optimization and Applications - 11th International Conference, COCOA 2017</i> , Shanghai, China, 16-18 December 2017, pp 379-393, (ISBN: 978-3-319-71146-1,978-3-319-71147-8).
LIU Yang	# LIU Yang , LI Zhenjiang , "Poster Abstract: Context-Free Wearable Side-Channel Leaks Your Typing Privacy", <i>IEEE INFOCOM 2018 - IEEE Conference on Computer Communications Workshops (INFOCOM WKSHPS)</i> , Honolulu, United States, 15-19 April 2018, (ISBN: 9781538659793).
	# LIU Yang , LI Zhenjiang , "aLeak: Privacy Leakage through Context-Free Wearable Side-Channel", <i>IEEE International Conference on Computer Communications 2018 (IEEE INFOCOM 2018)</i> , Honolulu, United States, 15-19 April 2018.
	YANG Kang, GONG Xiaoqing, # LIU Yang , LI Zhenjiang , XING Tianzhang, CHEN Xiaojiang, FANG Dingyi, "cDeepArch: A Compact Deep Neural Network Architecture for Mobile Sensing", <i>2018 15th ANNUAL IEEE INTERNATIONAL CONFERENCE ON SENSING</i> ,

Section A: Publications of PhD Students

	<i>COMMUNICATION, AND NETWORKING (SECON)</i> , The Hong Kong Polytechnic University, Hong Kong, 11-13 June 2018, pp 1-9, (ISBN: 9781538642818,9781538642825).
LU Yijie	# NGUYEN Phuong Anh , # LU Yijie , # ZHANG Hao , NGO Chong Wah , "Enhanced VIREO KIS at VBS 2018", <i>MultiMedia Modeling - 24th International Conference, MMM 2018, Proceedings, Part II</i> , Dusit Thani Hotel, Bangkok, Thailand, 05-07 February 2018, pp 407-412, (ISBN: 9783319735993,9783319736006).
LYU Yueming	# LYU Yueming , "Spherical structured feature maps for kernel approximation", <i>Proceedings of the 34th International Conference on Machine Learning</i> , Sydney, Australia, 06-11 August 2017, pp 2256-2264, (ISBN: 9781510855144).
MA Yun	LI Qing , # MA Yun , YANG Zhenguo , "Event cube – A conceptual framework for event modeling and analysis", <i>Web Information Systems Engineering – WISE 2017 - 18th International Conference, Puschino, Russia, October 7-11, 2017, Proceedings, Part I</i> , Hotel «Tsargrad», Puschino, Russian Federation, 07-11 October 2017, pp 499-515, (ISBN: 978-3-319-68782-7,978-3-319-68783-4).
MAO Xudong	# MAO Xudong , LI Qing , XIE Haoran , LAU Yiu Keung Raymond , WANG Zhen , SMOLLEY Stephen Paul , "Least Squares Generative Adversarial Networks", <i>Proceedings - 2017 IEEE International Conference on Computer Vision, ICCV 2017, Venice, Italy, 22-29 October 2017</i> , pp 2813-2821, (ISBN: 9781538610329,9781538610336).
MEI Xiupei	# GAO Feng , # MEI Xiupei , # ZHU Lina , # ZHANG Yuchen , # WANG Wei , WANG Xin , "HTSanalyzeR2: an ultra fast R/Bioconductor package for high-throughput screens with interactive report", <i>Celebrating The 25th Conference on Intelligent Systems for Molecular Biology And The 16th European Conference on Computational Biology</i> , Prague, Czech Republic, Prague, Czech Republic, 21-25 July 2017.
	# MI Qing , KEUNG Wai Jacky , # XIAO Yan , # MENSAH Solomon , # MEI Xiupei , "An Inception Architecture-Based Model for Improving Code Readability Classification", <i>22nd Evaluation and Assessment in Software Engineering Conference (EASE 2018)</i> , University of Canterbury, Christchurch, New Zealand, 28-29 June 2018.
MENSAH Solomon	# MENSAH Solomon , KEUNG Wai Jacky , BOSU Michael , # BENNIN Kwabena Ebo , KUDJO Patrick Kwaku , "A stratification and sampling model for bellwether moving window", <i>Proceedings of the International Conference on Software Engineering and Knowledge Engineering, SEKE</i> , KSI Research Inc. and Knowledge Systems Institute, Wyndham Pittsburgh University Center, Pittsburgh, United States, 05-07 July 2017, pp 481-486, (ISBN: 1891706411).
	# MENSAH Solomon , KEUNG Wai Jacky , MACDONELL Stephen G. , BOSU Michael F. , # BENNIN Kwabena Ebo , "Investigating the Significance of Bellwether Effect to improve Software Effort Estimation", <i>2017 IEEE International Conference on Software Quality, Reliability and Security (QRS)</i> , Faculty of Information Technology, Czech Technical University, Prague, Czech Republic, 25-29 July 2017, pp 340-351, (ISBN: 978-1-5386-0592-9).
	# MI Qing , GAO Yujin , KEUNG Wai Jacky , # XIAO Yan , # MENSAH Solomon , "Identifying Textual Features of High-Quality Questions: An Empirical Study on Stack Overflow", <i>Proceedings - 24th Asia-Pacific Software Engineering Conference, APSEC 2017, Nanjing, Jiangsu, China, 04-08 December 2017</i> , pp 636-641, (ISBN: 978-1-5386-3681-7).
	# BENNIN Kwabena Ebo , KEUNG Wai Jacky , MONDEN Akito , PHANNACHITTA Passakorn , # MENSAH Solomon , "The Significant Effects of Data Sampling Approaches on Software Defect Prioritization and Classification", <i>Proceedings : 11th ACM/IEEE International Symposium on Empirical Software Engineering and Measurement, ESEM 2017</i> , Markham Suites Conference Centre, Toronto, Canada, 09-10 November 2017, pp 364-373, (ISBN: 9781509040391,9781509040407).
	# BENNIN Kwabena Ebo , KEUNG Wai Jacky , PHANNACHITTA Passakorn , MONDEN Akito , # MENSAH Solomon , "MAHAKIL: Diversity based Oversampling Approach to Alleviate the Class Imbalance Issue in Software Defect Prediction", <i>ICSE '18 - Proceedings of the 40th International Conference on Software Engineering</i> , Gothenburg, Sweden, 27 May - 03 June 2018, pp 699, (ISBN: 9781450356381).
	# MI Qing , KEUNG Wai Jacky , # XIAO Yan , # MENSAH Solomon , # MEI Xiupei , "An Inception Architecture-Based Model for Improving Code Readability Classification", <i>22nd Evaluation</i>

Section A: Publications of PhD Students

	<i>and Assessment in Software Engineering Conference (EASE 2018)</i> , University of Canterbury, Christchurch, New Zealand, 28-29 June 2018.
MI Qing	#MI Qing, KEUNG Wai Jacky, HUANG Jianglin, #XIAO Yan, "Using Eye Tracking Technology to Analyze the Impact of Stylistic Inconsistency on Code Readability", <i>Proceedings - 2017 IEEE International Conference on Software Quality, Reliability and Security Companion, QRS-C 2017</i> , Prague, Czech Republic, 25-29 July 2017, pp 579-580, (ISBN: 978-1-5386-2072-4,978-1-5386-2073-1).
	#XIAO Yan, KEUNG Wai Jacky, #MI Qing, #BENNIN Kwabena Ebo, "Improving Bug Localization with an Enhanced Convolutional Neural Network", <i>Proceedings - 24th Asia-Pacific Software Engineering Conference (APSEC 2017)</i> , Nanjing, Jiangsu, China, 04-08 December 2017, pp 338-347, (ISBN: 978-1-5386-3681-7 ,978-1-5386-3682-4).
	#MI Qing, GAO Yujin, KEUNG Wai Jacky, #XIAO Yan, #MENSAH Solomon, "Identifying Textual Features of High-Quality Questions: An Empirical Study on Stack Overflow", <i>Proceedings - 24th Asia-Pacific Software Engineering Conference, APSEC 2017</i> , Nanjing, Jiangsu, China, 04-08 December 2017, pp 636-641, (ISBN: 978-1-5386-3681-7).
	#XIAO Yan, KEUNG Wai Jacky, #MI Qing, #BENNIN Kwabena Ebo, "Bug Localization with Semantic and Structural Features using Convolutional Neural Network and Cascade Forest", <i>22nd Evaluation and Assessment in Software Engineering Conference (EASE 2018)</i> , University of Canterbury, Christchurch, New Zealand, 28-29 June 2018.
	#MI Qing, KEUNG Wai Jacky, #XIAO Yan, #MENSAH Solomon, #MEI Xiupei, "An Inception Architecture-Based Model for Improving Code Readability Classification", <i>22nd Evaluation and Assessment in Software Engineering Conference (EASE 2018)</i> , University of Canterbury, Christchurch, New Zealand, 28-29 June 2018.
NGUYEN Phuong Anh	#NGUYEN Phuong Anh, #LU Yijie, #ZHANG Hao, NGO Chong Wah, "Enhanced VIREO KIS at VBS 2018", <i>MultiMedia Modeling - 24th International Conference, MMM 2018, Proceedings, Part II</i> , Dusit Thani Hotel, Bangkok, Thailand, 05-07 February 2018, pp 407-412, (ISBN: 9783319735993,9783319736006).
NIU Zhixiong	#NIU Zhixiong, XU Hong, #LIU Libin, #TIAN Yongqiang, #WANG Peng, LI Zhenhua, "Unveiling performance of NFV software dataplanes", <i>CAN '17 : Proceedings of the 2nd Workshop on Cloud-Assisted Networking</i> , Incheon, Korea, Republic of, 12-12 December 2017, pp 13-18, (ISBN: 9781450354233).
	#NIU Zhixiong, XU Hong, HAN Dongsu, CHENG Peng, XIONG Yongqiang, CHEN Guo, WINSTEIN Keith, "Network Stack as a Service in the Cloud", <i>HotNets 2018 - Proceedings of the 16th ACM Workshop on Hot Topics in Networks</i> , Palo Alto, California, USA, Palo Alto, California, United States, 30 November - 01 December 2017, pp 65-71, (ISBN: 978-1-4503-5569-8).
POBEE Ernest Bota	#YANG Jialin, #POBEE Ernest Bota, CHAN Wing Kwong, "A Case Study on Context Maintenance in Dynamic Hybrid Race Detectors", <i>2017 IEEE 41st Annual Computer Software and Applications Conference (COMPSAC)</i> , Torino, Italy, 04-08 July 2017, pp 84-89, (ISBN: 9781538603673).
QIAN Sheng	#ZHENG Chutao, #QIAN Sheng, #CAO Wenming, WONG Hau San, "Locality-Sensitive Term Weighting for Short Text Clustering", <i>Neural Information Processing - 24th International Conference, ICONIP 2017</i> , Guangzhou, China, 14-18 November 2017, pp 434-444, (ISBN: 9783319700861,9783319700878).
QU Liangqiong	#ZHANG Jiawei, #JIAO Jianbo, #CHEN Mingliang, #QU Liangqiong, XU Xiaobin, YANG Qingxiong, "A hand pose tracking benchmark from stereo matching", <i>2017 IEEE International Conference on Image Processing, ICIP 2017 - Proceedings</i> , Beijing, Beijing, China, 17-20 September 2017, pp 982-986, (ISBN: 978-1-5090-2175-8).
	#QU Liangqiong, TIAN Jiandong, HE Shengfeng, TANG Yandong, LAU Rynson W H, "DeshadowNet: A Multi-context Embedding Deep Network for Shadow Removal", <i>IEEE Conference on Computer Vision and Pattern Recognition (CVPR) 2017</i> , Honolulu, United States, 21-26 July 2017, pp 2308-2316, (ISBN: 9781538604571).
QURESHI Umair Mujtaba	#QURESHI Umair Mujtaba, #UMAIR Zuneera, HANCKE Gerhard Petrus, "Problem of Wireless Fingerprint Duplication in Fingerprinting based Indoor Localization", <i>Proceedings - 2018 IEEE 27th International Symposium on Industrial Electronics (ISIE)</i> , Cairns Convention

Section A: Publications of PhD Students

	Centre, Cairns, Australia, 13-15 June 2018, pp 1270-1275, (ISBN: 9781538637043,9781538637050,9781538637067).
	# <u>QURESHI Umair Mujtaba</u> , # <u>UMAIR Zuneera</u> , # <u>DUAN Yaoxin</u> , # <u>HANCKE Gerhard Petrus</u> , "Analysis of Bluetooth Low Energy (BLE) based Indoor Localization System with Multiple Transmission Power Levels", <i>Proceedings - 2018 IEEE 27th International Symposium on Industrial Electronics (ISIE)</i> , Cairns Convention Centre, Cairns, Australia, 13-15 June 2018, pp 1302-1307, (ISBN: 9781538637043,9781538637050,9781538637067).
REN Weihong	# <u>REN Weihong</u> , TIAN Jiandong, HAN Zhi, # <u>CHAN Antoni Bert</u> , TANG Yandong, "Video desnowing and deraining based on matrix decomposition", <i>Proceedings - 30th IEEE Conference on Computer Vision and Pattern Recognition, CVPR 2017</i> , Honolulu, United States, 21-26 July 2017, pp 2838-2847, (ISBN: 978-1-5386-0457-1).
	# <u>REN Weihong</u> , # <u>KANG Di</u> , TANG Yandong, # <u>CHAN Antoni Bert</u> , "Fusing Crowd Density Maps and Visual Object Trackers for People Tracking in Crowd Scenes", <i>2018 IEEE/CVF Conference on Computer Vision and Pattern Recognition, CVPR 2018 - Proceedings</i> , Calvin L. Rampton Salt Palace Convention Center, Salt Lake City, United States, 18-22 June 2018, pp 5353-5362, (ISBN: 9781538664209).
SARWAR Raheem	# <u>SARWAR Raheem</u> , # <u>YU Chenyun</u> , # <u>NUTANONG Sarana</u> , # <u>URAILERTPRASERT Norawit</u> , # <u>VANNABOOT Nattapol</u> , # <u>RAKTHANMANON Thanawin</u> , "A Scalable Framework for Stylometric Analysis of Multi-author Documents", <i>Database Systems for Advanced Applications - 23rd International Conference, DASFAA 2018, Proceedings</i> , Gold Coast, Australia, 21-24 May 2018, pp 813-829, (ISBN: 9783319914510,9783319914527).
SHI Zhenkui	# <u>SHI Zhenkui</u> , "Privacy-assured large-scale navigation from encrypted approximate shortest path recommendation", <i>Mobile Ad-hoc and Sensor Networks : 13th International Conference, MSN 2017, Revised Selected Papers</i> , Beijing, China, 17-20 December 2017, pp 195-211, (ISBN: 9789811088896,9789811088902).
SONG Yibing	# <u>SONG Yibing</u> , MA Chao, GONG Lijun, # <u>ZHANG Jiawei</u> , # <u>LAU Rynson W H</u> , YANG Ming-Hsuan, "CREST: Convolutional Residual Learning for Visual Tracking", <i>IEEE International Conference on Computer Vision (ICCV) 2017 - Proceedings</i> , Venice, Italy, 22-29 October 2017, pp 2574-2583, (ISBN: 9781538610329,9781538610336).
	# <u>SONG Yibing</u> , # <u>ZHANG Jiawei</u> , BAO Linchao, YANG Qingxiong, "Fast Preprocessing for Robust Face Sketch Synthesis", <i>Proceedings of the Twenty-Sixth International Joint Conference on Artificial Intelligence (IJCAI-17)</i> , Melbourne, Australia, 19-25 August 2017, pp 4530-4536, (ISBN: 9780999241103).
	# <u>SONG Yibing</u> , # <u>ZHANG Jiawei</u> , HE Shengfeng, BAO Linchao, YANG Qingxiong, "Learning to Hallucinate Face Images via Component Generation and Enhancement", <i>Proceedings of the Twenty-Sixth International Joint Conference on Artificial Intelligence (IJCAI-17)</i> , Melbourne, Australia, 19-25 August 2017, pp 4537-4543, (ISBN: 9780999241103).
TANG Chung Man	# <u>TANG Chung Man</u> , # <u>CHAN Wing Kwong</u> , # <u>YU Yuen Tak</u> , "Theoretical, Weak and Strong Accuracy Graphs of Spectrum-Based Fault Localization Formulas", <i>Proceedings - 2017 IEEE 41st Annual Computer Software and Applications Conference (COMPSAC)</i> , Torino, Italy, 04-08 July 2017, pp 78-83, (ISBN: 978-1-5386-0367-3,978-1-5386-0368-0).
	# <u>WONG Tak-Lam</u> , # <u>YU Yuen Tak</u> , # <u>POON Chung Keung</u> , # <u>XIE Haoran</u> , # <u>WANG Fu Lee</u> , # <u>TANG Chung Man</u> , "An Artificial Intelligence Approach to Identifying Skill Relationship", <i>Proceedings of the 25th International Conference on Computers in Education (ICCE 2017)</i> , Rydges Latimer hotel, Christchurch, New Zealand, 04-08 December 2017, pp 86-91, (ISBN: 9789869401265).
UMAIR Zuneera	# <u>MAQBOOL Bilal</u> , # <u>AZAM Farooque</u> , # <u>ANWAR Muhammad Waseem</u> , # <u>BUTT Wasi Haider</u> , # <u>ZEB Jahan</u> , # <u>ZAFAR Iqra</u> , # <u>NAZIR Aiman Khan</u> , # <u>UMAIR Zuneera</u> , "A Comprehensive Investigation of BPMN Models Generation from Textual Requirements—Techniques, Tools and Trends", <i>Information Science and Applications 2018 - ICISA 2018</i> , Hong Kong, China, 25-27 June 2018, pp 543-557, (ISBN: 9789811310553,9789811310560).
	# <u>QURESHI Umair Mujtaba</u> , # <u>UMAIR Zuneera</u> , # <u>HANCKE Gerhard Petrus</u> , "Problem of Wireless Fingerprint Duplication in Fingerprinting based Indoor Localization", <i>Proceedings - 2018 IEEE 27th International Symposium on Industrial Electronics (ISIE)</i> , Cairns Convention Centre, Cairns, Australia, 13-15 June 2018, pp 1270-1275, (ISBN: 9781538637043,9781538637050,9781538637067).

Section A: Publications of PhD Students

	#QURESHI Umair Mujtaba, #UMAIR Zuneera, #DUAN Yaoxin, HANCKE Gerhard Petrus, "Analysis of Bluetooth Low Energy (BLE) based Indoor Localization System with Multiple Transmission Power Levels", <i>Proceedings - 2018 IEEE 27th International Symposium on Industrial Electronics (ISIE)</i> , Cairns Convention Centre, Cairns, Australia, 13-15 June 2018, pp 1302-1307, (ISBN: 9781538637043,9781538637050,9781538637067).
WANG Dan	CHEN Zhi-Zhong, LIN Guohui, WANG Lusheng, CHEN Yong, #WANG Dan, "Approximation algorithms for the maximum weight internal spanning tree problem", <i>Computing and Combinatorics : 23rd International Conference, COCOON 2017 Hong Kong, China, August 3-5, 2017 Proceedings</i> , Hong Kong Polytechnic University, The Hong Kong Polytechnic University, Hong Kong, China, 03-05 August 2017, pp 124-136, (ISBN: 978-3-319-62389-4,9783319623887).
WANG Jiasen	#WANG Jiasen, WANG Jun, "Task assignment based on a dual neural network", <i>Advances in Neural Networks - ISNN 2018 - 15th International Symposium on Neural Networks, ISNN 2018, Proceedings</i> , Minsk, Belarus, 25-28 June 2018, pp 686-694, (ISBN: 978-3-319-92536-3 ,978-3-319-92537-0).
WANG Jinfan	REN Jing, LU Kejie, WESTPHAL Cedric, WANG Jin, #WANG Jinfan, SONG Tongyu, LIU Shucheng, WANG Jianping, "JORDAN: A Novel Traffic Engineering Algorithm for Dynamic Adaptive Streaming over HTTP", <i>2018 International Conference on Computing, Networking and Communications (ICNC)</i> , Maui, United States, 05-08 March 2018, pp 581-587, (ISBN: 978-1-5386-3652-7).
WANG Kai	CHAU Vincent, LI Minming, MCCAULEY Samuel, #WANG Kai, "Minimizing total weighted flow time with calibrations", <i>SPAA '17 : Proceedings of the 29th ACM Symposium on Parallelism in Algorithms and Architectures</i> , The George Washington University, Washington, United States, 24-26 July 2017, pp 67-76, (ISBN: 9781450345934). CĂLINESCU Gruiă, JAEHN Florian, LI Minming, #WANG Kai, "An FPTAS of minimizing total weighted completion time on single machine with position constraint", <i>28th International Symposium on Algorithms and Computation, ISAAC 2017</i> , Phuket, Thailand, 09-22 December 2017, (ISBN: 9783959770545).
WANG Peng	#NIU Zhixiong, XU Hong, #LIU Libin, #TIAN Yongqiang, #WANG Peng, LI Zhenhua, "Unveiling performance of NFV software dataplanes", <i>CAN '17 : Proceedings of the 2nd Workshop on Cloud-Assisted Networking</i> , Incheon, Korea, Republic of, 12-12 December 2017, pp 13-18, (ISBN: 9781450354233).
WANG Qingzhong	#WANG Qingzhong, CHAN Antoni Bert, "CNN+CNN: Convolutional Decoders for Image Captioning", <i>IEEE Computer Vision and Pattern Recognition: Language and Vision Workshop</i> .
WU Mengyuan	#WU Mengyuan, KWONG Tak Wu Sam, #JIA Yuheng, LI Ke, ZHANG Qingfu, "Adaptive weights generation for decomposition-based multi-objective optimization using Gaussian process regression", <i>GECCO 2017 - Proceedings of the 2017 Genetic and Evolutionary Computation Conference</i> , Berlin, Germany, 15-19 July 2017, pp 641-648, (ISBN: 9781450349208).
WU Wenhui	#JIA Yuheng, KWONG Tak Wu Sam, #WU Wenhui, GAO Wei, WANG Ran, "Generalized relevance vector machine", <i>2017 Intelligent Systems Conference (IntelliSys)</i> , London, United Kingdom, 07-08 September 2017, pp 638-645, (ISBN: 978-1-5090-6435-9).
XIAO Yan	#MI Qing, KEUNG Wai Jacky, HUANG Jianglin, #XIAO Yan, "Using Eye Tracking Technology to Analyze the Impact of Stylistic Inconsistency on Code Readability", <i>Proceedings - 2017 IEEE International Conference on Software Quality, Reliability and Security Companion, QRS-C 2017</i> , Prague, Czech Republic, 25-29 July 2017, pp 579-580, (ISBN: 978-1-5386-2072-4,978-1-5386-2073-1). #XIAO Yan, KEUNG Wai Jacky, #MI Qing, #BENNIN Kwabena Ebo, "Improving Bug Localization with an Enhanced Convolutional Neural Network", <i>Proceedings - 24th Asia-Pacific Software Engineering Conference (APSEC 2017)</i> , Nanjing, Jiangsu, China, 04-08 December 2017, pp 338-347, (ISBN: 978-1-5386-3681-7 ,978-1-5386-3682-4). #MI Qing, GAO Yujin, KEUNG Wai Jacky, #XIAO Yan, #MENSAH Solomon, "Identifying Textual Features of High-Quality Questions: An Empirical Study on Stack Overflow", <i>Proceedings - 24th Asia-Pacific Software Engineering Conference, APSEC 2017</i> , Nanjing, Jiangsu, China, 04-08 December 2017, pp 636-641, (ISBN: 978-1-5386-3681-7).

Section A: Publications of PhD Students

	<p>#XIAO Yan, KEUNG Wai Jacky, #MI Qing, #BENNIN Kwabena Ebo, "Bug Localization with Semantic and Structural Features using Convolutional Neural Network and Cascade Forest", <i>22nd Evaluation and Assessment in Software Engineering Conference (EASE 2018)</i>, University of Canterbury, Christchurch, New Zealand, 28-29 June 2018.</p> <p>#MI Qing, KEUNG Wai Jacky, #XIAO Yan, #MENSAH Solomon, #MEI Xiupei, "An Inception Architecture-Based Model for Improving Code Readability Classification", <i>22nd Evaluation and Assessment in Software Engineering Conference (EASE 2018)</i>, University of Canterbury, Christchurch, New Zealand, 28-29 June 2018.</p>
XU Ke	<p>YANG Xin, #XU Ke, SONG Yibing, ZHANG Qiang, WEI Xiaopeng, LAU Rynson W H, "Image Correction via Deep Reciprocating HDR Transformation", <i>2018 IEEE/CVF Conference on Computer Vision and Pattern Recognition, CVPR 2018 - Proceedings</i>, Calvin L. Rampton Salt Palace Convention Center, Salt Lake City, United States, 18-22 June 2018, pp 1798-1807, (ISBN: 9781538664209).</p>
XU Qian	<p>#XU Qian, WANG Jianping, WU Kui, "Resource Capacity Analysis in Network Slicing with Ensured End-to-End Performance Bound", <i>2018 IEEE International Conference on Communications (ICC) - Proceedings</i>, Kansas City, United States, 20-24 May 2018, (ISBN: 978-1-5386-3180-5).</p>
YANG Jialin	<p>#YANG Jialin, #POBEE Ernest Bota, CHAN Wing Kwong, "A Case Study on Context Maintenance in Dynamic Hybrid Race Detectors", <i>2017 IEEE 41st Annual Computer Software and Applications Conference (COMPSAC)</i>, Torino, Italy, 04-08 July 2017, pp 84-89, (ISBN: 9781538603673).</p>
YANG Tianyu	<p>#YANG Tianyu, CHAN Antoni Bert, "Recurrent Filter Learning for Visual Tracking", <i>Proceedings - 2017 IEEE International Conference on Computer Vision Workshops, ICCVW 2017</i>, Venice, Italy, 22-29 October 2017, pp 2010-2019, (ISBN: 978-1-5386-1034-3).</p>
YU Chenyun	<p>#SARWAR Raheem, #YU Chenyun, NUTANONG Sarana, URAILERTPRASERT Norawit, VANNABOOT Nattapol, RAKTHANMANON Thanawin, "A Scalable Framework for Stylometric Analysis of Multi-author Documents", <i>Database Systems for Advanced Applications - 23rd International Conference, DASFAA 2018, Proceedings</i>, Gold Coast, Australia, 21-24 May 2018, pp 813-829, (ISBN: 9783319914510,9783319914527).</p>
YU Pei Duo	<p>#YU Pei Duo, TAN Chee Wei, FU Hung-Lin, "Rumor Source Detection in Unicyclic Graphs", <i>2017 IEEE Information Theory Workshop (ITW)</i>, Kaohsiung Exhibition Center, Kaohsiung, Taiwan, 06-10 November 2017, pp 439-443, (ISBN: 9781509030972,9781509030989).</p> <p>TAN Chee Wei, #YU Pei Duo, LIN Ling, FUNG Chung-Kit, LAI Chun-Kiu, CHENG Yanru, "Teaching Computational Thinking by Gamification of K-12 Mathematics: Mobile App Math Games in Mathematics and Computer Science Tournament", <i>Conference Proceedings of Computational Thinking Education 2017</i>, Hong Kong Convention and Exhibition Centre (HKCEC), Hong Kong, 13-15 July 2017, pp 55-59, (ISBN: 978-988-77034-4-0).</p> <p>#YU Pei Duo, TAN Chee Wei, FU Hung-Lin, "Rumor Source Detection in Finite Graphs with Boundary Effects by Message-passing Algorithms", <i>Proceedings of the 2017 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining (ASONAM 2017)</i>, Sydney, Australia, Sydney, Australia, 31 July - 03 August 2017, pp 86-90, (ISBN: 978-1-4503-4993-2).</p> <p>#YU Pei Duo, TAN Chee Wei, FU Hung-Lin, "Graph Algorithms for Preventing Cascading Failures in Networks", <i>2018 52nd Annual Conference on Information Sciences and Systems (CISS)</i>, Princeton, United States, 21-23 March 2018, pp 1-6, (ISBN: 9781538605783,9781538605790,9781538605806).</p>
YU Xiao	<p>#YU Xiao, LIU Jin, YANG Zijiang, JIA Xiangyang, LING Qi, YE Sizhe, "Learning from Imbalanced Data for Predicting the Number of Software Defects", <i>Proceedings : 2017 IEEE 28th International Symposium on Software Reliability Engineering</i>, Toulouse, France, 23-26 October 2017, pp 78-89, (ISBN: 9781538609415,9781538609422).</p>
ZHAN Xueying	<p>#ZHAN Xueying, WANG Yaowei, RAO Yanghui, XIE Haoran, LI Qing, WANG Fu Lee Philips, WONG Tak-Lam, "A Network Framework for Noisy Label Aggregation in Social Media", <i>Proceedings of the 55th Annual Meeting of the Association for Computational Linguistics</i>, Vancouver, Canada, 30 July - 04 August 2017, pp 484-490, (ISBN: 9781945626760).</p>
ZHANG Hao	<p>#NGUYEN Phuong Anh, #LU Yijie, #ZHANG Hao, NGO Chong Wah, "Enhanced VIREO KIS at VBS 2018", <i>MultiMedia Modeling - 24th International Conference, MMM 2018</i>,</p>

Section A: Publications of PhD Students

	<i>Proceedings, Part II</i> , Dusit Thani Hotel, Bangkok, Thailand, 05-07 February 2018, pp 407-412, (ISBN: 9783319735993,9783319736006).
ZHANG Jiawei	# <u>SONG Yibing</u> , MA Chao, GONG Lijun, # <u>ZHANG Jiawei</u> , <u>LAU Rynson W H</u> , YANG Ming-Hsuan, "CREST: Convolutional Residual Learning for Visual Tracking", <i>IEEE International Conference on Computer Vision (ICCV) 2017 - Proceedings</i> , Venice, Italy, 22-29 October 2017, pp 2574-2583, (ISBN: 9781538610329,9781538610336).
	# <u>SONG Yibing</u> , # <u>ZHANG Jiawei</u> , BAO Linchao, YANG Qingxiong, "Fast Preprocessing for Robust Face Sketch Synthesis", <i>Proceedings of the Twenty-Sixth International Joint Conference on Artificial Intelligence (IJCAI-17)</i> , Melbourne, Australia, 19-25 August 2017, pp 4530-4536, (ISBN: 9780999241103).
	# <u>ZHANG Jiawei</u> , # <u>JIAO Jianbo</u> , # <u>CHEN Mingliang</u> , # <u>QU Liangqiong</u> , <u>XU Xiaobin</u> , YANG Qingxiong, "A hand pose tracking benchmark from stereo matching", <i>2017 IEEE International Conference on Image Processing, ICIP 2017 - Proceedings</i> , Beijing, Beijing, China, 17-20 September 2017, pp 982-986, (ISBN: 978-1-5090-2175-8).
	# <u>SONG Yibing</u> , # <u>ZHANG Jiawei</u> , HE Shengfeng, BAO Linchao, YANG Qingxiong, "Learning to Hallucinate Face Images via Component Generation and Enhancement", <i>Proceedings of the Twenty-Sixth International Joint Conference on Artificial Intelligence (IJCAI-17)</i> , Melbourne, Australia, 19-25 August 2017, pp 4537-4543, (ISBN: 9780999241103).
	# <u>ZHANG Jiawei</u> , PAN Jinshan, LAI Wei-Sheng, <u>LAU Rynson W H</u> , YANG Ming-Hsuan, "Learning Fully Convolutional Networks for Iterative Non-blind Deconvolution", <i>Proceedings - 30th IEEE Conference on Computer Vision and Pattern Recognition, CVPR 2017</i> , Honolulu, United States, 21-26 July 2017, pp 6969-6977, (ISBN: 978-1-5386-0457-1,9781538604588).
	# <u>ZHANG Jiawei</u> , PAN Jinshan, REN Jimmy, SONG Yibing, BAO Linchao, <u>LAU Rynson W H</u> , YANG Ming-Hsuan, "Dynamic Scene Deblurring Using Spatially Variant Recurrent Neural Networks", <i>2018 IEEE/CVF Conference on Computer Vision and Pattern Recognition, CVPR 2018 - Proceedings</i> , pp 2521-2529, (ISBN: 9781538664209).
ZHANG Xiaodan	HE Shengfeng, # <u>JIAO Jianbo</u> , # <u>ZHANG Xiaodan</u> , HAN Guoqiang, <u>LAU Rynson W H</u> , "Delving into Salient Object Subitizing and Detection", <i>Proceedings - 2017 IEEE International Conference on Computer Vision</i> , Venice, Italy, 22-29 October 2017, pp 1059-1067, (ISBN: 9781538610329,9781538610336).
	# <u>ZHANG Xiaodan</u> , HE Shengfeng, SONG Xinhang, WEI Pengxu, JIANG Shuqiang, YE Qixiang, JIAO Jianbin, <u>LAU Rynson W H</u> , "Keyword-driven image captioning via Context-dependent Bilateral LSTM", <i>Proceedings of the IEEE International Conference on Multimedia and Expo (ICME) 2017</i> , Hong Kong, 10-14 July 2017, pp 781-786, (ISBN: 9781509060672).
ZHAO Zicheng	# <u>AO Xiang</u> , # <u>ZHAO Zicheng</u> , <u>LI Shuaicheng</u> , "IsoRef improves the reference-based transcriptome assembly accuracy for RNA-seq data", <i>Proceedings - 10th International Conference on Bioinformatics and Computational Biology (BICOB 2018)</i> , Las Vegas, United States, 19-21 March 2018, pp 148-153, (ISBN: 978-1-5108-5866-4).
ZHENG Chutao	# <u>ZHENG Chutao</u> , # <u>QIAN Sheng</u> , # <u>CAO Wenming</u> , <u>WONG Hau San</u> , "Locality-Sensitive Term Weighting for Short Text Clustering", <i>Neural Information Processing - 24th International Conference, ICONIP 2017</i> , Guangzhou, China, 14-18 November 2017, pp 434-444, (ISBN: 9783319700861,9783319700878).
	# <u>LIU Cheng</u> , # <u>CAO Wenming</u> , # <u>ZHENG Chutao</u> , <u>WONG Hau San</u> , "Learning with Partially Shared Features for Multi-Task Learning", <i>Neural Information Processing - ICONIP 2017</i> , Guangzhou, China, 14-18 November 2017, pp 95-104, (ISBN: 978-3-319-70138-7,978-3-319-70139-4).
ZHENG Yifeng	# <u>ZHENG Yifeng</u> , <u>WANG Cong</u> , ZHOU Jiantao, "Toward Secure Image Denoising: A Machine Learning Based Realization", <i>2018 IEEE International Conference on Acoustics, Speech and Signal Processing (IEEE ICASSP 2018)</i> , Calgary, Canada, 15-20 April 2018.
ZHU Linwei	# <u>ZHU Linwei</u> , <u>KWONG Tak Wu Sam</u> , ZHANG Yun, WANG Xu, <u>WANG Shiqi</u> , "Multi-Class Ranking Based Most Probable Prediction Unit Selection for HEVC Encoding", <i>2017 IEEE Visual Communications and Image Processing (VCIP)</i> , St. Petersburg, United States, 10-13 December 2017, (ISBN: 9781538604625,9781538604632).
All other outputs	

Section A: Publications of PhD Students

BENNIN Kwabena Ebo	<u>KEUNG Wai Jacky</u> , #MENSAH Solomon, #BENNIN Kwabena Ebo, Best Paper Award (QRS 2017), "Investigating the Significance of Bellwether Effect to Improve Software Effort Estimation" 2017 IEEE International Conference on Software Quality, Reliability and Security (QRS-2017), Prague, Czech Republic, July 25-29, 2017
CHEN Jingjing	#CHEN Jingjing, <i>Cross-modal Cooking Recipe Retrieval</i> , PhD Thesis, Department of Computer Science, City University of Hong Kong, Hong Kong, PRC, 29 June 2018.
CHEN Liang	#CHEN Liang, <i>Super-resolution for Very Low Quality Facial Images via Consistent Neighbor Relationship</i> , PhD Thesis, Department of Computer Science, City University of Hong Kong, Hong Kong, PRC, 16 March 2018.
CHEN Mingliang	#CHEN Mingliang, <i>Interactive Object Extraction with Object Proposals and Background Subtraction</i> , PhD Thesis, Department of Computer Science, City University of Hong Kong, Hong Kong, PRC, 18 January 2018.
CHENG Min	#CHENG Min, <i>Border Gateway Protocol Anomaly Detection and Time Series Classification</i> , PhD Thesis, Department of Computer Science, City University of Hong Kong, Hong Kong, PRC, 19 June 2018.
DINCA Mihaela Lavinia	#DINCA Mihaela Lavinia, <i>Practical Limitations of User-centric Key Management</i> , PhD Thesis, Department of Computer Science, City University of Hong Kong, Hong Kong, PRC, 27 July 2017.
DU Yajuan	#DU Yajuan, <i>On Flash Read Performance Optimization</i> , PhD Thesis, Department of Computer Science, City University of Hong Kong, Hong Kong, PRC, 22 December 2017.
FONG Chi Kit Ken	#FONG Chi Kit Ken, <i>Truthful Mechanism Design for Facility Location Games Based on the Variance of the Agents Preferences</i> , PhD Thesis, Department of Computer Science, City University of Hong Kong, Hong Kong, PRC, 15 September 2017.
HUANG Shao	#HUANG Shao, <i>The Detection of Saliency, Objectness and Actionness in Media Data</i> , PhD Thesis, Department of Computer Science, City University of Hong Kong, Hong Kong, PRC, 06 February 2018.
HUSSAIN Shahid	#HUSSAIN Shahid, <i>Software Design Patterns Classification and Selection Using Text Categorization Approach</i> , PhD Thesis, Department of Computer Science, City University of Hong Kong, Hong Kong, PRC, 13 September 2017.
JI Cheng	#JI Cheng, <i>On Mobile Flash Storage Optimization</i> , PhD Thesis, Department of Computer Science, City University of Hong Kong, Hong Kong, PRC, 24 November 2017.
JIANG Jinghua	<u>WANG Cong</u> , #ZHENG Yifeng, #JIANG Jinghua, REN Kui, (Book / Software Review) "Toward Privacy-Preserving Personalized Recommendation Services", <i>Engineering</i> , 4(1), 16 February 2018, pp 21-28, doi: https://doi.org/10.1016/j.eng.2018.02.005 .
JIANG Yonghang	#JIANG Yonghang, <i>Research on Pedestrian Sensing Technology: Design and Applications</i> , PhD Thesis, Department of Computer Science, City University of Hong Kong, Hong Kong, PRC, 05 January 2018.
KHAN Arif Ali	<u>KEUNG Wai Jacky</u> , #KHAN Arif Ali, Premium Award for Best Journal Paper (IET Software), The Institute of Engineering and Technology (IET), 15 June 2018. #KHAN Arif Ali, <i>Software Process Improvement Implementation and Management Model (SPIIMM) for Global Software Development</i> , PhD Thesis, Department of Computer Science, City University of Hong Kong, Hong Kong, PRC, 13 September 2017.
LI Chen	#LI Chen, <i>Virtual Reality Learning in Special Education and Massive Online Learning Settings</i> , PhD Thesis, Department of Computer Science, City University of Hong Kong, Hong Kong, PRC, 06 February 2018.
LI Meng	#LI Meng, <i>Graph-Based Modeling and Sparse Feature Fusion for Human Activity Analysis</i> , PhD Thesis, Department of Computer Science, City University of Hong Kong, Hong Kong, PRC, 11 August 2017.
LI Wenjuan	MENG Weizhi, #LI Wenjuan, KWOK Lam For, HKIE Outstanding Paper Award for Young Engineers/Researchers, Towards Effective and Robust List-based Packet Filter for Signature-based Network Intrusion Detection: An Engineering Approach, Hong Kong Institution of Engineers (HKIE), September 2017.
LI Zhenhua	#LI Zhenhua, <i>Studies on the Evolution Strategies for Continuous Black-Box Optimization</i> , PhD Thesis, Department of Computer Science, City University of Hong Kong, Hong Kong, PRC, 31 January 2018.

Section A: Publications of PhD Students

LIU Bingyi	# <u>LIU Bingyi</u> , <i>Research on Reliable and Efficient Message Dissemination in Cooperative Driving Systems</i> , PhD Thesis, Department of Computer Science, City University of Hong Kong, Hong Kong, PRC, 11 January 2018.
LIU Cheng	# <u>LIU Cheng</u> , <i>Structured Sparse Learning and Its Applications</i> , PhD Thesis, Department of Computer Science, City University of Hong Kong, Hong Kong, PRC, 22 March 2018.
LIU Shengxin	# <u>LIU Shengxin</u> , <i>Generalized Packing Integer Programs with Rigid and Elastic Capacity and Their Applications</i> , PhD Thesis, Department of Computer Science, City University of Hong Kong, Hong Kong, PRC, 25 October 2017.
LU Yijie	# <u>LU Yijie</u> , <i>Zero-Example Multimedia Search Using Large-Scale Knowledge Bank</i> , PhD Thesis, Department of Computer Science, City University of Hong Kong, Hong Kong, PRC, 16 May 2018.
MENSAH Solomon	<u>KEUNG Wai Jacky</u> , # <u>MENSAH Solomon</u> , # <u>BENNIN Kwabena Ebo</u> , Best Paper Award (QRS 2017), "Investigating the Significance of Bellwether Effect to Improve Software Effort Estimation" 2017 IEEE International Conference on Software Quality, Reliability and Security (QRS-2017), Prague, Czech Republic, July 25-29, 2017
QU Liangqiong	# <u>QU Liangqiong</u> , <i>Image Illumination Modeling and Processing</i> , PhD Thesis, Department of Computer Science, City University of Hong Kong, Hong Kong, PRC, 06 February 2018.
QURESHI Umair Mujtaba	# <u>QURESHI Umair Mujtaba</u> , Problem of Wireless Fingerprint Duplication in Fingerprinting Based Indoor Localisation , 27th International Symposium on Industrial Electronics (ISIE), IEEE Industrial Electronics Society (IEEE IES), Australia, 12 June 2018.
SHI Jialong	# <u>SHI Jialong</u> , <i>Parallel Metaheuristic for Combinatorial Optimization Problems</i> , PhD Thesis, Department of Computer Science, City University of Hong Kong, Hong Kong, PRC, 18 January 2018.
SHI Zhenkui	# <u>SHI Zhenkui</u> , <i>Privacy-preserving Recommendation Systems based on Homomorphic Encryption</i> , PhD Thesis, Department of Computer Science, City University of Hong Kong, Hong Kong, PRC, 14 February 2018.
SONG Yibing	# <u>SONG Yibing</u> , <i>Data Driven Face Image Editing</i> , PhD Thesis, Department of Computer Science, Department of Computer Science, City University of Hong Kong, Hong Kong, PRC, 19 March 2018.
WANG Jinfan	# <u>WANG Jinfan</u> , <i>The Design of the Future Internet Architecture</i> , PhD Thesis, Department of Computer Science, City University of Hong Kong, Hong Kong, PRC, 23 January 2018.
WU Mengyuan	# <u>WU Mengyuan</u> , <i>Game-Theoretic Approach and Learning-to-Decompose Paradigm for Decomposition-Based Evolutionary Multi-Objective Optimization</i> , PhD Thesis, Department of Computer Science, City University of Hong Kong, Hong Kong, PRC, 12 April 2018.
YU Chenyun	# <u>YU Chenyun</u> , <i>Approximate Similarity Search in High-dimensional Spaces</i> , PhD Thesis, Department of Computer Science, City University of Hong Kong, Hong Kong, PRC, 11 January 2018.
ZHANG Che	# <u>ZHANG Che</u> , <i>Reducing Impact of Failures in Data Centers and WANs</i> , PhD Thesis, Department of Computer Science, City University of Hong Kong, Hong Kong, PRC, 09 February 2018.
ZHANG Hao	# <u>ZHANG Hao</u> , <i>Deep Fine-grained Video Representation for Large-Scale Multimedia Event Retrieval and Recounting</i> , PhD Thesis, Department of Computer Science, City University of Hong Kong, Hong Kong, PRC, 22 December 2017.
ZHANG Jiawei	# <u>ZHANG Jiawei</u> , <i>Image Deblurring and Matting via Deep Learning</i> , PhD Thesis, Department of Computer Science, City University of Hong Kong, Hong Kong, PRC, 08 March 2018.
ZHANG Xiaodan	# <u>ZHANG Xiaodan</u> , <i>Local Semantic Learning for Image Captioning</i> , PhD Thesis, Department of Computer Science, City University of Hong Kong, Hong Kong, PRC, 28 June 2018.
ZHENG Chutao	# <u>ZHENG Chutao</u> , <i>Enhanced Representation for Short Text Clustering from Multiple Perspectives</i> , PhD Thesis, Department of Computer Science, City University of Hong Kong, Hong Kong, PRC, 14 February 2018.
ZHENG Yifeng	<u>WANG Cong</u> , # <u>ZHENG Yifeng</u> , # <u>JIANG Jinghua</u> , REN Kui, (Book / Software Review) "Toward Privacy-Preserving Personalized Recommendation Services", <i>Engineering</i> , 4(1), 16 February 2018, pp 21-28, doi: https://doi.org/10.1016/j.eng.2018.02.005 .
DEPARTMENT OF ELECTRONIC ENGINEERING	
Scholarly books, monographs and chapters	

Section A: Publications of PhD Students

BI Xiaowen	# BI Xiaowen , TANG Kit Sang Wallace , "A Hybrid Multi-objective Evolutionary Approach for Power Grid Topology Design", <i>Evolutionary Algorithms, Swarm Dynamics and Complex Networks</i> , Chen Guanrong and Zelinka Ivan (eds), Springer-Verlag Berlin Heidelberg, ISBN: 9783662556610,9783662556634, 2018, pp 265-284.
Journal publications	
AHMAD Fawad	# AHMAD Fawad , CHENG Lee Ming , "Authenticity and copyright verification of printed images", <i>Signal Processing</i> , 148, 27 February 2018, pp 322-335, doi: https://doi.org/10.1016/j.sigpro.2018.02.029 .
ALI Abid	# ALI Abid , LEE En-yuan Joshua , "Piezoelectric-on-silicon square wine-glass mode resonator for enhanced electrical characterization in water", <i>IEEE Transactions on Electron Devices</i> , 65(5), 09 March 2018, pp 1925-1931, doi: https://doi.org/10.1109/TED.2018.2810700 .
BI Xiaowen	# BI Xiaowen , # HAN Zeyu , TANG Kit Sang Wallace , "Evolutionary multi-objective optimization for multi-depot vehicle routing in logistics", <i>International Journal of Computational Intelligence Systems</i> , 10, 2017, pp 1337-1344, doi: https://doi.org/10.2991/ijcis.10.1.94 .
BISHARAT Diaaaldin J M	# BISHARAT Diaaaldin J M , SIEVENPIPER Daniel F. , "Manipulating line waves in flat graphene for agile terahertz applications", <i>Nanophotonics</i> , 7(5), May 2018, pp 893–903, doi: https://doi.org/10.1515/nanoph-2017-0133 .
	# BISHARAT Diaaaldin J M , SIEVENPIPER Daniel F. , "Guiding Waves Along an Infinitesimal Line between Impedance Surfaces", <i>Physical Review Letters</i> , 119(10), 08 September 2017, doi: https://doi.org/10.1103/PhysRevLett.119.106802 .
CAI Anliang	LIN Rongping , LUO Shan , ZHOU Jingwei , WANG Sheng , # CAI Anliang , ZHONG Wen-De , ZUKERMAN Moshe , "Virtual Network Embedding with Adaptive Modulation in Flexi-grid Networks", <i>Journal of Lightwave Technology</i> , 36(17), 23 October 2017, pp 3551-3563, doi: https://doi.org/10.1109/JLT.2017.2764940 .
	LIN Rongping , LUO Shan , ZHOU Jingwei , WANG Sheng , CHEN Bin , ZHANG Xiaoning , # CAI Anliang , ZHONG Wen-De , ZUKERMAN Moshe , "Column Generation Algorithms for Virtual Network Embedding in Flexi-grid Optical Networks", <i>Optics Express</i> , 26(8), 13 April 2018, pp 10898-10913, doi: https://doi.org/10.1364/OE.26.010898 .
	# CAI Anliang , FAN Zheyu , # XU Kai , ZUKERMAN Moshe , CHUN-KIT Chan , "Elastic Versus WDM Networks With Dedicated Multicast Protection", <i>Journal of Optical Communications and Networking</i> , 9(11), 04 October 2017, pp 921-933, doi: https://doi.org/10.1364/JOCN.9.000921 .
CHANG Zeshan	# CHANG Zeshan , CHIANG Kin Seng , "Ultra-broadband mode filters based on graphene-embedded waveguides", <i>Optics Letters</i> , 42(19), 25 September 2017, pp 3868-3871, doi: https://doi.org/10.1364/OL.42.003868 .
	# CHANG Zeshan , JIN Wei , CHIANG Kin Seng , "Graphene electrodes for lithium-niobate electro-optic devices", <i>Optics Letters</i> , 43(8), 06 April 2018, pp 1718-1721, doi: https://doi.org/10.1364/OL.43.001718 .
CHEN Jianqi	# CHEN Jianqi , WEI Jieqiang , CHEN Wei , SANDBERG Henrik , JOHANSSON Karl H. , CHEN Jie , "Protecting Positive and Second-Order Systems against Undetectable Attacks", <i>IFAC-PapersOnLine</i> , 50(1), July 2017, pp 8373-8378, doi: https://doi.org/10.1016/j.ifacol.2017.08.1561 .
CHEN Zhe	# CHEN Zhe , WONG Hang , "Liquid Dielectric Resonator Antenna with Circular Polarization Reconfigurability", <i>IEEE Transactions on Antennas and Propagation</i> , 66(1), 11 October 2017, pp 444-449, doi: https://doi.org/10.1109/TAP.2017.2762005 .
CHENG Jieyu	# YU Yanyan , XIAO Yang , # CHENG Jieyu , CHIU Bernard Chi Yuen , "Breast lesion classification based on supersonic shear-wave elastography and automated lesion segmentation from B-mode ultrasound images", <i>Computers in Biology and Medicine</i> , 93, 15 December 2017, pp 31-46, doi: https://doi.org/10.1016/j.combiomed.2017.12.006 .
	# CHENG Jieyu , UKWATTA Eranga , SHAVAKH Shadi , CHOW Wai Shing Tommy , PARRAGA Grace , SPENCE David J. , CHIU Bernard Chi Yuen , "Sensitive three-dimensional ultrasound assessment of carotid atherosclerosis by weighted average of local vessel wall and plaque thickness change", <i>Medical Physics</i> , 44(10), 31 August 2017, pp 5280–5292, doi: https://doi.org/10.1002/mp.12507 .

Section A: Publications of PhD Students

	<p>#CHENG Jieyu, CHEN Yimin, #YU Yanyan, CHIU Bernard Chi Yuen, "Carotid plaque segmentation from three-dimensional ultrasound images by direct three-dimensional sparse field level-set optimization", <i>Computers in Biology and Medicine</i>, 94, 11 January 2018, pp 27-40, doi: https://doi.org/10.1016/j.compbimed.2018.01.002.</p> <p>#FAN Jicong, #CHENG Jieyu, "Matrix completion by deep matrix factorization", <i>Neural Networks</i>, 98, 03 November 2017, pp 34-41, doi: https://doi.org/10.1016/j.neunet.2017.10.007.</p>
CHENG Wenlong	# CHENG Wenlong , ZHAO Mingbo , XIONG Naixue , # CHUI Kwok Tai , "Non-convex sparse and low-rank based robust subspace segmentation for data mining", <i>Sensors</i> , 17(7), 15 July 2017, doi: https://doi.org/10.3390/s17071633 .
CHEUNG Sui Pung	# CHEUNG Sui Pung , # YEUNG Shun Cheung , CHUNG Shu Hung Henry , LO Alan Wai-Lun , WU Weimin , "A transformer-less unified power quality conditioner with fast dynamic control", <i>IEEE Transactions on Power Electronics</i> , 33(5), May 2018, pp 3926-3937, doi: https://doi.org/10.1109/TPEL.2017.2715059 .
CHOW Po Wa	# CHOW Po Wa , CHUNG Shu Hung Henry , # CHENG Chun Sing , WANG Wenguan , "Use of Transmitter-Side Electrical Information to Estimate System Parameters of Wireless Inductive Links", <i>IEEE Transactions on Power Electronics</i> , 32(9), September 2017, pp 7169-7186, doi: https://doi.org/10.1109/TPEL.2016.2623681 .
CHUI Kwok Tai	# CHENG Wenlong , ZHAO Mingbo , XIONG Naixue , # CHUI Kwok Tai , "Non-convex sparse and low-rank based robust subspace segmentation for data mining", <i>Sensors</i> , 17(7), 15 July 2017, doi: https://doi.org/10.3390/s17071633 .
DAI Wangchen	# DAI Wangchen , CHEN Donglong , CHEUNG Chak Chung Ray , KOÇ Çetin Kaya , "FFT-Based McLaughlin's Montgomery Exponentiation without Conditional Selections", <i>IEEE Transactions on Computers</i> , 67(9), 05 March 2018, pp 1301-1314, doi: https://doi.org/10.1109/TC.2018.2811466 .
DING Chen	# DING Chen , LUK Kwai Man , "Compact differential-fed dipole antenna with wide bandwidth, stable gain and low cross-polarization", <i>Electronics Letters</i> , 53(15), 12 July 2017, pp 1019-1021, doi: https://doi.org/10.1049/el.2017.1972 .
DONG Jiaxin	# DONG Jiaxin , ZHUANG Junping , CHAN Sze Chun , "Tunable switching between stable and periodic states in a semiconductor laser with feedback", <i>Optics Letters</i> , 42(21), 18 October 2017, pp 4291-4294, doi: https://doi.org/10.1364/OL.42.004291 .
FAN Jicong	# FAN Jicong , CHOW Wai Shing Tommy , ZHAO Mingbo , HO Kin Lim John , "Nonlinear Dimensionality Reduction for Data with Disconnected Neighborhood Graph", <i>Neural Processing Letters</i> , 47(2), 03 August 2017, pp 697-716, doi: https://doi.org/10.1007/s11063-017-9676-5 .
	# FAN Jicong , TIAN Zhaoyang , ZHAO Mingbo , CHOW Wai Shing Tommy , "Accelerated low-rank representation for subspace clustering and semi-supervised classification on large-scale data", <i>Neural Networks</i> , 100, 02 February 2018, pp 39-48, doi: https://doi.org/10.1016/j.neunet.2018.01.014 .
	# FAN Jicong , CHOW Wai Shing Tommy , "Non-linear matrix completion", <i>Pattern Recognition</i> , 77, 12 October 2017, pp 378-394, doi: https://doi.org/10.1016/j.patcog.2017.10.014 .
	# FAN Jicong , # CHENG Jieyu , "Matrix completion by deep matrix factorization", <i>Neural Networks</i> , 98, 03 November 2017, pp 34-41, doi: https://doi.org/10.1016/j.neunet.2017.10.007 .
FAN Wing To	# FAN Wing To , # YEUNG Shun Cheung , CHUNG Shu Hung Henry , "Optimized Hybrid PWM Scheme for Mitigating Zero-Crossing Distortion in Totem-Pole Bridgeless PFC", <i>IEEE Transactions on Power Electronics</i> , 28 March 2018, doi: https://doi.org/10.1109/TPEL.2018.2819422 .
	# FAN Wing To , CHUNG Shu Hung Henry , "Bifurcation Phenomena and Stabilization With Compensation Ramp in Converter With Power Semiconductor Filter", <i>IEEE Transactions on Power Electronics</i> , 32(12), December 2017, pp 9424-9434, doi: https://doi.org/10.1109/TPEL.2017.2658189 .

Section A: Publications of PhD Students

FAN Zhongyan	#FAN Zhongyan, #HAN Zeyu, TANG Kit Sang Wallace, LIN Dong, "Relay-based information broadcast in complex networks", <i>Physica A: Statistical Mechanics and its Applications</i> , 495, 18 December 2017, pp 67-80, doi: https://doi.org/10.1016/j.physa.2017.12.039 .
	#LI Doujie, #FAN Zhongyan, TANG Kit Sang Wallace, "Domain learning naming game for color categorization", <i>PLoS ONE</i> , 12(11), 14 November 2017, doi: https://doi.org/10.1371/journal.pone.0188164 .
	#FAN Zhongyan, TANG Kit Sang Wallace, "Interplay of ICP and IXP over the Internet with power-law features", <i>International Journal of Modern Physics C</i> , 29(1), 18 January 2018, doi: https://doi.org/10.1142/S0129183118500018 .
FU Yaru	#FU Yaru, HONG Yang, CHEN Lian-Kuan, SUNG Chi Wan, "Enhanced Power Allocation for Sum Rate Maximization in OFDM-NOMA VLC Systems", <i>IEEE Photonics Technology Letters</i> , 30(13), 21 May 2018, pp 1218-1221, doi: https://doi.org/10.1109/LPT.2018.2839094 .
	#FU Yaru, CHEN Yi, SUNG Chi Wan, "Distributed Power Control for the Downlink of Multi-cell NOMA Systems", <i>IEEE Transactions on Wireless Communications</i> , 16(9), September 2017, pp 6207-6220, doi: https://doi.org/10.1109/TWC.2017.2720743 .
GONG Xueqing	#GONG Xueqing, HU Ping, SHUM Kenneth W., SUNG Chi Wan, "A Zigzag-Decodable Ramp Secret Sharing Scheme", <i>IEEE Transactions on Information Forensics and Security</i> , 13(8), 16 February 2018, pp 1906-1916, doi: https://doi.org/10.1109/TIFS.2018.2806922 .
	#GONG Xueqing, SUNG Chi Wan, "Zigzag Decodable codes: Linear-time erasure codes with applications to data storage", <i>Journal of Computer and System Sciences</i> , 89, November 2017, pp 190-208, doi: https://doi.org/10.1016/j.jcss.2017.05.005 .
GUO Qingyi	#GUO Qingyi, ZHANG Xiuyin, GAO Li, "Novel Compact Planar Crossover With Bandpass Response Based on Cross-Shaped Resonator", <i>IEEE TRANSACTIONS ON COMPONENTS PACKAGING AND MANUFACTURING TECHNOLOGY</i> , 7(12), 01 September 2017, pp 2018-2026, doi: https://doi.org/10.1109/TCPMT.2017.2739241 .
HAN Zeyu	#FAN Zhongyan, #HAN Zeyu, TANG Kit Sang Wallace, LIN Dong, "Relay-based information broadcast in complex networks", <i>Physica A: Statistical Mechanics and its Applications</i> , 495, 18 December 2017, pp 67-80, doi: https://doi.org/10.1016/j.physa.2017.12.039 .
	#BI Xiaowen, #HAN Zeyu, TANG Kit Sang Wallace, "Evolutionary multi-objective optimization for multi-depot vehicle routing in logistics", <i>International Journal of Computational Intelligence Systems</i> , 10, 2017, pp 1337-1344, doi: https://doi.org/10.2991/ijcis.10.1.94 .
HAO Ting	#HAO Ting, CHIANG Kin Seng, "Graphene-Based Ammonia-Gas Sensor Using In-Fiber Mach-Zehnder Interferometer", <i>IEEE Photonics Technology Letters</i> , 29(23), 11 October 2017, pp 2035-2038, doi: https://doi.org/10.1109/LPT.2017.2761981 .
	TYAGI Deependra, MISHRA Satyendra Kumar, ZOU Bing, LIN Congcong, #HAO Ting, ZHANG Ge, LU Aiping, CHIANG Kin Seng, YANG Zhijun, "Nano-functionalized long-period fiber grating probe for disease-specific protein detection", <i>Journal of Materials Chemistry B</i> , 6(3), 18 December 2017, pp 386-392, doi: https://doi.org/10.1039/c7tb02406a .
HE Yaqing	DIAO Yinliang, #SUN Weinong, #HE Yaqing, LEUNG Sai Wing Peter, SIU Yun Ming Timothy, "Equivalent magnetic vector potential model for low-frequency magnetic exposure assessment", <i>Physics in Medicine and Biology</i> , 62(19), 20 September 2017, pp 7905-7922, doi: https://doi.org/10.1088/1361-6560/aa8490 .
HOU Zhangju	#HOU Zhangju, YANG Yang, CHIU Leung, ZHU Xi, DUTKIEWICZ Eryk, VARDAXOGLU John C., XUE Quan, "A W-Band Balanced Power Amplifier Using Broadside Coupled Strip-Line Coupler in SiGe BiCMOS 0.13- μ m Technology", <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 65(7), 21 December 2017, pp 2139-2150, doi: https://doi.org/10.1109/TCSI.2017.2779174 .
	YANG Yang, LIU Hang, #HOU Zhangju, ZHU Xi, DUTKIEWICZ Eryk, XUE Quan, "Compact On-Chip Bandpass Filter with Improved In-Band Flatness and Stopband Attenuation in 0.13- μ m (Bi)-CMOS Technology", <i>IEEE Electron Device Letters</i> , 38(10), 14 August 2017, pp 1359-1362, doi: https://doi.org/10.1109/LED.2017.2739186 .
	#HOU Zhangju, YANG Yang, CHIU Leung, ZHU Xi, XUE Quan, "Wideband Millimeter-Wave On-Chip Quadrature Coupler with Improved In-Band Flatness in 0.13- μ m SiGe Technology", <i>IEEE Electron Device Letters</i> , 39(5), 24 April 2018, pp 652-655, doi: https://doi.org/10.1109/LED.2018.2814997 .

Section A: Publications of PhD Students

	XUE Cheng-Dai, ZHANG Xiuyin, CAO Yun Fei, # HOU Zhangju , DING Chao Feng, "MIMO Antenna Using Hybrid Electric and Magnetic Coupling for Isolation Enhancement", <i>IEEE Transactions on Antennas and Propagation</i> , 65(10), 11 August 2017, pp 5162-5170, doi: https://doi.org/10.1109/TAP.2017.2738033 .
HU Yang	XU Chongbin, # HU Yang , LIANG Chulong , MA Junjie, LI Ping , "Massive MIMO, Non-Orthogonal Multiple Access and Interleave Division Multiple Access", <i>IEEE Access</i> , 5, 11 July 2017, pp 14728-14748, doi: https://doi.org/10.1109/ACCESS.2017.2725919 .
	# HU Yang , LIANG Chulong , HU Jianhao, LI Ping , "Low-cost Implementation Techniques for Interleave Division Multiple Access", <i>IEEE Wireless Communications Letters</i> , 27 June 2018, doi: https://doi.org/10.1109/LWC.2018.2850881 .
	# HU Yang , XU Chongbin, LI Ping , "Semi-Random Access in Small Cells With User Priority", <i>IEEE Communications Letters</i> , 22(5), 09 March 2018, pp 966-969, doi: https://doi.org/10.1109/LCOMM.2018.2814044 .
HUANG Quandong	# HUANG Quandong , JIN Wei , CHIANG Kin Seng , "Broadband mode switch based on a three-dimensional waveguide Mach-Zehnder interferometer", <i>Optics Letters</i> , 42(23), 22 November 2017, pp 4877-4880, doi: https://doi.org/10.1364/OL.42.004877 .
	# HUANG Quandong , # WU Yunfei , JIN Wei , CHIANG Kin Seng , "Mode Multiplexer with Cascaded Vertical Asymmetric Waveguide Directional Couplers", <i>Journal of Lightwave Technology</i> , 36(14), 23 April 2018, pp 2903-2911, doi: https://doi.org/10.1109/JLT.2018.2829143 .
HUI Jianan	# HUI Jianan , PANG Stella W. , "Dynamic Tracking of Osteoblastic Cell Traction Force during Guided Migration", <i>Cellular and Molecular Bioengineering</i> , 11(1), 05 December 2017, pp 11-23, doi: https://doi.org/10.1007/s12195-017-0514-7 .
JIN Junye	XUE Quan , # JIN Junye , "Bandpass Filters Designed by Transmission Zero Resonator Pairs with Proximity Coupling", <i>IEEE Transactions on Microwave Theory and Techniques</i> , 65(11), November 2017, pp 4103-4110, doi: https://doi.org/10.1109/TMTT.2017.2697878 .
	# JIN Junye , LIAO Shaowei , XUE Quan , "Design of Filtering-Radiating Patch Antennas with Tunable Radiation Nulls for High Selectivity", <i>IEEE Transactions on Antennas and Propagation</i> , 66(4), 09 February 2018, pp 2125-2130, doi: https://doi.org/10.1109/TAP.2018.2804661 .
	# JIN Junye , WU Liang , XUE Quan , "A V-Band CMOS VCO With Digitally-Controlled Inductor for Frequency Tuning", <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 65(8), 23 January 2018, pp 979-983, doi: https://doi.org/10.1109/TCSII.2018.2795577 .
KHAN Sheheryar	XU Guoxia , # KHAN Sheheryar , ZHU Hu , HAN Lixin, NG Michael, YAN Hong , "Discriminative tracking via supervised tensor learning", <i>Neurocomputing</i> , 315, 15 June 2018, pp 33-47, doi: https://doi.org/10.1016/j.neucom.2018.05.108 .
	# KHAN Sheheryar , CHEN Lijiang , YAN Hong , "Co-clustering to reveal salient facial features for expression recognition", <i>IEEE Transactions on Affective Computing</i> , 11 December 2017, doi: https://doi.org/10.1109/TAFFC.2017.2780838 .
	# KHAN Sheheryar , XU Guoxia , CHAN Raymond , YAN Hong , "An online spatio-temporal tensor learning model for visual tracking and its applications to facial expression recognition", <i>Expert Systems with Applications</i> , 90, 23 August 2017, pp 427-438, doi: https://doi.org/10.1016/j.eswa.2017.08.039 .
LAI Chun Tak	HE Yuanbin, CHUNG Shu Hung Henry , ZHANG Xin, # LAI Chun Tak , WU Weimin , "Active Cancellation of Equivalent Grid Impedance for Improving Stability and Injected Power Quality of Grid-Connected Inverter Under Variable Grid Condition", <i>IEEE Transactions on Power Electronics</i> , 33(11), 15 January 2018, pp 9387-9398, doi: https://doi.org/10.1109/TPEL.2018.2793459 .
LEUNG Ho Chun	# LEUNG Ho Chun , LEUNG Chi Sing Andrew , WONG Wing Ming Eric , LI Shuo , "Extreme learning machine for estimating blocking probability of bufferless OBS/OPS networks", <i>Journal of Optical Communications and Networking</i> , 9(8), 27 July 2017, pp 682-692, doi: https://doi.org/10.1364/JOCN.9.000682 .
LI Binghui	# RONY Kazi Tanvir Ahmmed , CHAN Hau Ping Andy , # LI Binghui , "Broadband high-order mode pass filter based on mode conversion", <i>Optics Letters</i> , 42(18), 15 September 2017, pp 3686-3689, doi: https://doi.org/10.1364/OL.42.003686 .

Section A: Publications of PhD Students

LI Songsui	# LI Songsui , PUSINO Vincenzo , CHAN Sze Chun , SOREL Marc , "Experimental investigation on feedback insensitivity in semiconductor ring lasers", <i>Optics Letters</i> , 43(9), 18 April 2018, pp 1974-1977, doi: https://doi.org/10.1364/OL.43.001974 .
	LI Xiaozhou , # LI Songsui , CHAN Sze Chun , "Correlated Random Bit Generation Using Chaotic Semiconductor Lasers under Unidirectional Optical Injection", <i>IEEE Photonics Journal</i> , 9(5), 04 September 2017, doi: https://doi.org/10.1109/JPHOT.2017.2748978 .
LIANG Shansuo	# LIANG Shansuo , MA Junjie , LI Ping , "Clipping can improve the performance of spatially coupled sparse superposition codes", <i>IEEE Communications Letters</i> , 21(12), 19 September 2017, pp 2578-2581, doi: https://doi.org/10.1109/LCOMM.2017.2754262 .
LIN Mingquan	CHEN Weifu , # LIN Mingquan , GIBSON Eli , BASTIAN-JORDAN Matthew , COOL Derek W. , KASSAM Zahra , LIANG Huageng , FENG Guocan , WARD Aaron , CHIU Bernard Chi Yuen , "A self-tuned graph-based framework for localization and grading prostate cancer lesions: An initial evaluation based on multiparametric magnetic resonance imaging", <i>Computers in Biology and Medicine</i> , 96, 03 April 2018, pp 252-265, doi: https://doi.org/10.1016/j.compbiomed.2018.03.017 .
LIU Mengyang	# REHMAN Yasar Abbas Ur , PO Lai Man , # LIU Mengyang , "LiveNet: Improving features generalization for face liveness detection using convolution neural networks", <i>Expert Systems with Applications</i> , 108, 08 May 2018, pp 159-169, doi: https://doi.org/10.1016/j.eswa.2018.05.004 .
LIU Yao	# LIU Yao , LI Xiaozhou , CHEUNG Chak Chung Ray , CHAN Sze Chun , WONG Hei , "High-Speed Discrete Gaussian Sampler With Heterodyne Chaotic Laser Inputs", <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 65(6), 05 September 2017, pp 794-798, doi: https://doi.org/10.1109/TCSII.2017.2749204 .
LOU Yang	# LOU Yang , WANG Lin , CHEN Guanrong , "Toward Stronger Robustness of Network Controllability: A Snapback Network Model", <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 65(9), 16 April 2018, pp 2983-2991, doi: https://doi.org/10.1109/TCSI.2018.2821124 .
	YUEN Shiu Yin Kelvin , # LOU Yang , ZHANG Xin , "Selecting evolutionary algorithms for black box design optimization problems", <i>Soft Computing</i> , 21 June 2018, doi: https://doi.org/10.1007/s00500-018-3302-y .
	# LOU Yang , YUEN Shiu Yin Kelvin , "On constructing alternative benchmark suite for evolutionary algorithms", <i>Swarm and Evolutionary Computation</i> , 14 April 2018, doi: https://doi.org/10.1016/j.swevo.2018.04.005 .
	# ZHOU Jianfeng , # LOU Yang , CHEN Guanrong , TANG Kit Sang Wallace , "Multi-language naming game", <i>Physica A: Statistical Mechanics and its Applications</i> , 496, 08 January 2018, pp 620-634, doi: https://doi.org/10.1016/j.physa.2017.12.124 .
	# LOU Yang , CHEN Guanrong , HU Jianwei , "Communicating with sentences: A multi-word naming game model", <i>Physica A: Statistical Mechanics and its Applications</i> , 490, 08 September 2017, pp 857-868, doi: https://doi.org/10.1016/j.physa.2017.08.066 .
	# LOU Yang , CHEN Guanrong , FAN Zhengping , # XIANG Luna , "Local communities obstruct global consensus: Naming game on multi-local-world networks", <i>Physica A: Statistical Mechanics and its Applications</i> , 492, 24 November 2017, pp 1741-1752, doi: https://doi.org/10.1016/j.physa.2017.11.094 .
MA Jianghong	# MA Jianghong , CHOW Wai Shing Tommy , "Robust non-negative sparse graph for semi-supervised multi-label learning with missing labels", <i>Information Sciences</i> , 422, 30 August 2017, pp 336-351, doi: https://doi.org/10.1016/j.ins.2017.08.061 .
	# MA Jianghong , TIAN Zhaoyang , ZHANG Haijun , CHOW Wai Shing Tommy , "Multi-Label Low-dimensional Embedding with Missing Labels", <i>Knowledge-Based Systems</i> , 137, 08 September 2017, pp 65-82, doi: https://doi.org/10.1016/j.knosys.2017.09.005 .
MAO Tian	# MAO Tian , LAU Wing Hong Ricky , # SHUM Chong , CHUNG Shu Hung Henry , TSANG Kim Fung , TSE Chung Fai Norman , "A Regulation Policy of EV Discharging Price for Demand Scheduling", <i>IEEE Transactions on Power Systems</i> , 33(2), 14 July 2017, pp 1275-1288, doi: https://doi.org/10.1109/TPWRS.2017.2727323 .
MIN Biao	# XU Zhe , # MIN Biao , CHEUNG Chak Chung Ray , "A fast inter CU decision algorithm for HEVC", <i>Signal Processing: Image Communication</i> , 60, 22 September 2017, pp 211-223, doi: https://doi.org/10.1016/j.image.2017.09.008 .

Section A: Publications of PhD Students

	# <u>XU Zhe</u> , # <u>MIN Biao</u> , <u>CHEUNG Chak Chung Ray</u> , "Key-point detection based fast CU decision for HEVC intra encoding", <i>International Journal of Electronics and Telecommunications</i> , 64(3), 2018, pp 321-327, doi: https://doi.org/10.24425/123525 .
QAMAR Zeeshan	<u>ZHENG Shaoyong</u> , <u>SU Zhi Li</u> , <u>PAN Yongmei</u> , # <u>QAMAR Zeeshan</u> , <u>HO Derek</u> , "New Dual-/Tri-Band Bandpass Filters and Diplexer With Large Frequency Ratio", <i>IEEE Transactions on Microwave Theory and Techniques</i> , 66(6), 16 May 2018, doi: https://doi.org/10.1109/TMTT.2018.2833862 .
	# <u>QAMAR Zeeshan</u> , <u>ZHENG Shaoyong</u> , <u>CHAN Wing Shing</u> , <u>HO Derek</u> , "Coupling coefficient range extension technique for broadband branch-line coupler", <i>Journal of Electromagnetic Waves and Applications</i> , 32(1), 30 August 2017, pp 92-112, doi: https://doi.org/10.1080/09205071.2017.1369906 .
	# <u>QAMAR Zeeshan</u> , <u>ZHENG Shaoyong</u> , <u>CHAN Wing Shing</u> , <u>HO Derek</u> , "Coupling Coefficient Reconfigurable Wideband Branch-Line Coupler Topology with Harmonic Suppression", <i>IEEE Transactions on Microwave Theory and Techniques</i> , 66(4), 23 January 2018, pp 1912-1920, doi: https://doi.org/10.1109/TMTT.2018.2791933 .
REHMAN Yasar Abbas Ur	# <u>REHMAN Yasar Abbas Ur</u> , <u>PO Lai Man</u> , # <u>LIU Mengyang</u> , "LiveNet: Improving features generalization for face liveness detection using convolution neural networks", <i>Expert Systems with Applications</i> , 108, 08 May 2018, pp 159-169, doi: https://doi.org/10.1016/j.eswa.2018.05.004 .
REN Jian	<u>YIN Jia Yuan</u> , # <u>REN Jian</u> , <u>ZHANG Lei</u> , <u>LI Haijiang</u> , <u>CUI Tie Jun</u> , "Microwave Vortex-Beam Emitter Based on Spoof Surface Plasmon Polaritons", <i>Laser & Photonics Reviews</i> , 12(3), 15 January 2018, doi: https://doi.org/10.1002/lpor.201600316 .
	# <u>REN Jian</u> , <u>LEUNG Kwok Wa</u> , "Generation of microwave orbital angular momentum states using hemispherical dielectric resonator antenna", <i>Applied Physics Letters</i> , 112(13), 26 March 2018, doi: https://doi.org/10.1063/1.5021951 .
REN Xue	# <u>REN Xue</u> , <u>LIAO Shaowei</u> , <u>XUE Quan</u> , "Design of Wideband Circularly Polarized Vivaldi Antenna with Stable Radiation Pattern", <i>IEEE Access</i> , 6, 14 November 2017, pp 637-644, doi: https://doi.org/10.1109/ACCESS.2017.2773566 .
	<u>SONG Kaijun</u> , <u>XU Boqiang</u> , <u>GUO Song</u> , # <u>REN Xue</u> , <u>ZHANG Fan</u> , "Compact three-way filtering Bagley polygon power divider based on composite right/left-handed transmission lines", <i>IET Microwaves, Antennas and Propagation</i> , 12(6), 26 March 2018, pp 909-912, doi: https://doi.org/10.1049/iet-map.2017.1063 .
RONY Kazi Tanvir Ahmmed	# <u>RONY Kazi Tanvir Ahmmed</u> , <u>CHAN Hau Ping Andy</u> , # <u>LI Binghui</u> , "Broadband high-order mode pass filter based on mode conversion", <i>Optics Letters</i> , 42(18), 15 September 2017, pp 3686-3689, doi: https://doi.org/10.1364/OL.42.003686 .
	<u>HOSSAIN Md. Rabiul</u> , # <u>RONY Kazi Tanvir Ahmmed</u> , "Non-linear companding based hybrid PAPR reduction approach for DCT-SCFDMA system", <i>IET Communications</i> , 12(12), 28 June 2018, pp 1468-1476, doi: https://doi.org/10.1049/iet-com.2017.0921 .
	<u>HOSSAIN Md. Rabiul</u> , # <u>RONY Kazi Tanvir Ahmmed</u> , "Efficient PAPR Reduction in DCT-SCFDMA System Based on Absolute Exponential Companding Technique with Pulse Shaping", <i>Wireless Personal Communications</i> , 97(3), December 2017, pp 3449-3463, doi: https://doi.org/10.1007/s11277-017-4678-1 .
RUAN Xuexuan	<u>ZHOU Shaolin</u> , <u>MU Songlin</u> , <u>RAJU Salahuddin</u> , <u>PRAWOTO Clarissa</u> , # <u>RUAN Xuexuan</u> , <u>NG Kung Bo</u> , <u>CHAN Mansun</u> , "Prototyping of Terahertz Metasurface by One-Step Lithographically Defined Templating", <i>IEEE Photonics Technology Letters</i> , 30(10), 15 May 2018, pp 971-974, doi: https://doi.org/10.1109/LPT.2018.2828122 .
SHEN Lifan	<u>HUA Chenxiao</u> , # <u>SHEN Lifan</u> , <u>PUN Yue Bun Edwin</u> , <u>LI Desheng</u> , <u>LIN Hai</u> , "Dy ³⁺ doped tellurite glasses containing silver nanoparticles for lighting devices", <i>Optical Materials</i> , 78, April 2018, pp 72-81, doi: https://doi.org/10.1016/j.optmat.2018.02.006 .
	# <u>SHEN Lifan</u> , # <u>YIP Sen Po</u> , <u>LAN Changyong</u> , <u>SHU Lei</u> , # <u>LI Dapan</u> , # <u>ZHOU Ziyao</u> , <u>WONG Chun Yuen Alex</u> , <u>PUN Yue Bun Edwin</u> , <u>HO Johnny Chung Yin</u> , "Enhanced Negative Photoconductivity in InAs Nanowire Phototransistors Surface-Modified with Molecular Monolayers", <i>Advanced Materials Interfaces</i> , 5(3), 11 December 2017, doi: https://doi.org/10.1002/admi.201701104 .
	<u>LAN Changyong</u> , # <u>ZHOU Ziyao</u> , <u>ZHOU Zhifei</u> , <u>LI Chun</u> , <u>SHU Lei</u> , # <u>SHEN Lifan</u> , # <u>LI Dapan</u> , # <u>DONG Ruoting</u> , # <u>YIP Sen Po</u> , <u>HO Johnny Chung Yin</u> , "Wafer-scale synthesis of monolayer

Section A: Publications of PhD Students

	WS ₂ for high-performance flexible photodetectors by enhanced chemical vapor deposition", <i>Nano Research</i> , 11(6), 22 May 2018, pp 3371–3384, doi: https://doi.org/10.1007/s12274-017-1941-4 .
SHUM Chong	#SHUM Chong, LAU Wing Hong Ricky, MO Tian, CHUNG Shu Hung Henry, TSANG Kim Fung, TSE Chung Fai Norman, LAI Loi Lei, "Co-simulation of distributed smart grid software using direct-execution simulation", <i>IEEE Access</i> , 6, 09 April 2018, pp 20531-20544, doi: https://doi.org/10.1109/ACCESS.2018.2824341 . #MAO Tian, LAU Wing Hong Ricky, #SHUM Chong, CHUNG Shu Hung Henry, TSANG Kim Fung, TSE Chung Fai Norman, "A Regulation Policy of EV Discharging Price for Demand Scheduling", <i>IEEE Transactions on Power Systems</i> , 33(2), 14 July 2017, pp 1275-1288, doi: https://doi.org/10.1109/TPWRS.2017.2727323 . #SHUM Chong, LAU Wing Hong Ricky, MO Tian, CHUNG Shu Hung Henry, TSE Chung Fai Norman, TSANG Kim Fung, LAI Loi Lei, "DecompositionJ: Parallel and Deterministic Simulation of Concurrent Java Executions in Cyber-Physical Systems", <i>IEEE Access</i> , 6, 10 April 2018, pp 21991-22010, doi: https://doi.org/10.1109/ACCESS.2018.2825254 .
SIDDIQI Muhammad Wajih Ullah	#SIDDIQI Muhammad Wajih Ullah, TU Cheng, LEE En-yuan Joshua, "Effect of mode order, resonator length, curvature, and electrode coverage on enhancing the performance of biconvex resonators", <i>Journal of Micromechanics and Microengineering</i> , 28(9), 01 June 2018, doi: https://doi.org/10.1088/1361-6439/aac40e .
SUN Huayu	#SUN Huayu, CHAN Yan Cheong, WU Fengshun, "Reliability performance of tin–bismuth–silver (Sn57.6Bi0.4Ag) solder joints with different content of carbon nano-tubes (CNTs) or nickel (Ni)-modified CNTs", <i>Journal of Materials Science: Materials in Electronics</i> , 29(10), 14 March 2018, pp 8584-8593, doi: https://doi.org/10.1007/s10854-018-8872-z .
SUN Jie	#SUN Jie, LUK Kwai Man, "A Wideband Low Cost and Optically Transparent Water Patch Antenna with Omnidirectional Conical Beam Radiation Patterns", <i>IEEE Transactions on Antennas and Propagation</i> , 65(9), 21 July 2017, pp 4478-4485, doi: https://doi.org/10.1109/TAP.2017.2730250 .
SUN Weinong	DIAO Yinliang, #SUN Weinong, #HE Yaqing, LEUNG Sai Wing Peter, SIU Yun Ming Timothy, "Equivalent magnetic vector potential model for low-frequency magnetic exposure assessment", <i>Physics in Medicine and Biology</i> , 62(19), 20 September 2017, pp 7905-7922, doi: https://doi.org/10.1088/1361-6560/aa8490 .
TUNG Chung Pui	#TUNG Chung Pui, CHUNG Shu Hung Henry, YUEN Kuen Faat, "Boost-Type Power Factor Corrector with Power Semiconductor Filter for Input Current Shaping", <i>IEEE Transactions on Power Electronics</i> , 32(11), November 2017, pp 8293-8311, doi: https://doi.org/10.1109/TPEL.2017.2699038 .
VAN LIERDE Hadrien	#VAN LIERDE Hadrien, CHOW Wai Shing Tommy, DELVENNE Jean-Charles, "Spectral clustering algorithms for the detection of clusters in block-cyclic and block-acyclic graphs", <i>Journal of Complex Networks</i> , 07 May 2018, doi: https://doi.org/10.1093/comnet/cny011 .
WANG Hao	#WANG Hao, FENG Ruibin, LEUNG Chi Sing Andrew, TSANG Kim Fung, "Lagrange Programming Neural Network Approaches for Robust Time-of-Arrival Localization", <i>Cognitive Computation</i> , 10(1), 28 July 2017, pp 23-34, doi: https://doi.org/10.1007/s12559-017-9495-z . #WANG Hao, LEE Ching Man, FENG Ruibin, LEUNG Chi Sing Andrew, "An analog neural network approach for the least absolute shrinkage and selection operator problem", <i>Neural Computing and Applications</i> , 29(9), May 2018, pp 389-400, doi: https://doi.org/10.1007/s00521-017-2863-5 . #WANG Hao, FENG Ruibin, HAN Zifa, LEUNG Chi Sing Andrew, "ADMM-Based Algorithm for Training Fault Tolerant RBF Networks and Selecting Centers", <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 15 August 2017, doi: https://doi.org/10.1109/TNNLS.2017.2731319 . #WANG Hao, FENG Ruibin, LEUNG Chi Sing Andrew, SO Hing Cheung, "A Lagrange Programming Neural Network Approach for Robust Ellipse Fitting", <i>Lecture Notes in Computer Science</i> , 10636, November 2017, pp 686-696, doi: https://doi.org/10.1007/978-3-319-70090-8_69 .

Section A: Publications of PhD Students

WANG Kaixu	#WANG Kaixu, WONG Hang, "Design of A Wideband Circularly-polarized Millimeter Wave Antenna with an Extended Hemispherical Lens", <i>IEEE Transactions on Antennas and Propagation</i> , 28 May 2018, doi: https://doi.org/10.1109/TAP.2018.2841414 .
	XIANG Bing Jie, ZHENG Shaoyong, WONG Hang, PAN YONGMEI, #WANG Kaixu, XIA Ming Hua, "A Flexible Dual-Band Antenna with Large Frequency Ratio and Different Radiation Properties over the Two Bands", <i>IEEE Transactions on Antennas and Propagation</i> , 66(2), 22 December 2017, pp 657-667, doi: https://doi.org/10.1109/TAP.2017.2786321 .
WANG Kewei	#WANG Kewei, ZHANG Xin, CHUNG Shu Hung Henry, "Solid-State Single-Port Series Damping Device for Power Converters in DC Microgrid Systems", <i>IEEE Transactions on Power Electronics</i> , 08 March 2018, doi: https://doi.org/10.1109/TPEL.2018.2811941 .
WANG Qing	WANG Zengfu, #WANG Qing, ZUKERMAN Moshe, GUO Jun, WANG Yu, WANG Gang, YANG Jun, MORAN Bill, "Multiobjective Path Optimization for Critical Infrastructure Links with Consideration to Seismic Resilience", <i>Computer-Aided Civil and Infrastructure Engineering</i> , 32(10), 31 July 2017, pp 836-855, doi: https://doi.org/10.1111/mice.12287 .
	WANG Zengfu, #WANG Qing, MORAN Bill, ZUKERMAN Moshe, "Application of Fast Marching Method for Path Planning of Long-haul Optical Fiber Cables With Shielding", <i>IEEE Access</i> , 6, 2018, pp 41367-41378, doi: https://doi.org/10.1109/ACCESS.2018.2854581 .
WANG Yi	#WANG Yi, CHEN Ke, CHAN L H Leanne, "Responsive Neural Activities in the Primary Visual Cortex of Retina-Degenerated Rats", <i>Neuroscience</i> , 383, 17 May 2018, pp 84-97, doi: https://doi.org/10.1016/j.neuroscience.2018.05.006 .
WU Yunfei	#HUANG Quandong, #WU Yunfei, JIN Wei, CHIANG Kin Seng, "Mode Multiplexer with Cascaded Vertical Asymmetric Waveguide Directional Couplers", <i>Journal of Lightwave Technology</i> , 36(14), 23 April 2018, pp 2903-2911, doi: https://doi.org/10.1109/JLT.2018.2829143 .
XU Kai	#CAI Anliang, FAN Zheyu, #XU Kai, ZUKERMAN Moshe, CHUN-KIT Chan, "Elastic Versus WDM Networks With Dedicated Multicast Protection", <i>Journal of Optical Communications and Networking</i> , 9(11), 04 October 2017, pp 921-933, doi: https://doi.org/10.1364/JOCN.9.000921 .
	#XU Kai, LI Xiang, K. BOSE Sanjay, SHEN Gangxiang, "Joint Replica Server Placement, Content Caching, and Request Load Assignment in Content Delivery Networks", <i>IEEE Access</i> , 6, 21 March 2018, pp 17968-17981, doi: https://doi.org/10.1109/ACCESS.2018.2817646 .
XU Yuanhao	#XU Yuanhao, ZHOU Shufan, LAM Yun Wah, PANG Stella W., "Dynamics of Natural Killer Cells Cytotoxicity in Microwell Arrays with Connecting Channels", <i>Frontiers in Immunology</i> , 8(AUG), 17 August 2017, doi: https://doi.org/10.3389/fimmu.2017.00998 .
	ZHOU Shufan, SINGARAM Gopalakrishnan, #XU Yuanhao, TO Sally K. Y., WONG Alice S. T., PANG Stella W., LAM Yun Wah, "Substrates with patterned topography reveal metastasis of human cancer cells", <i>Biomedical Materials (Bristol)</i> , 12(5), 21 August 2017, doi: https://doi.org/10.1088/1748-605X/aa785d .
XU Zhe	#XU Zhe, #MIN Biao, CHEUNG Chak Chung Ray, "A fast inter CU decision algorithm for HEVC", <i>Signal Processing: Image Communication</i> , 60, 22 September 2017, pp 211-223, doi: https://doi.org/10.1016/j.image.2017.09.008 .
	#XU Zhe, #MIN Biao, CHEUNG Chak Chung Ray, "Key-point detection based fast CU decision for HEVC intra encoding", <i>International Journal of Electronics and Telecommunications</i> , 64(3), 2018, pp 321-327, doi: https://doi.org/10.24425/123525 .
YANG Dong	#YANG Dong, CHOW Wai Shing Tommy, #ZHONG Lu, TIAN Zhaoyang, ZHANG Qingpeng, CHEN Guanrong, "True and fake information spreading over the Facebook", <i>Physica A: Statistical Mechanics and its Applications</i> , 505, 13 April 2018, pp 984-994, doi: https://doi.org/10.1016/j.physa.2018.04.026 .
YEUNG Shun Cheung	#HUANG Chao, #WANG Long, #YEUNG Shun Cheung, ZHANG Zijun, CHUNG Shu Hung Henry, BENSOUSSAN Alain, "A Prediction Model-Guided Jaya Algorithm for the PV System Maximum Power Point Tracking", <i>IEEE Transactions on Sustainable Energy</i> , 9(1), January 2018, pp 45-55, doi: https://doi.org/10.1109/TSTE.2017.2714705 .
	#FAN Wing To, #YEUNG Shun Cheung, CHUNG Shu Hung Henry, "Optimized Hybrid PWM Scheme for Mitigating Zero-Crossing Distortion in Totem-Pole Bridgeless PFC", <i>IEEE Transactions on Power Electronics</i> , 28 March 2018, doi:

Section A: Publications of PhD Students

	<p>https://doi.org/10.1109/TPEL.2018.2819422.</p> <p><u>ZHOU Rui</u>, #YEUNG Shun Cheung, <u>CHAN Yau Chung</u>, <u>TSE Chung Fai Norman</u>, <u>CHUNG Shu Hung Henry</u>, "Switched-Capacitor-Based Current Compensator for Mitigating the Effect of Long Cable between PWM Driver and LED Light Source", <i>IEEE Transactions on Power Electronics</i>, 33(7), 21 August 2017, pp 6171-6186, doi: https://doi.org/10.1109/TPEL.2017.2743104.</p> <p>#CHEUNG Sui Pung, #YEUNG Shun Cheung, <u>CHUNG Shu Hung Henry</u>, <u>LO Alan Wai-Lun</u>, <u>WU Weimin</u>, "A transformer-less unified power quality conditioner with fast dynamic control", <i>IEEE Transactions on Power Electronics</i>, 33(5), May 2018, pp 3926-3937, doi: https://doi.org/10.1109/TPEL.2017.2715059.</p>
YI Xuan	#YI Xuan, <u>HUITEMA Laure</u> , <u>WONG Hang</u> , "Polarization and Pattern Reconfigurable Cuboid Quadrifilar Helical Antenna", <i>IEEE Transactions on Antennas and Propagation</i> , 66(6), 16 March 2018, pp 2707-2515, doi: https://doi.org/10.1109/TAP.2018.2816785 .
YU Yanyan	#YU Yanyan, <u>XIAO Yang</u> , #CHENG Jieyu, <u>CHIU Bernard Chi Yuen</u> , "Breast lesion classification based on supersonic shear-wave elastography and automated lesion segmentation from B-mode ultrasound images", <i>Computers in Biology and Medicine</i> , 93, 15 December 2017, pp 31-46, doi: https://doi.org/10.1016/j.combiomed.2017.12.006 .
	#CHENG Jieyu, <u>CHEN Yimin</u> , #YU Yanyan, <u>CHIU Bernard Chi Yuen</u> , "Carotid plaque segmentation from three-dimensional ultrasound images by direct three-dimensional sparse field level-set optimization", <i>Computers in Biology and Medicine</i> , 94, 11 January 2018, pp 27-40, doi: https://doi.org/10.1016/j.combiomed.2018.01.002 .
ZENG Jingtao	#ZENG Jingtao, <u>LUK Kwai Man</u> , "A Simple Wideband Magnetolectric Dipole Antenna With A Defected Ground Structure", <i>IEEE Antennas and Wireless Propagation Letters</i> , 17(8), 27 June 2018, pp 1497-1500, doi: https://doi.org/10.1109/LAWP.2018.2850890 .
ZHAN Wen	#ZHAN Wen, <u>DAI Lin</u> , "Massive Random Access of Machine-to-Machine Communications in LTE Networks: Modeling and Throughput Optimization", <i>IEEE Transactions on Wireless Communications</i> , 17(4), 09 February 2018, pp 2771-2785, doi: https://doi.org/10.1109/TWC.2018.2803083 .
	<u>TAN Xuesong Jonathan</u> , #ZHAN Wen, "Traffic-adaptive Spectrum Leasing between Primary and Secondary Networks", <i>IEEE Transactions on Vehicular Technology</i> , 67(7), 20 February 2018, pp 6546-6560, doi: https://doi.org/10.1109/TVT.2018.2808279 , https://doi.org/10.1109/TVT.2018.2808279 .
ZHAN Xiaoqing	#ZHAN Xiaoqing, <u>WANG Wenguan</u> , <u>CHUNG Shu Hung Henry</u> , "A Novel Color Control Method for Multi-Color LED Systems to Achieve High Color Rendering Indexes", <i>IEEE Transactions on Power Electronics</i> , 19 December 2017, doi: https://doi.org/10.1109/TPEL.2017.2785307 .
	<u>QU Xiaohui</u> , <u>WANG Huai</u> , #ZHAN Xiaoqing, <u>BLAABJERG Frede</u> , <u>CHUNG Shu Hung Henry</u> , "A Lifetime Prediction Method for LEDs Considering Real Mission Profiles", <i>IEEE Transactions on Power Electronics</i> , 32(11), November 2017, pp 8718-8727, doi: https://doi.org/10.1109/TPEL.2016.2641010 .
ZHANG Bohai	#ZHANG Bohai, <u>XUE Quan</u> , "Filtering Antenna with High Selectivity Using Multiple Coupling Paths from Source/Load to Resonators", <i>IEEE Transactions on Antennas and Propagation</i> , 23 May 2018, doi: https://doi.org/10.1109/TAP.2018.2839968 .
ZHANG Qingle	#ZHANG Qingle, <u>ZHANG Qingfeng</u> , <u>CHEN Yifan</u> , "High-Efficiency Circularly Polarized Leaky-Wave Antenna Fed by Spoof Surface Plasmon Polaritons", <i>IET Microwaves, Antennas and Propagation</i> , 12(10), 06 April 2018, pp 1639-1644, doi: https://doi.org/10.1049/iet-map.2017.1054 .
ZHANG Rongbin	<u>WANG Hong</u> , #ZHANG Rongbin, <u>SONG Rongfang</u> , <u>LEUNG Shu Hung</u> , "A Novel Power Minimization Precoding Scheme for MIMO-NOMA Uplink Systems", <i>IEEE Communications Letters</i> , 22(5), 06 March 2018, pp 1106-1109, doi: https://doi.org/10.1109/LCOMM.2018.2812786 .
ZHAO Lan	#ZHAO Lan, <u>ZHAO Hongya</u> , <u>YAN Hong</u> , "Gene expression profiling of 1200 pancreatic ductal adenocarcinoma reveals novel subtypes", <i>BMC Cancer</i> , 18, 29 May 2018, doi: https://doi.org/10.1186/s12885-018-4546-8 .

Section A: Publications of PhD Students

	# ZHAO Lan , LEE Victor, NG Michael, YAN Hong , BIJLSMA Maarten, "Molecular subtyping of cancer: current status and moving toward clinical applications", <i>Briefings in Bioinformatics</i> , 12 April 2018, pp 1-13, doi: https://doi.org/10.1093/bib/bby026 .
	# ZHAO Lan , FONG Alvin H. W., LIU Na, CHO William C. S., "Molecular subtyping of nasopharyngeal carcinoma (NPC) and a microRNA-based prognostic model for distant metastasis", <i>Journal of Biomedical Science</i> , 25, 19 February 2018, doi: https://doi.org/10.1186/s12929-018-0417-5 .
ZHAO Yue	# ZHAO Yue , LUK Kwai Man , "Dual circular-polarized siw-fed high-gain scalable antenna array for 60 GHz applications", <i>IEEE Transactions on Antennas and Propagation</i> , 66(3), 24 January 2018, pp 1288-1298, doi: https://doi.org/10.1109/TAP.2018.2797530 .
ZHOU Jianfeng	# ZHOU Jianfeng , # LOU Yang , CHEN Guanrong , TANG Kit Sang Wallace , "Multi-language naming game", <i>Physica A: Statistical Mechanics and its Applications</i> , 496, 08 January 2018, pp 620-634, doi: https://doi.org/10.1016/j.physa.2017.12.124 .
ZHOU Liheng	# ZHOU Liheng , CHEN Jian-Xin, XUE Quan, "Design of Compact Coaxial-Like Bandpass Filters Using Dielectric-Loaded Strip Resonator", <i>IEEE TRANSACTIONS ON COMPONENTS PACKAGING AND MANUFACTURING TECHNOLOGY</i> , 8(3), March 2018, pp 456-464, doi: https://doi.org/10.1109/TCPMT.2017.2786293 .
ZHOU Xinyu	# ZHOU Xinyu , ZHENG Shaoyong, CHAN Wing Shing , FANG Xiaohu , HO Derek , "Postmatching Doherty Power Amplifier with Extended Back-Off Range Based on Self-Generated Harmonic Injection", <i>IEEE Transactions on Microwave Theory and Techniques</i> , 66(4), 01 January 2018, pp 1951-1963, doi: https://doi.org/10.1109/TMTT.2017.2784811 .
	# ZHOU Xinyu , ZHENG Shaoyong, CHAN Wing Shing , CHEN Shichang, HO Derek , "Broadband Efficiency-Enhanced Mutually Coupled Harmonic Postmatching Doherty Power Amplifier", <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 64(7), July 2017, pp 1758-1771, doi: https://doi.org/10.1109/TCSI.2017.2658689 .
	# ZHOU Xinyu , CHAN Wing Shing , HO Derek , ZHENG Shaoyong, "Loading the Third Harmonic", <i>IEEE Microwave Magazine</i> , 19(1), 12 December 2017, pp 99-105, doi: https://doi.org/10.1109/mmm.2017.2759669 .
	ZHENG Shaoyong, LIU Zhao Wu, ZHANG Xiu Yin, # ZHOU Xinyu , CHAN Wing Shing , "Design of Ultrawideband High-Efficiency Extended Continuous Class-F Power Amplifier", <i>IEEE Transactions on Industrial Electronics</i> , 65(6), 13 November 2017, pp 4661-4669, doi: https://doi.org/10.1109/TIE.2017.2772163 .
ZHU Shuyan	# ZHU Shuyan , # LI Hualin , YANG M , PANG Stella W. , "Label-free detection of live cancer cells and DNA hybridization using 3D multilayered plasmonic biosensor", <i>Nanotechnology</i> , 29(36), doi: https://doi.org/10.1088/1361-6528/aac8fb .
ZHU Ze	# ZHU Ze , CHAN Yan Cheong , CHEN Zhong, GAN Chee Lip, WU Fengshun, "Effect of the size of carbon nanotubes (CNTs) on the microstructure and mechanical strength of CNTs-doped composite Sn0.3Ag0.7Cu-CNTs solder", <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 727, 03 May 2018, pp 160-169, doi: https://doi.org/10.1016/j.msea.2018.05.002 .
ZOU Bin	# ZOU Bin , LEE Victor H. F., CHEN Lijiang , MA Lichun , WONG Dan , YAN Hong , "Deciphering mechanisms of acquired T790M mutation after EGFR inhibitors for NSCLC by computational simulations", <i>Scientific Reports</i> , 7, 26 July 2017, doi: https://doi.org/10.1038/s41598-017-06632-y .
	CHEN Lijiang , # ZOU Bin , LEE Victor Ho Fun, YAN Hong , "Analysis of the Relative Movements Between EGFR and Drug Inhibitors Based on Molecular Dynamics Simulation", <i>Current Bioinformatics</i> , 13(3), 2018, pp 299-309, doi: https://doi.org/10.2174/1574893612666171006155855 .
	# ZOU Bin , LEE Victor H.F., YAN Hong , "Prediction of sensitivity to gefitinib/erlotinib for EGFR mutations in NSCLC based on structural interaction fingerprints and multilinear principal component analysis", <i>BMC Bioinformatics</i> , 19(1), 07 March 2018, doi: https://doi.org/10.1186/s12859-018-2093-6 .
Conference papers	
ALI Abid	# ALI Abid , LEE En-yuan Joshua, "Piezoelectric transduction of a button-like mode disk resonator for enhanced quality factor in water", <i>2017 Joint Conference of the European Frequency and Time Forum and IEEE International Frequency Control Symposium, EFTF/IFC</i>

Section A: Publications of PhD Students

	<p>2017 - <i>Proceedings</i>, Besancon, France, 09-13 July 2017, pp 26-29, (ISBN: 978-1-5386-2916-1).</p> <p>#ALI Abid, LEE En-yuan Joshua, "Higher-order wine glass mode piezoelectric square resonator with improved quality factor in water", <i>2017 IEEE SENSORS Proceedings</i>, Glasgow, United Kingdom, 30 October - 01 November 2017, (ISBN: 978-1-5090-1012-7).</p>
CHEN Jianqi	<p>MA Dan, #CHEN Jianqi, LIU Andong, CHEN Jie, NICULESCU Silviu-Iulian, "Lower bounds on delay margin of second-order unstable systems", <i>14th IFAC Workshop on Time Delay Systems</i>, Budapest, Hungary, 28-30 June 2018.</p>
CHEN Zhe	<p>#CHEN Zhe, XIANG Ji, WONG Hang, "Pattern reconfigurable antenna with flowing liquid switch", <i>2017 International Applied Computational Electromagnetics Society Symposium in China (ACES-China 2017)</i>, National University of Singapore Suzhou Research Institute, Suzhou, China, 01-04 August 2017, (ISBN: 9780996007856).</p>
CHEUNG Sui Pung	<p>#CHEUNG Sui Pung, #CHOW Po Wa, #FAN Wing To, #TUNG Chung Pui, CHUNG Shu Hung Henry, "PWM Dimming Module Allowing Wide DC-Link Voltage Variation", <i>2018 IEEE Applied Power Electronics Conference and Exposition (APEC)</i>, Henry B. Gonzalez Convention Center, San Antonio, United States, 04-08 March 2018, pp 423-428, (ISBN: 9781538611807).</p> <p>#CHEUNG Sui Pung, #YEUNG Shun Cheung, CHUNG Shu Hung Henry, LO Alan Wai-Lun, WU Weimin, "A transformer-less unified power quality conditioner having fast dynamic control", <i>2017 IEEE Energy Conversion Congress and Exposition, ECCE 2017</i>, Duke Energy Convention Center, Cincinnati, United States, 01-05 October 2017, pp 2962-2968, (ISBN: 978-1-5090-2998-3).</p>
CHI Haoran	<p>#HUNG Faan Hei, #WU Chung Kit, ZOU Zijie, LIU Yucheng, TSANG Kim Fung, ALAHMAD Mahmoud, #GAN Haili, #CHI Haoran, "Packet Error Rate Analysis in IoT for Industrial Air Conditioning System", <i>Proceedings : IECON 2017 - 43rd Annual Conference of the IEEE Industrial Electronics Society</i>, China National Convention Center, Beijing, China, 29 October - 01 November 2017, pp 8367-8370, (ISBN: 9781538611272,9781538611289).</p> <p>#ZHU Hongxu, TSANG Kim Fung, #WU Chung Kit, #CHI Haoran, "An automatic RFID detection based railway identification system", <i>ISPCE 2018 - IEEE Symposium on Product Compliance Engineering, Proceedings</i>, IEEE and PSES, San Jose, United States, 14-16 May 2018, (ISBN: 978-1-5386-3432-5).</p>
CHOW Po Wa	<p>#CHEUNG Sui Pung, #CHOW Po Wa, #FAN Wing To, #TUNG Chung Pui, CHUNG Shu Hung Henry, "PWM Dimming Module Allowing Wide DC-Link Voltage Variation", <i>2018 IEEE Applied Power Electronics Conference and Exposition (APEC)</i>, Henry B. Gonzalez Convention Center, San Antonio, United States, 04-08 March 2018, pp 423-428, (ISBN: 9781538611807).</p> <p>ZHANG Xin, CHUNG Shu Hung Henry, CAO Lingling, #CHOW Po Wa, WU Weimin, "Impedance-based stability criterion for multiple offshore inverters connected in parallel with long cables", <i>2017 IEEE Energy Conversion Congress and Exposition (ECCE)</i>, Duke Energy Convention Center, Cincinnati, United States, 01-05 October 2017, pp 3383-3389, (ISBN: 9781509029983,9781509029990).</p> <p>#CHOW Po Wa, CHUNG Shu Hung Henry, CHAN L H Leanne, MCDANNOLD Nathan Judson, TANG Sai Chun, "Design of a Wireless Power Transfer System for Devices Carried by a Freely Moving Animal in Cage", <i>2017 IEEE Energy Conversion Congress and Exposition, ECCE 2017</i>, Cincinnati, United States, 01-05 October 2017, pp 4398-4405, (ISBN: 9781509029976,9781509029983,9781509029990).</p>
DAI Wangchen	<p>#HU Jingwei, #DAI Wangchen, #LIU Yao, CHEUNG Chak Chung Ray, "An application specific instruction set processor (ASIP) for the niederreiter cryptosystem", <i>6th International Symposium on Digital Forensic and Security, ISDFS 2018 - Proceeding - Proceeding Book</i>, Antalya, Turkey, 22-25 March 2018, (ISBN: 9781538634493).</p>
DONG Jiabin	<p>#DONG Jiabin, #LI Songsui, CHAN Sze Chun, "Dynamics of Stable-Unstable Switching of a Laser Diode Subject to Feedback", <i>2017 International Symposium on Nonlinear Theory and Its Applications (NOLTA 2017)</i>, Cancún International Convention Center, Cancún, Mexico, 04-07 December 2017.</p> <p>#LI Songsui, #DONG Jiabin, CHAN Sze Chun, "Chaotic time-delay signature varied by bias in a semiconductor laser with FBG feedback", <i>Asia Communications and Photonics</i></p>

Section A: Publications of PhD Students

	<p><i>Conference, ACPC 2017</i>, Guangzhou, Guangdong, China, 10-13 November 2017, (ISBN: 978-1-943580-34-7).</p> <p>#<u>LI Songsui</u>, #<u>DONG Jiaxin</u>, <u>ZHUANG Junping</u>, <u>CHAN Sze Chun</u>, "Noisy Frequency-Modulated Period-One Dynamics of Optically Injected Laser Diodes", <i>7th International Symposium on Physics and Applications of Laser Dynamics (IS-PALD 2017)</i>, Marriott Rive Gauche, Paris, France, 15-17 November 2017.</p>
FAN Jicong	<p>#<u>FAN Jicong</u>, <u>WANG Wei</u>, <u>ZHANG Haijun</u>, "AutoEncoder based high-dimensional data fault detection system", <i>Proceedings - 2017 IEEE 15th International Conference on Industrial Informatics (INDIN)</i>, Emden, Germany, 24-26 July 2017, pp 1001-1006, (ISBN: 978-1-5386-0837-1).</p> <p>#<u>MA Jianghong</u>, #<u>FAN Jicong</u>, <u>WANG Wei</u>, "Multi-label classification for images with missing labels", <i>Proceedings - 2017 IEEE 15th International Conference on Industrial Informatics (INDIN)</i>, Emden, Germany, 24-26 July 2017, pp 1050-1055, (ISBN: 9781538608371,9781538608388).</p>
FAN Wing To	<p>#<u>CHEUNG Sui Pung</u>, #<u>CHOW Po Wa</u>, #<u>FAN Wing To</u>, #<u>TUNG Chung Pui</u>, <u>CHUNG Shu Hung Henry</u>, "PWM Dimming Module Allowing Wide DC-Link Voltage Variation", <i>2018 IEEE Applied Power Electronics Conference and Exposition (APEC)</i>, Henry B. Gonzalez Convention Center, San Antonio, United States, 04-08 March 2018, pp 423-428, (ISBN: 9781538611807).</p> <p>#<u>FAN Wing To</u>, #<u>YEUNG Shun Cheung</u>, <u>CHUNG Shu Hung Henry</u>, "Optimized Hybrid PWM Scheme for Mitigating Zero-crossing Distortion in Totem-Pole Bridgeless PFC", <i>APEC 2018 - Thirty-Third Annual IEEE Applied Power Electronics Conference and Exposition</i>, Henry B. Gonzalez Convention Center, San Antonio, United States, 04-08 March 2018, pp 2048-2053, (ISBN: 9781538611791,9781538611807,9781538611814).</p>
FAN Zhongyan	<p>#<u>FAN Zhongyan</u>, <u>TANG Kit Sang Wallace</u>, <u>LIN Dong</u>, #<u>LI Doujie</u>, "A comparative study of IXP in Europe and US from a complex network perspective", <i>Recent Advances in Information and Communication Technology 2017</i>, Bangkok, Thailand, 06-07 July 2017, pp 242-252, (ISBN: 978-3-319-60662-0,978-3-319-60663-7).</p>
FU Yaru	<p>#<u>FU Yaru</u>, <u>SALAUEN Lou</u>, <u>SUNG Chi Wan</u>, <u>CHEN Chung Shue</u>, "Distributed power allocation for the downlink of a two-cell MISO-NOMA system", <i>2018 IEEE 87th Vehicular Technology Conference (VTC Spring) - Proceedings</i>, Porto, Portugal, 03-06 June 2018, pp 1-6, (ISBN: 978-1-5386-6355-4).</p>
GHOSH Sagnik	<p>#<u>GHOSH Sagnik</u>, <u>LEE En-yuan Joshua</u>, "Resonant tuning fork strain gauge operating in air with decoupled piezoelectric transducers", <i>2017 IEEE SENSORS Proceedings</i>, Glasgow, United Kingdom, 30 October - 01 November 2017, (ISBN: 978-1-5090-1012-7).</p> <p>#<u>GHOSH Sagnik</u>, <u>LEE En-yuan Joshua</u>, "An ultra-sensitive piezoelectric-on-silicon flapping mode MEMS lateral field magnetometer", <i>2017 Joint Conference of the European Frequency and Time Forum and IEEE International Frequency Control Symposium (EFTF/IFC) - Proceedings</i>, Besancon, France, 09-13 July 2017, pp 502-505, (ISBN: 9781538629161).</p>
HAO Ting	<p>#<u>HAO Ting</u>, <u>CHIANG Kin Seng</u>, "Graphene-Coated In-Fiber Mach-Zehnder interferometer for ammonia gas sensing", <i>2017 Conference on Lasers and Electro-Optics Pacific Rim (CLEO-PR)</i>, Singapore, Singapore, 31 July - 04 August 2017, (ISBN: 978-1-5090-6290-4).</p>
HE Yaodong	<p>#<u>HE Yaodong</u>, <u>YUEN Shiu Yin Kelvin</u>, #<u>LOU Yang</u>, "A Bayesian Restarting Approach to Algorithm Selection", <i>Simulated Evolution and Learning</i>, Southern University of Science and Technology, Shenzhen, China, 10-13 November 2017, pp 397-408, (ISBN: 978-3-319-68758-2,978-3-319-68759-9).</p>
HE Yaqing	<p>#<u>SUN Weinong</u>, #<u>HE Yaqing</u>, <u>DIAO Yinliang</u>, <u>LEUNG Sai Wing Peter</u>, <u>SIU Yun Ming Timothy</u>, <u>KONG Yuen Chong Richard</u>, <u>LO Wai-Keung</u>, "A 3D coil structure achieving uniform magnetic field for in-vitro cell experiments", <i>2017 International Symposium on Electromagnetic Compatibility - EMC EUROPE</i>, Angers, France, 04-08 September 2017, (ISBN: 978-1-5386-0689-6).</p> <p>#<u>HE Yaqing</u>, #<u>SUN Weinong</u>, <u>LEUNG Sai Wing Peter</u>, <u>SIU Yun Ming Timothy</u>, <u>NG Kai Tat</u>, "Impact on Human Exposure to Low Frequency Radiation with Psychological and Brainwave changes", <i>2018 IEEE International Symposium on Electromagnetic Compatibility and 2018 IEEE Asia-Pacific Symposium on Electromagnetic Compatibility (EMC/APEMC)</i>, Singapore, 14-17 May 2018, pp 936-939, (ISBN: 9781509039555,9781509059966,9781509059973).</p>

Section A: Publications of PhD Students

	#SUN Weinong, #HE Yaqing, DIAO Yinliang, LEUNG Sai Wing Peter, SIU Yun Ming Timothy, KONG Yuen Chong Richard, "Parametric study of impact of static magnetic field on human cell viability", 2018 IEEE International Symposium on Electromagnetic Compatibility and 2018 IEEE Asia-Pacific Symposium on Electromagnetic Compatibility, EMC/APEMC 2018, Suntec Singapore Convention & Exhibition Centre, Singapore, 14-18 May 2018, pp 872-874, (ISBN: 9781509059973).
HOU Zhangju	#HOU Zhangju, XUE Quan, YANG Yang, ZHU Xi, DUTKIEWICZ Eryk, "Miniaturized Millimeter-Wave On-Chip Bandpass Filter Design in 0.13- μ m SiGe BiCMOS Technology", 2017 17th International Symposium on Communications and Information Technologies (ISCIT), Cairns, Australia, 25-27 September 2017, (ISBN: 9781509065141,9781509065158).
HU Jingwei	#HU Jingwei, #DAI Wangchen, #LIU Yao, CHEUNG Chak Chung Ray, "An application specific instruction set processor (ASIP) for the niederreiter cryptosystem", 6th International Symposium on Digital Forensic and Security, ISDFS 2018 - Proceeding - Proceeding Book, Antalya, Turkey, 22-25 March 2018, (ISBN: 9781538634493).
HU Yang	#HU Yang, XU Chongbin, LI Ping, "NOMA and IDMA in Random Access Systems (Invited Paper)", 2018 IEEE 87th Vehicular Technology Conference (VTC Spring) - Proceedings, Porto, Portugal, 03-06 June 2018, (ISBN: 9781538663554,9781538663561).
HUANG Quandong	#HUANG Quandong, #WU Yunfei, JIN Wei, CHIANG Kin Seng, "Six-Mode multiplexer with cascaded vertical asymmetric waveguide directional couplers", Asia Communications and Photonics Conference, ACPC 2017, Guangzhou, Guangdong, China, 10-13 November 2017, (ISBN: 978-1-943580-34-7).
	#HUANG Quandong, CHIANG Kin Seng, JIN Wei, "Thermo-optic switchable mode multiplexer based on cascaded vertical waveguide directional couplers", 2017 Opto-Electronics and Communications Conference (OECC) and Photonics Global Conference (PGC), Singapore, 31 July - 04 August 2017, (ISBN: 978-1-5090-6293-5).
	#HUANG Quandong, #WU Yunfei, JIN Wei, CHIANG Kin Seng, "Broadband Mode Router Based on Three-Dimensional Mach-Zehnder Interferometer and Waveguide Branches", Conference on Lasers and Electro-Optics, San Jose, United States, 13-18 May 2018, (ISBN: 9781943580422), (ISBN: 9781943580422).
HUI Jianan	#HUI Jianan, PANG Stella W., "Cell Migration on Microposts with Surface Coating and Confinements", 62nd International Conference on Electron, Ion, and Photon Beam Technology and Nanofabrication (EIPBN 2018), Wyndham Grand Rio Mar Puerto Rico Golf & Beach Resort, Rio Grande, Puerto Rico, 29 May - 01 June 2018.
HUNG Faan Hei	#HUNG Faan Hei, #WU Chung Kit, ZOU Zijie, LIU Yucheng, TSANG Kim Fung, ALAHMAD Mahmoud, #GAN Haili, #CHI Haoran, "Packet Error Rate Analysis in IoT for Industrial Air Conditioning System", Proceedings : IECON 2017 - 43rd Annual Conference of the IEEE Industrial Electronics Society, China National Convention Center, Beijing, China, 29 October - 01 November 2017, pp 8367-8370, (ISBN: 9781538611272,9781538611289).
JIN Junye	#JIN Junye, XUE Quan, "A Ka-band Waveguide Bandpass Filter Designed by Transmission Zero Resonator Pairs (TZRPs)", 2017 17th International Symposium on Communications and Information Technologies (ISCIT), Cairns, Australia, 25-27 September 2017, (ISBN: 9781509065141,9781509065158).
KHAN Sheheryar	#KHAN Sheheryar, XU Guoxia, YAN Hong, "Tensor Learning Using N-mode SVD for Dynamic Background Modelling and Subtraction", Proceedings of the 2nd Russian-Pacific Conference on Computer Technology and Applications, Vladivostok, Russian Federation, 25-29 September 2017, pp 6-10, (ISBN: 978-1-5386-1206-4 ,978-1-5386-3592-6).
LAI Chun Tak	ZHANG Xin, CHUNG Shu Hung Henry, HE Yuanbin, #LAI Chun Tak, WU Weimin, "DAH-FF Approach to Improve the Current Quality and Stability of the LCL Type Grid-Connected Inverter", 2017 IEEE Energy Conversion Congress and Exposition, ECCE 2017, Cincinnati, United States, 01-05 October 2017, pp 3390-3397, (ISBN: 9781509029976,9781509029983,9781509029990).
	HE Yuanbin, #LAI Chun Tak, CHUNG Shu Hung Henry, WU Weimin, "Comparative evaluations on three high resolution sampling schemes for digital boundary control", 2017 IEEE Energy Conversion Congress and Exposition (ECCE), Duke Energy Convention Center, Cincinnati, United States, 01-05 October 2017, pp 1451-1456, (ISBN: 978-1-5090-2998-3).

Section A: Publications of PhD Students

	# <u>LAI Chun Tak</u> , <u>CHUNG Shu Hung Henry</u> , ZHANG Xin, WU Weimin, HE yuanbin, "Use of Series Negative Impedance to Cancel the Effect of Equivalent Grid Impedance on the GridConnected Inverter Stability in the DPGS", <i>2018 IEEE Applied Power Electronics Conference and Exposition (APEC)</i> , Henry B. Gonzalez Convention Center, San Antonio, United States, 04-08 March 2018, pp 2368-2373, (ISBN: 9781538611807).
LAI Shuk Fun	# <u>LAI Shuk Fun</u> , NG Wing-Kong, TAM Wing Shan, KWOK Chi Wah, <u>WONG Hei</u> , "A Low Power CMOS Magnetic Field Sensor consisting of a MAGFET and a Pulse Width Modulated Readout Circuit", <i>IEEE EDSSC 2017 - The 13th IEEE International Conference on Electron Devices and Solid-State Circuits</i> , National Tsing Hua University and The Electronics Devices and Materials Association (EDMA), National Tsing Hua University, Hsinchu, Taiwan, 18-20 October 2017, pp 1-2, (ISBN: 9781538629079).
	# <u>LAI Shuk Fun</u> , TAM Wing Shan, KWOK Chi Wah, <u>WONG Hei</u> , "A study on split-drain MAGFET channel boundary charge trapping based on numerical simulation", <i>IEEE EDSSC 2017 - 13th IEEE International Conference on Electron Devices and Solid-State Circuits</i> , National Tsing Hua University and The Electronics Devices and Materials Association (EDMA), National Tsing Hua University, Hsinchu, Taiwan, 18-20 October 2017, (ISBN: 978-1-5386-2907-9).
LI Binghui	# <u>LI Binghui</u> , <u>CHAN Hau Ping Andy</u> , # <u>RONY Kazi Tanvir Ahmmed</u> , <u>HUANG Zhe</u> , "Compact automotive optical current sensor based on evanescent-wave scattering by ferromagnetic particles", <i>Frontiers in Optics 2017</i> , Washington Hilton, Washington, District of Columbia, USA, Washington, United States, 17-21 September 2017, (ISBN: 978-1-943580-33-0).
	# <u>RONY Kazi Tanvir Ahmmed</u> , <u>CHAN Hau Ping Andy</u> , # <u>LI Binghui</u> , <u>HUANG Zhe</u> , "Broadband Higher-Order Mode Pass Filter based on Mode Conversion", <i>2017 Opto-Electronics and Communications Conference (OECC) and Photonics Global Conference (PGC)</i> , Singapore, 31 July - 04 August 2017, (ISBN: 9781509062935,9781509062942).
	# <u>RONY Kazi Tanvir Ahmmed</u> , <u>CHAN Hau Ping Andy</u> , # <u>LI Binghui</u> , "Broadband three-mode multiplexer and demultiplexer for mode division multiplexing technology", <i>IONS KOALA 2017</i> , University of Queensland, Brisbane, Australia, 26 November - 01 December 2017.
LI Songsui	# <u>DONG Jiaxin</u> , # <u>LI Songsui</u> , <u>CHAN Sze Chun</u> , "Dynamics of Stable-Unstable Switching of a Laser Diode Subject to Feedback", <i>2017 International Symposium on Nonlinear Theory and Its Applications (NOLTA 2017)</i> , Cancún International Convention Center, Cancún, Mexico, 04-07 December 2017.
	# <u>LI Songsui</u> , # <u>DONG Jiaxin</u> , <u>CHAN Sze Chun</u> , "Chaotic time-delay signature varied by bias in a semiconductor laser with FBG feedback", <i>Asia Communications and Photonics Conference, ACPC 2017</i> , Guangzhou, Guangdong, China, 10-13 November 2017, (ISBN: 978-1-943580-34-7).
	# <u>LI Songsui</u> , # <u>DONG Jiaxin</u> , <u>ZHUANG Junping</u> , <u>CHAN Sze Chun</u> , "Noisy Frequency-Modulated Period-One Dynamics of Optically Injected Laser Diodes", <i>7th International Symposium on Physics and Applications of Laser Dynamics (IS-PALD 2017)</i> , Marriott Rive Gauche, Paris, France, 15-17 November 2017.
LIN Quanwei	MO Te, # <u>LIN Quanwei</u> , ZHANG Xiuyin, <u>WONG Hang</u> , "A dual operating mode antenna on flexible ground structures for wearable communications", <i>2017 International Applied Computational Electromagnetics Society Symposium in China (ACES-China 2017)</i> , National University of Singapore Suzhou Research Institute, Suzhou, China, 01-04 August 2017, (ISBN: 9780996007856).
	# <u>LIN Quanwei</u> , <u>WONG Hang</u> , "A low-profile wideband gradient refractive index lens antenna based on metasurface", <i>2017 International Symposium on Antennas and Propagation (ISAP)</i> , Electrical Engineering/Electronics, Computer, Communications and Information Technology Association of Thailand (ECTI), Phuket, Thailand, 30 October - 02 November 2017, (ISBN: 978-1-5386-0465-6).
LIU Mengyang	# <u>REHMAN Yasar Abbas Ur</u> , <u>PO Lai Man</u> , # <u>LIU Mengyang</u> , "Deep Learning for Face Anti-Spoofing: An End-to-End Approach", <i>2017 Signal Processing - Algorithms, Architectures, Arrangements, and Applications (SPA)</i> , Poznan University of Technology, Poznan, Poland, 20-22 September 2017, pp 195-200, (ISBN: 978-83-62065-30-1).
	# <u>LIU Mengyang</u> , <u>PO Lai Man</u> , # <u>REHMAN Yasar Abbas Ur</u> , XU Xuyuan, LI Yuming, FENG Litong, "A novel inverted index file based searching strategy for video copy detection", <i>SPA</i>

Section A: Publications of PhD Students

	2017 - <i>Signal Processing: Algorithms, Architectures, Arrangements, and Applications - Conference Proceedings</i> , Polish IEEE Circuits and Systems (CAS) Chapter, Poznan, Poland, 20-22 September 2017, pp 307-312, (ISBN: 978-83-62065-30-1).
LIU Yao	#HU Jingwei, #DAI Wangchen, #LIU Yao, CHEUNG Chak Chung Ray, "An application specific instruction set processor (ASIP) for the niederreiter cryptosystem", <i>6th International Symposium on Digital Forensic and Security</i> , ISDFS 2018 - Proceeding - Proceeding Book, Antalya, Turkey, 22-25 March 2018, (ISBN: 9781538634493).
LOU Yang	#LOU Yang, YUEN Shiu Yin Kelvin, "A Sequential Learnable Evolutionary Algorithm with a Novel Knowledge Base Generation Method", <i>Simulated Evolution and Learning</i> , Southern University of Science and Technology, Shenzhen, China, 10-13 November 2017, pp 51-61, (ISBN: 978-3-319-68758-2,978-3-319-68759-9).
	#HE Yaodong, YUEN Shiu Yin Kelvin, #LOU Yang, "A Bayesian Restarting Approach to Algorithm Selection", <i>Simulated Evolution and Learning</i> , Southern University of Science and Technology, Shenzhen, China, 10-13 November 2017, pp 397-408, (ISBN: 978-3-319-68758-2,978-3-319-68759-9).
MA Jianghong	#MA Jianghong, #FAN Jicong, WANG Wei, "Multi-label classification for images with missing labels", <i>Proceedings - 2017 IEEE 15th International Conference on Industrial Informatics (INDIN)</i> , Emden, Germany, 24-26 July 2017, pp 1050-1055, (ISBN: 9781538608371,9781538608388).
MIN Biao	#MIN Biao, #XU Zhe, CHEUNG Chak Chung Ray, "Fast HEVC Intra Coding Decision based on Statistical Cost and Corner Detection", <i>2017 International Conference on Systems, Signals and Image Processing (IWSSIP)</i> , Poznań University of Technology, Poznań, Poland, 22-24 May 2017, (ISBN: 9781509063444).
REHMAN Yasar Abbas Ur	#REHMAN Yasar Abbas Ur, PO Lai Man, #LIU Mengyang, "Deep Learning for Face Anti-Spoofing: An End-to-End Approach", <i>2017 Signal Processing - Algorithms, Architectures, Arrangements, and Applications (SPA)</i> , Poznan University of Technology, Poznan, Poland, 20-22 September 2017, pp 195-200, (ISBN: 978-83-62065-30-1).
	#LIU Mengyang, PO Lai Man, #REHMAN Yasar Abbas Ur, XU Xuyuan, LI Yuming, FENG Litong, "A novel inverted index file based searching strategy for video copy detection", <i>SPA 2017 - Signal Processing: Algorithms, Architectures, Arrangements, and Applications - Conference Proceedings</i> , Polish IEEE Circuits and Systems (CAS) Chapter, Poznan, Poland, 20-22 September 2017, pp 307-312, (ISBN: 978-83-62065-30-1).
REN Jian	#REN Jian, GUO Lei, LEUNG Kwok Wa, "Wideband circularly polarized cylindrical dielectric resonator antenna", <i>2017 IEEE Antennas and Propagation Society International Symposium - Proceedings</i> , Manchester Grand Hyatt, San Diego, United States, 09-14 July 2017, pp 1531-1532, (ISBN: 978-1-5386-3284-0).
REN Xue	#REN Xue, LIAO Shaowei, XUE Quan, BU Bin-Long, "Wideband circularly polarized antenna based on vivaldi antenna structure", <i>2017 IEEE Antennas and Propagation Society International Symposium - Proceedings</i> , Manchester Grand Hyatt, San Diego, United States, 09-14 July 2017, pp 1321-1322, (ISBN: 978-1-5386-3284-0).
REZAEI Seyedmahdi	#REZAEI Seyedmahdi, PANG Stella W., "Control of Neural Probe Flexibility by Fluidic Pressure in Embedded Microchannel using PI/PDMS Hybrid Structure", <i>43rd International Conference on Micro and Nanoengineering (mne2017)</i> , Braga, Portugal, Braga, Portugal, 18-22 September 2017.
RONY Kazi Tanvir Ahmmed	#LI Binghui, CHAN Hau Ping Andy, #RONY Kazi Tanvir Ahmmed, HUANG Zhe, "Compact automotive optical current sensor based on evanescent-wave scattering by ferromagnetic particles", <i>Frontiers in Optics 2017</i> , Washington Hilton, Washington, District of Columbia, USA, Washington, United States, 17-21 September 2017, (ISBN: 978-1-943580-33-0).
	#RONY Kazi Tanvir Ahmmed, CHAN Hau Ping Andy, #LI Binghui, HUANG Zhe, "Broadband Higher-Order Mode Pass Filter based on Mode Conversion", <i>2017 Opto-Electronics and Communications Conference (OECC) and Photonics Global Conference (PGC)</i> , Singapore, 31 July - 04 August 2017, (ISBN: 9781509062935,9781509062942).
	#RONY Kazi Tanvir Ahmmed, CHAN Hau Ping Andy, #LI Binghui, "Broadband three-mode multiplexer and demultiplexer for mode division multiplexing technology", <i>IONS KOALA 2017</i> , University of Queensland, Brisbane, Australia, 26 November - 01 December 2017.

Section A: Publications of PhD Students

SHE Qi	# <u>SHE Qi</u> , <u>CHAN Ho Man</u> , "STOCHASTIC DYNAMICAL SYSTEMS BASED LATENT STRUCTURE DISCOVERY IN HIGH-DIMENSIONAL TIME SERIES", <i>2018 IEEE International Conference on Acoustics, Speech and Signal Processing (IEEE ICASSP 2018)</i> , Calgary, Canada, 15-20 April 2018.
	# <u>SHE Qi</u> , <u>GAO Yuan</u> , <u>XU Kai</u> , <u>CHAN Ho Man</u> , "Reduced-Rank Linear Dynamical Systems", <i>32nd AAAI Conference on Artificial Intelligence (AAAI-18)</i> , Hilton New Orleans Riverside, New Orleans, United States, 02-07 February 2018.
SHEN Lifan	# <u>ZHOU Ziyao</u> , <u>YANG Zaixing</u> , # <u>YIP Sen Po</u> , # <u>LI Dapan</u> , # <u>SHEN Lifan</u> , <u>HO Johnny Chung Yin</u> , "Complementary Metal Oxide Semiconductor Compatible, High-Mobility, (111) - Oriented GaSb Nanowires Enabled by Vapor-Solid-Solid Chemical Vapor Deposition", <i>Materials Research Society Fall Meeting 2017</i> , Boston, Massachusetts, United States, 26 November - 01 December 2017.
SIDDIQI Muhammad Wajih Ullah	# <u>SIDDIQI Muhammad Wajih Ullah</u> , <u>LEE En-yuan Joshua</u> , "AlN-on-Si MEMS resonator bounded by wide acoustic bandgap two-dimensional phononic crystal anchors", <i>2018 IEEE Micro Electro Mechanical Systems (MEMS)</i> , Belfast, United Kingdom, 21-25 January 2018, pp 727-730, (ISBN: 978-1-5386-4782-0,9781538647820).
SIDDIQUI Nabeel	# <u>SIDDIQUI Nabeel</u> , <u>CHAN Ho Man</u> , "A Wearable Hand Gesture Recognition Device Based On Acoustic Measurements At Wrist", <i>Proceedings of the 39th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBS)</i> , International Convention Center, Jeju Island, Korea, Republic of, 11-15 July 2017, pp 4443-4446, (ISBN: 9781509028092).
SUN Weinong	# <u>SUN Weinong</u> , # <u>HE Yaqing</u> , <u>DIAO Yinliang</u> , <u>LEUNG Sai Wing Peter</u> , <u>SIU Yun Ming Timothy</u> , <u>KONG Yuen Chong Richard</u> , <u>LO Wai-Keung</u> , "A 3D coil structure achieving uniform magnetic field for in-vitro cell experiments", <i>2017 International Symposium on Electromagnetic Compatibility - EMC EUROPE</i> , Angers, France, 04-08 September 2017, (ISBN: 978-1-5386-0689-6).
	# <u>HE Yaqing</u> , # <u>SUN Weinong</u> , <u>LEUNG Sai Wing Peter</u> , <u>SIU Yun Ming Timothy</u> , <u>NG Kai Tat</u> , "Impact on Human Exposure to Low Frequency Radiation with Psychological and Brainwave changes", <i>2018 IEEE International Symposium on Electromagnetic Compatibility and 2018 IEEE Asia-Pacific Symposium on Electromagnetic Compatibility (EMC/APEMC)</i> , Singapore, 14-17 May 2018, pp 936-939, (ISBN: 9781509039555,9781509059966,9781509059973).
	<u>LO Wai Keung Tony</u> , <u>WONG Patrick</u> , <u>LEUNG Sai Wing Peter</u> , <u>SIU Yun Ming Timothy</u> , # <u>SUN Weinong</u> , "Analysis of Induced Voltage at Close Proximity with High Voltage Cables of Electrified Railways", <i>60th IEEE International Symposium on Electromagnetic Compatibility and 9th Asia-Pacific Symposium on Electromagnetic Compatibility, 2018 Joint IEEE EMC & APEMC Symposium</i> , Suntec Singapore Convention & Exhibition Centre, Singapore, 14-18 May 2018.
	# <u>SUN Weinong</u> , # <u>HE Yaqing</u> , <u>DIAO Yinliang</u> , <u>LEUNG Sai Wing Peter</u> , <u>SIU Yun Ming Timothy</u> , <u>KONG Yuen Chong Richard</u> , "Parametric study of impact of static magnetic field on human cell viability", <i>2018 IEEE International Symposium on Electromagnetic Compatibility and 2018 IEEE Asia-Pacific Symposium on Electromagnetic Compatibility, EMC/APEMC 2018</i> , Suntec Singapore Convention & Exhibition Centre, Singapore, 14-18 May 2018, pp 872-874, (ISBN: 9781509059973).
	<u>SADAMITSU Shinichi</u> , <u>LEUNG Sai Wing Peter</u> , <u>LO Wai Keung Tony</u> , # <u>SUN Weinong</u> , "Practical considerations of human exposure in railway systems", <i>2018 IEEE International Symposium on Electromagnetic Compatibility and 2018 IEEE Asia-Pacific Symposium on Electromagnetic Compatibility, EMC/APEMC 2018</i> , Suntec Singapore Convention & Exhibition Centre, Singapore, 14-18 May 2018, pp 28-31, (ISBN: 9781509059973).
	# <u>CHEUNG Sui Pung</u> , # <u>CHOW Po Wa</u> , # <u>FAN Wing To</u> , # <u>TUNG Chung Pui</u> , <u>CHUNG Shu Hung Henry</u> , "PWM Dimming Module Allowing Wide DC-Link Voltage Variation", <i>2018 IEEE Applied Power Electronics Conference and Exposition (APEC)</i> , Henry B. Gonzalez Convention Center, San Antonio, United States, 04-08 March 2018, pp 423-428, (ISBN: 9781538611807).
VAN LIERDE Hadrien	# <u>VAN LIERDE Hadrien</u> , <u>CHOW Wai Shing Tommy</u> , "Incorporating word embeddings in the hierarchical dirichlet process for query-oriented text summarization", <i>Proceedings - 2017</i>

Section A: Publications of PhD Students

	<i>IEEE 15th International Conference on Industrial Informatics (INDIN)</i> , Emden, Germany, 24-26 July 2017, pp 1037-1042, (ISBN: 9781538608371,9781538608388).
WANG Kaixu	<u>WONG Hang</u> , # <u>WANG Kaixu</u> , GE Lei, WANG Fa Ping, "A Wideband Millimeter-Wave CP Antenna with Gain Enhancement", <i>2017 IEEE 6th Asia-Pacific Conference on Antennas and Propagation (APCAP 2017) - Proceeding</i> , Shaanxi Guesthouse, Xi'an, China, 16-19 October 2017, pp 1-3, (ISBN: 9781538616079,9781538616086,9781538616093).
	# <u>WANG Kaixu</u> , <u>WONG Hang</u> , "A wideband CP millimeter wave antenna by using 3D printed technology", <i>2017 International Applied Computational Electromagnetics Society Symposium in China (ACES-China 2017)</i> , National University of Singapore Suzhou Research Institute, Suzhou, China, 01-04 August 2017, (ISBN: 9780996007856).
WANG Yi	# <u>WANG Yi</u> , CHEN Ke, <u>CHAN L H Leanne</u> , "Information transmission in the primary visual cortex of retinal degenerated rats", <i>2017 39th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC)</i> , International Convention Center, Jeju Island, Korea, Republic of, 11-15 July 2017, pp 3632-3635, (ISBN: 978-1-5090-2809-2,978-1-5090-2810-8).
WONG Hiu Tung	# <u>WONG Hiu Tung</u> , <u>LEUNG Chi Sing Andrew</u> , <u>KWONG Tak Wu Sam</u> , "A generalized I-ELM algorithm for handling node noise in single-hidden layer feedforward networks", <i>Neural Information Processing - 24th International Conference, ICONIP 2017, Proceedings</i> , Guangzhou, China, 14-18 November 2017, pp 424-433, (ISBN: 978-3-319-70086-1,978-3-319-70087-8).
WU Chung Kit	# <u>HUNG Faan Hei</u> , # <u>WU Chung Kit</u> , <u>ZOU Zijie</u> , <u>LIU Yucheng</u> , <u>TSANG Kim Fung</u> , <u>ALAHMAD Mahmoud</u> , # <u>GAN Haili</u> , # <u>CHI Haoran</u> , "Packet Error Rate Analysis in IoT for Industrial Air Conditioning System", <i>Proceedings : IECON 2017 - 43rd Annual Conference of the IEEE Industrial Electronics Society</i> , China National Convention Center, Beijing, China, 29 October - 01 November 2017, pp 8367-8370, (ISBN: 9781538611272,9781538611289).
	# <u>WU Chung Kit</u> , # <u>ZHU Hongxu</u> , <u>LAI Loi Lei</u> , <u>CHANG Anna S. F.</u> , <u>LI Fengjun</u> , <u>TSANG Kim Fung</u> , <u>KALAWSKY Roy</u> , "A Time-synchronized ZigBee Building Network for Smart Water Management", <i>Proceedings - 2017 IEEE 15th International Conference on Industrial Informatics (INDIN)</i> , Emden, Germany, 24-26 July 2017, pp 1219-1222, (ISBN: 978-1-5386-0837-1).
	# <u>ZHU Hongxu</u> , <u>TSANG Kim Fung</u> , # <u>WU Chung Kit</u> , # <u>CHI Haoran</u> , "An automatic RFID detection based railway identification system", <i>ISPCE 2018 - IEEE Symposium on Product Compliance Engineering, Proceedings</i> , IEEE and PSES, San Jose, United States, 14-16 May 2018, (ISBN: 978-1-5386-3432-5).
WU Fan	# <u>WU Fan</u> , <u>LUK Kwai Man</u> , "A Wideband High-Efficiency Polarization Reconfigurable Antenna for Wireless Communication", <i>2017 IEEE International Symposium on Antennas and Propagation & USNC/URSI National Radio Science Meeting</i> , Manchester Grand Hyatt, San Diego, United States, 09-14 July 2017, pp 1371-1372, (ISBN: 9781538632840).
WU Yunfei	# <u>HUANG Quandong</u> , # <u>WU Yunfei</u> , <u>JIN Wei</u> , <u>CHIANG Kin Seng</u> , "Six-Mode multiplexer with cascaded vertical asymmetric waveguide directional couplers", <i>Asia Communications and Photonics Conference, ACPC 2017</i> , Guangzhou, Guangdong, China, 10-13 November 2017, (ISBN: 978-1-943580-34-7).
	# <u>HUANG Quandong</u> , # <u>WU Yunfei</u> , <u>JIN Wei</u> , <u>CHIANG Kin Seng</u> , "Broadband Mode Router Based on Three-Dimensional Mach-Zehnder Interferometer and Waveguide Branches", <i>Conference on Lasers and Electro-Optics</i> , San Jose, United States, 13-18 May 2018, (ISBN: 9781943580422)., (ISBN: 9781943580422).
XIAO Hua	# <u>XIAO Hua</u> , <u>XIAO Xiangtian</u> , <u>WANG Kai</u> , <u>CHIANG Kin Seng</u> , "Light-emitting diode conditioned with YAG: Ce ³⁺ phosphors and CdSe/ZnS quantum dots for high color-rendering-index white-light generation", <i>Technical Digest of The Twenty-Second Microoptics Conference (MOC2017)</i> , Microoptics Group, JSAP, Institute of Industrial Science, The University of Tokyo, Tokyo, Japan, 19-22 November 2017, pp 196-197, (ISBN: 978-4-86348-609-6).
XIONG Guojun	# <u>XIONG Guojun</u> , <u>KIM Taejoon</u> , <u>LOVE David J.</u> , "Distributed filter design and power allocation for small-cell MIMO networks", <i>2017 IEEE 86th Vehicular Technology Conference (VTC Fall) - Proceedings</i> , Toronto, Canada, 24-27 September 2017, (ISBN: 978-1-5090-5935-5).

Section A: Publications of PhD Students

XU Zhe	#MIN Biao, #XU Zhe, CHEUNG Chak Chung Ray, "Fast HEVC Intra Coding Decision based on Statistical Cost and Corner Detection", <i>2017 International Conference on Systems, Signals and Image Processing (IWSSIP)</i> , Poznań University of Technology, Poznań, Poland, 22-24 May 2017, (ISBN: 9781509063444).
YEUNG Shun Cheung	#CHEUNG Sui Pung, #YEUNG Shun Cheung, CHUNG Shu Hung Henry, LO Alan Wai-Lun, WU Weimin, "A transformer-less unified power quality conditioner having fast dynamic control", <i>2017 IEEE Energy Conversion Congress and Exposition, ECCE 2017</i> , Duke Energy Convention Center, Cincinnati, United States, 01-05 October 2017, pp 2962-2968, (ISBN: 978-1-5090-2998-3).
	#FAN Wing To, #YEUNG Shun Cheung, CHUNG Shu Hung Henry, "Optimized Hybrid PWM Scheme for Mitigating Zero-crossing Distortion in Totem-Pole Bridgeless PFC", <i>APEC 2018 - Thirty-Third Annual IEEE Applied Power Electronics Conference and Exposition</i> , Henry B. Gonzalez Convention Center, San Antonio, United States, 04-08 March 2018, pp 2048-2053, (ISBN: 9781538611791,9781538611807,9781538611814).
ZHAN Xiaoqing	WANG Wenguan, CHUNG Shu Hung Henry, CHENG Ralph, LEUNG Chi Sing Andrew, #ZHAN Xiaoqing, WAI-LUN LO Alan, KWOK J., XUE Chun Jason, ZHANG Jun, "Training Neural-Network-Based Controller on Distributed Machine Learning Platform for Power Electronics Systems", <i>2017 IEEE Energy Conversion Congress and Exposition (ECCE)</i> , Duke Energy Convention Center, Cincinnati, United States, 01-05 October 2017, pp 3083-3089, (ISBN: 9781509029983).
	#ZHAN Xiaoqing, WANG Wenguan, CHUNG Shu Hung Henry, "Application of artificial neural-network to control the light of multi-color LED system", <i>2017 IEEE Energy Conversion Congress and Exposition, ECCE 2017</i> , Duke Energy Convention Center, Cincinnati, United States, 01-05 October 2017, pp 3669-3675, (ISBN: 978-1-5090-2998-3).
ZHANG Bohai	LI Yaonan, CHEN Qi-Xiong, WU Di-Si, #ZHANG Bohai, "Filtering power divider with high selectivity using modified coupled-line bandpass filter", <i>2018 IEEE MTT-S International Wireless Symposium (IWS 2018) - Proceedings</i> , University of Electronic Science and Technology of China and Southeast University, Chengdu, China, 06-09 May 2018, (ISBN: 978-1-5386-6346-2).
ZHANG Jieqiong	#ZHANG Jieqiong, WONG Hei, FILIP Valeriu, "The scaling issues of subnanometer EOT gate dielectrics for the ultimate nano CMOS technology", <i>2017 IEEE 30th International Conference on Microelectronics - Proceedings</i> , IEEE Serbia and Montenegro Section - ED/SSC Chapter, Nis, Serbia, 09-11 October 2017, pp 49-54, (ISBN: 978-1-5386-2561-3,978-1-5386-2563-7).
	WONG Hang, #ZHANG Jieqiong, IWAI H., KAKUSHIMA K., "High-K Evolution: Subnanometer EOT Challenges and Future Perspectives for Scaling", <i>Semiconductor Process Integration 10</i> , National Harbor, United States, 01-05 October 2017, pp 81-96, (ISBN: 9781607688211,9781623324643,9781623324735).
ZHANG Qingle	#ZHANG Qingle, CHEN Baojie, CHAN Chi Hou, "3D Printed V-band Rod Antenna With Constant Gain Based on Spoof Surface Plasmon Polaritons", <i>2018 11th Global Symposium on Millimeter Waves (GSMM)</i> , Boulder, United States, 22-24 May 2018, (ISBN: 9781538645840).
ZHAO Lan	ZHAO Hongya, #ZHAO Lan, YAN Hong, "A multiscale co-clustering analysis for tensor data based on slice-wise factorization", <i>5th International Conference on Algorithms for Computational Biology (AlCoB 2018)</i> , Hong Kong, 25-26 June 2018.
ZHOU Xinyu	#ZHOU Xinyu, ZHENG Shaoyong, CHAN Wing Shing, HO Derek, "Efficiency Enhanced Post-Matching Doherty Power Amplifier Based on Modified Phase Compensation Network", <i>2017 IEEE MTT-S International Microwave Symposium (IMS)</i> , Honolulu, United States, 04-09 June 2017, pp 785-788, (ISBN: 9781509063604).
ZHU Hongxu	#WU Chung Kit, #ZHU Hongxu, LAI Loi Lei, CHANG Anna S. F., LI Fengjun, TSANG Kim Fung, KALAWSKY Roy, "A Time-synchronized ZigBee Building Network for Smart Water Management", <i>Proceedings - 2017 IEEE 15th International Conference on Industrial Informatics (INDIN)</i> , Emden, Germany, 24-26 July 2017, pp 1219-1222, (ISBN: 978-1-5386-0837-1).
	#ZHU Hongxu, TSANG Kim Fung, #WU Chung Kit, #CHI Haoran, "An automatic RFID detection based railway identification system", <i>ISPCE 2018 - IEEE Symposium on Product</i>

Section A: Publications of PhD Students

	<i>Compliance Engineering, Proceedings</i> , IEEE and PSES, San Jose, United States, 14-16 May 2018, (ISBN: 978-1-5386-3432-5).
	# <u>ZHU Hongxu</u> , <u>CHANG Anna S. F.</u> , <u>KALAWSKY Roy S.</u> , <u>TSANG Kim Fung</u> , <u>HANCKE Gerhard Petrus</u> , <u>LO BELLO Lucia</u> , <u>LING Wing Kuen</u> , "Review of State-of-the-Art Wireless Technologies and Applications in Smart Cities", <i>IECON 2017 - 43rd Annual Conference of the IEEE Industrial Electronics Society</i> , China National Convention Center, Beijing, China, 29 October - 01 November 2017, pp 6187-6192, (ISBN: 978-1-5386-1127-2).
ZHU Qian	# <u>ZHU Qian</u> , <u>NG Kung Bo</u> , <u>CHAN Chi Hou</u> , "Printed circularly polarized open loop antenna array for millimeter-wave applications", <i>2017 IEEE Antennas and Propagation Society International Symposium - Proceedings</i> , Manchester Grand Hyatt, San Diego, United States, 09-14 July 2017, pp 2561-2562, (ISBN: 978-1-5386-3284-0).
ZHU Shuyan	# <u>ZHU Shuyan</u> , # <u>LI Hualin</u> , <u>YANG M</u> , <u>PANG Stella W.</u> , "Asymmetrical Three Dimensional Plasmonic Nanostructures with Multiple Resonance Modes", <i>62nd International Conference on Electron, Ion, and Photon Beam Technology and Nanofabrication (EIPBN 2018)</i> , Old San Juan, Puerto Rico, 29 May - 01 June 2018.
ZHU Ze	<u>MA Man Man Mani</u> , # <u>ZHU Ze</u> , <u>CHAN Yan Cheong</u> , "Environmental impact analysis of smartwatch using SimaPro8 tools and energy dispersive X-ray spectroscopy (EDX) technique", <i>2017 IEEE 19th Electronics Packaging Technology Conference (EPTC)</i> , Singapore, 06-09 December 2017, pp 1-6, (ISBN: 9781538630426,9781538630426).
	# <u>ZHU Ze</u> , <u>CHAN Yan Cheong</u> , <u>WU Fengshun</u> , <u>GAN Chee Lip</u> , <u>CHEN Zhong</u> , "Review on test vehicles for electromigration (EM) study in solder interconnects", <i>2017 IEEE 19th Electronics Packaging Technology Conference (EPTC)</i> , Singapore, 06-09 December 2017, (ISBN: 9781538630419,9781538630426,9781538630433).
	<u>YIP Yuk Ngang Zita</u> , # <u>ZHU Ze</u> , <u>CHAN Yan Cheong</u> , "Reliability analysis of smartwatch", <i>Proceedings - 2017 18th International Conference on Electronic Packaging Technology (ICEPT)</i> , State Key Laboratory of Advanced Welding and Joining, Harbin Institute of Technology, Heilongjiang Sun Island Garden Hotel, Harbin, China, 16-19 August 2017, pp 1011-1015, (ISBN: 978-1-5386-2972-7).
	<u>YIP Yuk Ngang Zita</u> , # <u>ZHU Ze</u> , <u>CHAN Yan Cheong</u> , "Reliability of wearable electronics-Case of water proof tests on smartwatch", <i>2017 IEEE 19th Electronics Packaging Technology Conference (EPTC)</i> , Singapore, 06-09 December 2017, (ISBN: 978-1-5386-3042-6).
ZULFIQAR Adil	<u>CHEN Yuanye</u> , # <u>ZULFIQAR Adil</u> , <u>MA Dan</u> , <u>SHI Yang</u> , <u>CHEN Jie</u> , "On delay margin bounds of discrete-time systems", <i>2017 IEEE 56th Annual Conference on Decision and Control (CDC)</i> , Melbourne Convention Center, Melbourne, Australia, 12-15 December 2017, pp 3751-3756, (ISBN: 9781509028733,9781509028740).
Patents, agreements, assignments and companies	
FAN Wing To	# <u>FAN Wing To</u> , <u>CHUNG Shu Hung Henry</u> , # <u>WANG Kewei</u> , "Power electronics", Licensing Agreement with Semiconductor, Hong Kong, 16 November 2017.
	<u>CHUNG Shu Hung Henry</u> , <u>YUEN Kuen Faat</u> , # <u>FAN Wing To</u> , An Input Filter for a Power Electronic System, Patent No.: US9,698,672, United States, 04 July 2017.
	<u>YUEN Kuen Faat</u> , # <u>FAN Wing To</u> , <u>CHUNG Shu Hung Henry</u> , Current Control Apparatus, Patent No.: 9991790B2, United States, 05 June 2018.
WANG Jia	<u>CHENG Lee Ming</u> , # <u>WANG Jia</u> , Multivariate Cryptography Based on Clipped Hopfield Neural Network, Patent No.: US9,948,460, United States, 17 April 2018.
WANG Kewei	# <u>FAN Wing To</u> , <u>CHUNG Shu Hung Henry</u> , # <u>WANG Kewei</u> , "Power electronics", Licensing Agreement with Semiconductor, Hong Kong, 16 November 2017.
YEUNG Shun Cheung	<u>CHUNG Shu Hung Henry</u> , # <u>YEUNG Shun Cheung</u> , <u>MARIN Walter</u> , 一種用於調節電源的方法, Patent No.: ZL201410521279.8, China, 09 February 2018.
All other outputs	
ALI Abid	# <u>ALI Abid</u> , <i>Electrical Characterization of Piezoelectric MEMS Resonators in Liquid Phase for Sensing Applications</i> , PhD Thesis, Department of Electronic Engineering, City University of Hong Kong, Hong Kong, PRC, 06 April 2018.

Section A: Publications of PhD Students

CAI Anliang	# <u>CAI Anliang</u> , <i>Routing and Spectrum Allocation for Multicast Traffic in Elastic Optical Networks</i> , PhD Thesis, Department of Electronic Engineering, City University of Hong Kong, Hong Kong, PRC, 20 March 2018.
CHEUNG Sui Pung	# <u>CHEUNG Sui Pung</u> , <i>Modular-based Power Quality Enhancement Technologies</i> , PhD Thesis, Department of Electronic Engineering, City University of Hong Kong, Hong Kong, PRC, 22 January 2018.
CHI Haoran	# <u>CHI Haoran</u> , <i>Analytical Development for Smart City Applications</i> , PhD Thesis, Department of Electronic Engineering, City University of Hong Kong, Hong Kong, PRC, 09 May 2018.
CHUI Kwok Tai	# <u>CHUI Kwok Tai</u> , <i>Healthcare Analysis: Cardiovascular Diseases, Drowsiness, Stress and Distraction</i> , PhD Thesis, Department of Electronic Engineering, City University of Hong Kong, Hong Kong, PRC, 18 January 2018. # <u>CHUI Kwok Tai</u> , ALHALABI Wadee, PANG Sally Shuk Han, DE PABLOS Patricia Ordóñez, LIU Ryan Wen, ZHAO Mingbo, (Book / Software Review) "Disease diagnosis in smart healthcare: Innovation, technologies and applications", <i>Sustainability</i> , 9(12), 18 December 2017, doi: https://doi.org/10.3390/su9122309 .
DAI Wangchen	# <u>DAI Wangchen</u> , <i>Spectral Arithmetic: An Efficient Approach for Modular Arithmetic and Architecture in Public-key Cryptography</i> , PhD Thesis, Department of Electronic Engineering, City University of Hong Kong, Hong Kong, PRC, 23 April 2018.
FU Yaru	# <u>FU Yaru</u> , <i>Resource Allocation for Non-orthogonal Multiple Access (NOMA) Systems</i> , PhD Thesis, Department of Electronic Engineering, City University of Hong Kong, Hong Kong, PRC, 12 March 2018.
GONG Xueqing	# <u>GONG Xueqing</u> , <i>Zigzag-decodable Codes: Constructions and Applications</i> , PhD Thesis, Department of Electronic Engineering, City University of Hong Kong, Hong Kong, PRC, 22 March 2018.
HE Yaqing	# <u>HE Yaqing</u> , Best Poster Paper Award, <i>2017 Asia-Pacific International Symposium on Electromagnetic Compatibility (APEMC)</i> , Title: Impact of Magnetic Field Generated by Wireless Power Transfer System of Electric Vehicle on Retinal Yonsei University, Korea Advanced Science and Technology (KAIST), and Korean Institute of Electromagnetic Engineering and Science (KIEES), June 2017.
HU Jingwei	# <u>HU Jingwei</u> , <i>Efficient and Secure Computations of Code Based Cryptography on Reconfigurable Hardware</i> , PhD Thesis, Department of Electronic Engineering, City University of Hong Kong, Hong Kong, PRC, 15 May 2018.
HUANG Quandong	# <u>HUANG Quandong</u> , # <u>WU Yunfei</u> , # <u>JIN Wei</u> , # <u>CHIANG Kin Seng</u> , Best Paper Award, "Six-mode multiplexer with cascaded vertical asymmetric waveguide directional couplers", 2017 Asia Communications and Photonics Conference, China, November 2017.
HUNG Faan Hei	# <u>HUNG Faan Hei</u> , IET YPEC 2017, 2nd Runner Up in Postgraduate Session in , Young Professionals Exhibition & Competition 2017, The Institution of Engineering and Technology Hong Kong, Hong Kong, 09 July 2017.
JIN Junye	# <u>JIN Junye</u> , <i>Design of Novel Waveguide Filters and Filtering Antennas</i> , PhD Thesis, Department of Electronic Engineering, City University of Hong Kong, Hong Kong, PRC, 23 May 2018.
REZAEI Seyedmahdi	# <u>REZAEI Seyedmahdi</u> , # <u>PANG Stella W.</u> , Best Poster Award, Dynamic Control of Neural Probe Flexibility by Fluidic Pressure for In-ViVo Neural Signal Recording, 2018 EE Research Student Symposium, Department of Electronic Engineering, 22 March 2018.
RONY Kazi Tanvir Ahmmed	# <u>RONY Kazi Tanvir Ahmmed</u> , IONS KOALA International Travel Grant, IONS KOALA 2017 , Australia, 26 November 2017.
SIDDIQUI Nabeel	# <u>SIDDIQUI Nabeel</u> , Second Prize in IEEE EMBS Hong Kong - Macau Joint Chapter Postgraduate Student Paper Competition 2018, IEEE EMBS Hong Kong - Macau Joint Chapter Postgraduate Student Paper Competition 2018, 16 June 2018.
SUN Huayu	# <u>SUN Huayu</u> , <i>Studies of Doping Distribution and Carbon Nanotube Reinforcement in Low Temperature Solder Joints for Advanced Electronic Packaging</i> , PhD Thesis, Department of Electronic Engineering, City University of Hong Kong, Hong Kong, PRC, 06 October 2017.
WU Yunfei	# <u>HUANG Quandong</u> , # <u>WU Yunfei</u> , # <u>JIN Wei</u> , # <u>CHIANG Kin Seng</u> , Best Paper Award, "Six-mode multiplexer with cascaded vertical asymmetric waveguide directional couplers", 2017 Asia Communications and Photonics Conference, China, November 2017.

Section A: Publications of PhD Students

XU Yuanhao	# <u>XU Yuanhao</u> , <u>PANG Stella W.</u> , Best Poster Award, Effect of Topographical Modification and Physical Confinement on Immune Response, 2018 EE Research Student Symposium, Department of Electronic Engineering, 22 March 2018.
YU Yanyan	# <u>YU Yanyan</u> , <i>Development of Segmentation and Classification Techniques for Prostate and Breast Ultrasound Image Analysis</i> , PhD Thesis, Department of Electronic Engineering, City University of Hong Kong, Hong Kong, PRC, 20 December 2017.
ZHOU Xinyu	# <u>ZHOU Xinyu</u> , Second Place Award of High efficiency power amplifier student design competition of international microwave symposium 2018, 2017 IEEE MTT-S International Microwave Symposium (IMS) in Honolulu, Hawaii on Tuesday, 6 June 2017. June 2018.
DEPARTMENT OF MATERIALS SCIENCE AND ENGINEERING	
Journal publications	
CHEN Shengmei	# <u>CHEN Shengmei</u> , # <u>CHENG Junye</u> , # <u>MA Longtao</u> , ZHOU Shanke, # <u>XU Xiuwen</u> , <u>ZHI Chunyi</u> , <u>ZHANG Wenjun</u> , ZHI Linjie, <u>ZAPIEN Juan Antonio</u> , "Light-weight 3D Co-N-doped hollow carbon spheres as efficient electrocatalysts for rechargeable zinc-air batteries", <i>Nanoscale</i> , 10(22), 20 March 2018, pp 10412-10419, doi: https://doi.org/10.1039/c8nr01140k .
	# <u>MA Longtao</u> , # <u>CHEN Shengmei</u> , # <u>PEI Zengxia</u> , HUANG Yan, # <u>LIANG Guojin</u> , # <u>MO Funian</u> , # <u>YANG Qi</u> , SU Jun, GAO Yihua, <u>ZAPIEN Juan Antonio</u> , <u>ZHI Chunyi</u> , "Single-Site Active Iron-Based Bifunctional Oxygen Catalyst for a Compressible and Rechargeable Zinc-Air Battery", <i>ACS Nano</i> , 12(2), 27 February 2018, pp 1949-1958, doi: https://doi.org/10.1021/acsnano.7b09064 .
	ZHANG Deqing, JIA Yixuan, # <u>CHENG Junye</u> , # <u>CHEN Shengmei</u> , CHAI Jixing, YANG Xiuying, WU Zhiyu, WANG Hao, <u>ZHANG Wenjun</u> , ZHAO Zhenlong, HAN Chen, CAO Maosheng, ZHENG Guang-Ping, "High-performance microwave absorption materials based on MoS ₂ -graphene isomorphic hetero-structures", <i>Journal of Alloys and Compounds</i> , 758, 18 May 2018, pp 62-71, doi: https://doi.org/10.1016/j.jallcom.2018.05.130 .
	# <u>MA Longtao</u> , # <u>CHEN Shengmei</u> , # <u>LI Hongfei</u> , RUAN Zhaoheng, # <u>TANG Zijie</u> , # <u>LIU Zhuoxin</u> , # <u>WANG Zifeng</u> , HUANG Yan, # <u>PEI Zengxia</u> , <u>ZAPIEN Juan Antonio</u> , <u>ZHI Chunyi</u> , "Initiating a mild aqueous electrolyte Co ₃ O ₄ /Zn battery with 2.2 V-high voltage and 5000-cycle lifespan by a Co(III) rich-electrode", <i>Energy and Environmental Science</i> , 18 June 2018, doi: https://doi.org/10.1039/C8EE01415A .
CHENG Ho Sum Samson	# <u>CHENG Ho Sum Samson</u> , HE Kangqiang, LIU Ying, <u>ZHA Junwei</u> , KAMRUZZAMAN Md, MA Robin Lok-Wang, DANG Zhi-Min, <u>LI Kwok Yiu Robert</u> , <u>CHUNG Chi Yuen</u> , "Electrochemical performance of all-solid-state lithium batteries using inorganic lithium garnets particulate reinforced PEO/LiClO ₄ electrolyte", <i>Electrochimica Acta</i> , 253(Supplement C), 01 November 2017, pp 430-438, doi: https://doi.org/10.1016/j.electacta.2017.08.162 .
CHENG Junye	<u>LIU Bin</u> , HE Bin, PENG Hui-Qing, ZHAO Yufei, # <u>CHENG Junye</u> , XIA Jing, <u>SHEN Jianhua</u> , <u>NG Tsz Wai</u> , MENG Xiangmin, <u>LEE Chun Sing</u> , <u>ZHANG Wenjun</u> , "Unconventional Nickel Nitride Enriched with Nitrogen Vacancies as a High-Efficiency Electrocatalyst for Hydrogen Evolution", <i>Advanced Science</i> , 5(8), 20 June 2018, doi: https://doi.org/10.1002/advs.201800406 .
	# <u>CHEN Shengmei</u> , # <u>CHENG Junye</u> , # <u>MA Longtao</u> , ZHOU Shanke, # <u>XU Xiuwen</u> , <u>ZHI Chunyi</u> , <u>ZHANG Wenjun</u> , ZHI Linjie, <u>ZAPIEN Juan Antonio</u> , "Light-weight 3D Co-N-doped hollow carbon spheres as efficient electrocatalysts for rechargeable zinc-air batteries", <i>Nanoscale</i> , 10(22), 20 March 2018, pp 10412-10419, doi: https://doi.org/10.1039/c8nr01140k .
	# <u>WU Shuilin</u> , <u>ZHANG Zhenyu</u> , LAN Minhuan, # <u>YANG Shaoran</u> , # <u>CHENG Junye</u> , # <u>CAI Junjie</u> , <u>SHEN Jianhua</u> , # <u>ZHU Ying</u> , <u>ZHANG Kaili</u> , <u>ZHANG Wenjun</u> , "Lithiophilic Cu-CuO-Ni Hybrid Structure: Advanced Current Collectors Toward Stable Lithium Metal Anodes", <i>Advanced Materials</i> , 30(9), 12 January 2018, doi: https://doi.org/10.1002/adma.201705830 .
	DONG Liubing, MA Xinpei, LI Yang, ZHAO Ling, LIU Wenbao, # <u>CHENG Junye</u> , XU Chengjun, LI Baohua, YANG Quan-Hong, KANG Feiyu, "Extremely safe, high-rate and ultralong-life zinc-ion hybrid supercapacitors", <i>Energy Storage Materials</i> , 13, 03 January 2018, pp 96-102, doi: https://doi.org/10.1016/j.ensm.2018.01.003 .
	ZHANG Deqing, JIA Yixuan, # <u>CHENG Junye</u> , # <u>CHEN Shengmei</u> , CHAI Jixing, YANG Xiuying, WU Zhiyu, WANG Hao, <u>ZHANG Wenjun</u> , ZHAO Zhenlong, HAN Chen, CAO Maosheng, ZHENG Guang-Ping, "High-performance microwave absorption materials based on MoS ₂ -

Section A: Publications of PhD Students

	graphene isomorphic hetero-structures", <i>Journal of Alloys and Compounds</i> , 758, 18 May 2018, pp 62-71, doi: https://doi.org/10.1016/j.jallcom.2018.05.130 .
	ZHANG Deqing, LIU Tingting, JIA Yixuan, CHAI Jixing, YANG Xiuying, #CHENG Junye, CAO Maosheng, "Morphology and structure of WS ₂ nanosheets prepared by solvothermal method with surfactants", <i>Integrated Ferroelectrics</i> , 188(1), 24 May 2018, pp 24-30, doi: https://doi.org/10.1080/10584587.2018.1454759 .
	XIUYING Yang, #CHENG Junye, QUANLIANG Zhao, HONGMEI Liu, DEQING Zhang, MAOSHENG Cao, "Morphology and properties of PZT nanoparticle modified PZT thick film by alternative spinning", <i>Integrated Ferroelectrics</i> , 182, 02 November 2017, pp 210-217, doi: https://doi.org/10.1080/10584587.2017.1353284 .
	YANG Xiuying, YUAN Zhihua, #CHENG Junye, YAN Eryun, WANG Wenbo, ZHANG Deqing, "Morphology characterization and the phase separation behavior of UHMWPE/recycled-PA6 blends using FTIR imaging and thermomechanical analysis", <i>Advances in Polymer Technology</i> , 02 April 2018, doi: https://doi.org/10.1002/adv.21936 .
	ZHANG Deqing, #CHENG Junye, CHAI Jixing, DENG Jiji, REN Ran, SU Yang, WANG Hao, #MA Chungqing, LEE Chun Sing, ZHANG Wenjun, ZHENG Guang-Ping, CAO Maosheng, "Magnetic-field-induced dielectric behaviors and magneto-electrical coupling of multiferroic compounds containing cobalt ferrite/barium calcium titanate composite fibers", <i>Journal of Alloys and Compounds</i> , 740, 05 April 2018, pp 1067-1076, doi: https://doi.org/10.1016/j.jallcom.2018.01.081 .
	ZHANG Zhenyu, #WU Shuilin, #CHENG Junye, ZHANG Wenjun, "MoS ₂ nanobelts with (002) plane edges-enriched flat surfaces for high-rate sodium and lithium storage", <i>Energy Storage Materials</i> , 15, 22 March 2018, pp 65-74, doi: https://doi.org/10.1016/j.ensm.2018.03.013 .
CHUNG Kam Sing	HAN Suting, PENG Haiyan, #SUN Qijun, #VENKATESH Shishir, #CHUNG Kam Sing, LAU Siu Chuen, ZHOU Ye, VELLAISAMY Arul Lenus Roy, "An Overview of the Development of Flexible Sensors", <i>Advanced Materials</i> , 29(33), 06 September 2017, doi: https://doi.org/10.1002/adma.201700375 .
DIAO Yingxue	HE Yonghe, HU Jie-Ying, #WONG Yan Lung, #DIAO Yingxue, XIAN Wan-Ru, HE Jun, ZELLER Matthias, XU Zhengtao, "Beadwork and Network: Strings of Silver Ions Stitch Large- π Pyrazolate Patches into a Two-dimensional Sheet", <i>Crystal Growth and Design</i> , 18(7), 19 June 2018, pp 3713-3718, doi: https://doi.org/10.1021/acs.cgd.8b00447 .
DONG Ranran	BIAN Haidong, #DONG Ranran, SHAO Qingguo, #WANG Shuo, YUEN Muk Fung, ZHANG Zhenyu, YU Yau Wai Denis, ZHANG Wenjun, LU Jian, LI Yangyang, "Water-enabled crystallization of mesoporous SnO ₂ as a binder-free electrode for enhanced sodium storage", <i>Journal of Materials Chemistry A</i> , 5(45), 23 October 2017, pp 23967-23975, doi: https://doi.org/10.1039/c7ta08228b .
DONG Ruoting	LAN Changyong, #DONG Ruoting, #ZHOU Ziyao, SHU Lei, #LI Dapan, #YIP Sen Po, HO Johnny Chung Yin, "Large-Scale Synthesis of Freestanding Layer-Structured PbI ₂ and MAPbI ₃ Nanosheets for High-Performance Photodetection", <i>Advanced Materials</i> , 29(39), 17 August 2017, doi: https://doi.org/10.1002/adma.201702759 .
	#DONG Ruoting, LAN Changyong, #XU Xiuwen, #LIANG Xiaoguang, HU Xiaoying, #LI Dapan, #ZHOU Ziyao, SHU Lei, #YIP Sen Po, LI Chun, TSANG Sai Wing, HO Johnny Chung Yin, "Novel Series of Quasi-2D Ruddlesden-Popper Perovskites Based on Short-Chained Spacer Cation for Enhanced Photodetection", <i>ACS applied materials & interfaces</i> , 10(22), 09 May 2018, pp 19019-19026, doi: https://doi.org/10.1021/acsami.8b03517 .
	#DONG Ruoting, LAN Changyong, #XU Xiuwen, #LIANG Xiaoguang, HU Xiaoying, #LI Dapan, #ZHOU Ziyao, SHU Lei, #YIP Sen Po, LI Chun, TSANG Sai Wing, HO Johnny Chung Yin, "A Novel Series of Quasi-2D Ruddlesden-Popper Perovskites Based on Short-Chained Spacer Cation for Enhanced Photodetection", <i>ACS applied materials & interfaces</i> , 10(22), 09 May 2018, pp 19019-19026, doi: https://doi.org/10.1021/acsami.8b03517 .
	LAN Changyong, #ZHOU Ziyao, ZHOU Zhifei, LI Chun, SHU Lei, #SHEN Lifan, #LI Dapan, #DONG Ruoting, #YIP Sen Po, HO Johnny Chung Yin, "Wafer-scale synthesis of monolayer WS ₂ for high-performance flexible photodetectors by enhanced chemical vapor

Section A: Publications of PhD Students

	deposition", <i>Nano Research</i> , 11(6), 22 May 2018, pp 3371–3384, doi: https://doi.org/10.1007/s12274-017-1941-4 .
	#LIANG Xiaoguang, #CHENG Yuanhang, #XU Xiuwen, #DONG Ruoting, #LI Dapan, #ZHOU Ziyao, #WEI Renjie, DONG Guofa, TSANG Sai Wing, HO Johnny Chung Yin, "Enhanced performance of perovskite solar cells based on vertical TiO ₂ nanotube arrays with full filling of CH ₃ NH ₃ PbI ₃ ", <i>Applied Surface Science</i> , 451, 30 April 2018, pp 250–257, doi: https://doi.org/10.1016/j.apsusc.2018.04.245 .
DU Yangyang	#YANG Xueqing, CHEN Wei, BIAN Haidong, #SUN Tianying, #DU Yangyang, ZHANG Zhenyu, ZHANG Wenjun, LI Yangyang, CHEN Xianfeng, WANG Feng, "Synthesis of Mesoporous ZIF-8 Nanoribbons and their Conversion into Carbon Nanoribbons for High-Performance Supercapacitors", <i>Chemistry - A European Journal</i> , 24(43), 28 May 2018, pp 11185-11192, doi: https://doi.org/10.1002/chem.201801869 .
DUDKA Tetiana	#SCHNEIDER Julian, #DUDKA Tetiana, #XIONG Yuan, #WANG Zhenguang, GAPONIK Nikolay, ROGACH Andrey, "Aqueous-Based Cadmium Telluride Quantum Dot/Polyurethane/Polyhedral Oligomeric Silsesquioxane Composites for Color Enhancement in Display Backlights", <i>Journal of Physical Chemistry C</i> , 122(25), 28 December 2017, pp 13391-13398, doi: https://doi.org/10.1021/acs.jpcc.7b11027 .
	#HUANG Miaoyan, ZHAO Yanling, #XIONG Wei, KERSHAW Stephen Vincent, YU Yaoguang, #LI Wan, #DUDKA Tetiana, ZHANG Ruiqin, "Collaborative enhancement of photon harvesting and charge carrier dynamics in carbon nitride photoelectrode", <i>Applied Catalysis B: Environmental</i> , 237, 19 June 2018, pp 783-790, doi: https://doi.org/10.1016/j.apcatb.2018.06.046 .
	#DUDKA Tetiana, KERSHAW Stephen Vincent, #LIN Shumin, #SCHNEIDER Julian, ROGACH Andrey, "Enhancement of the Fluorescence Quantum Yield of Thiol-Stabilized CdTe Quantum Dots Through Surface Passivation with Sodium Chloride and Bicarbonate", <i>Zeitschrift fur Physikalische Chemie</i> , 24 February 2018, doi: https://doi.org/10.1515/zpch-2018-1130 .
FOO Yishu	LIU Chaoping, #HO Chun Yuen, DOS REIS Roberto, #FOO Yishu, GUO Pengfei, ZAPIEN Juan Antonio, WALUKIEWICZ Wladek, YU Kin Man, "Room-Temperature-Synthesized High-Mobility Transparent Amorphous CdO-Ga ₂ O ₃ Alloys with Widely Tunable Electronic Bands", <i>ACS applied materials & interfaces</i> , 10(8), 28 February 2018, pp 7239-7247, doi: https://doi.org/10.1021/acsami.7b18254 .
	BEJAQUI Amina, ALONSO M. I., GARRIGA M., CAMPOY-QUILES M., GOÑI A. R., HETSCH Frederik, KERSHAW Stephen Vincent, ROGACH Andrey, TO Chap Hang Jim, #FOO Yishu, ZAPIEN Juan Antonio, "Evaluation of the dielectric function of colloidal Cd _{1-x} Hg _x Te quantum dot films by spectroscopic ellipsometry", <i>Applied Surface Science</i> , 421(Part B), 01 November 2017, pp 295-300, doi: https://doi.org/10.1016/j.apsusc.2016.09.070 .
	#FOO Yishu, ZAPIEN Juan Antonio, "Convergence and precision characteristics of finite difference time domain method for the analysis of spectroscopic ellipsometry data at oblique incidence", <i>Applied Surface Science</i> , 421(Part B), 01 November 2017, pp 878-883, doi: https://doi.org/10.1016/j.apsusc.2016.12.165 .
FU Yuqiao	#FU Yuqiao, NG Siu Pang, #QIU Guangyu, HUNG Tak Fu, WU Lawrence, LEE Chun Sing, "A redox-controlled electrolyte for plasmonic enhanced dye-sensitized solar cells", <i>Nanoscale</i> , 9(30), 06 July 2017, pp 10940-10947, doi: https://doi.org/10.1039/c7nr03506c .
GAO Wei	#GAO Wei, XIA Zhaoming, CAO Fangxian, HO Johnny Chung Yin, JIANG Zheng, QU Yongquan, "Comprehensive Understanding of the Spatial Configurations of CeO ₂ in NiO for the Electrocatalytic Oxygen Evolution Reaction: Embedded or Surface-Loaded", <i>Advanced Functional Materials</i> , 28(11), 17 January 2018, doi: https://doi.org/10.1002/adfm.201706056 .
	#GAO Wei, GOU Wangyan, ZHOU Xuemei, HO Johnny Chung Yin, MA Yuanyuan, QU Yongquan, "Amine-Modulated/Engineered Interfaces of NiMo Electrocatalysts for Improved Hydrogen Evolution Reaction in Alkaline Solutions", <i>ACS applied materials & interfaces</i> , 10(2), 17 January 2018, pp 1728-1733, doi: https://doi.org/10.1021/acsami.7b16125 .
	MA Yuanyuan, #GAO Wei, ZHANG Zhiyun, ZHANG Sai, TIAN Zhimin, LIU Yuxuan, HO Johnny Chung Yin, QU Yongquan, "Regulating the surface of nanoceria and its applications in

Section A: Publications of PhD Students

	heterogeneous catalysis", <i>Surface Science Reports</i> , 73(1), 15 February 2018, pp 1-36, doi: https://doi.org/10.1016/j.surfrep.2018.02.001 .
	#GAO Wei, YAN Ming, CHEUNG Ho Yuen, XIA Zhaoming, ZHOU Xuemei, QIN Yuanbin, WONG Chun Yuen Alex, HO Johnny Chung Yin, CHANG Chun-Ran, QU Yongquan, "Modulating electronic structure of CoP electrocatalysts towards enhanced hydrogen evolution by Ce chemical doping in both acidic and basic media", <i>Nano Energy</i> , 38, August 2017, pp 290-296, doi: https://doi.org/10.1016/j.nanoen.2017.06.002 .
	XUE Qi, #GAO Wei, ZHU Jingyi, PENG Ruili, XU Qiaozhen, CHEN Pei, CHEN Yu, "Carbon nanobowls supported ultrafine iridium nanocrystals: An active and stable electrocatalyst for the oxygen evolution reaction in acidic media", <i>Journal of Colloid and Interface Science</i> , 529, 07 June 2018, pp 325-331, doi: https://doi.org/10.1016/j.jcis.2018.06.014 .
	BIAN Luozhen, #GAO Wei, SUN Jiamin, HAN Mingming, LI Fulin, GAO Zhaofeng, SHU Lei, HAN Ning, YANG Zaixing, SONG Aimin, QU Yongquan, HO Johnny Chung Yin, "Phosphorus-Doped MoS ₂ Nanosheets Supported on Carbon Cloths as Efficient Hydrogen-Generation Electrocatalysts", <i>ChemCatChem</i> , 10(7), 30 November 2017, pp 1571-1577, doi: https://doi.org/10.1002/cctc.201701680 .
GONG Xianjing	Ji Xiaoxiao, ZENG Huihui, #GONG Xianjing, TSAI Fangchang, JIANG Tao, LI Kwok Yiu Robert, SHI Hengchong, LUAN Shifang, SHI Dean, "A Si-doped flexible self-supporting comb-like polyethylene glycol copolymer (Si-PEG) film as a polymer electrolyte for an all solid-state lithium-ion battery", <i>Journal of Materials Chemistry A</i> , 5(46), 01 November 2017, pp 24444-24452, doi: https://doi.org/10.1039/c7ta07741f .
KONG Wei	CHEN Bing, SU Qianqian, #KONG Wei, WANG Yuan, SHI Peng, WANG Feng, "Energy transfer-based biodetection using optical nanomaterials", <i>Journal of Materials Chemistry B</i> , 6(19), 11 April 2018, pp 2924-2944, doi: https://doi.org/10.1039/c8tb00614h .
	#AI Fujin, #WANG Na, ZHANG Xiaoman, #SUN Tianying, #ZHU Qi, #KONG Wei, WANG Feng, ZHU Guangyu, "An upconversion nanoplatfrom with extracellular pH-driven tumor-targeting ability for improved photodynamic therapy", <i>Nanoscale</i> , 10(9), 24 January 2018, pp 4432-4441, doi: https://doi.org/10.1039/c7nr06874c .
LI Dapan	#LI Dapan, RUOTOLO Antonio, "Photo-spin voltaic effect and photo-magnetoresistance in proximized platinum", <i>Applied Physics Letters</i> , 111(18), 30 October 2017, doi: https://doi.org/10.1063/1.5002573 .
	LAN Changyong, #DONG Ruoting, #ZHOU Ziyao, SHU Lei, #LI Dapan, #YIP Sen Po, HO Johnny Chung Yin, "Large-Scale Synthesis of Freestanding Layer-Structured PbI ₂ and MAPbI ₃ Nanosheets for High-Performance Photodetection", <i>Advanced Materials</i> , 29(39), 17 August 2017, doi: https://doi.org/10.1002/adma.201702759 .
	#DONG Ruoting, LAN Changyong, #XU Xiuwen, #LIANG Xiaoguang, HU Xiaoying, #LI Dapan, #ZHOU Ziyao, SHU Lei, #YIP Sen Po, LI Chun, TSANG Sai Wing, HO Johnny Chung Yin, "A Novel Series of Quasi-2D Ruddlesden-Popper Perovskites Based on Short-Chained Spacer Cation for Enhanced Photodetection", <i>ACS applied materials & interfaces</i> , 10(22), 09 May 2018, pp 19019-19026, doi: https://doi.org/10.1021/acsami.8b03517 .
	#ZHOU Ziyao, LAN Changyong, #YIP Sen Po, #WEI Renjie, #LI Dapan, SHU Lei, HO Johnny Chung Yin, "Towards high-mobility In ₂ Ga _{2-2x} O ₃ nanowire field-effect transistors", <i>Nano Research</i> , 14 June 2018, doi: https://doi.org/10.1007/s12274-018-2106-9 , https://doi.org/10.1007/s12274-018-2106-9 .
	#DONG Ruoting, LAN Changyong, #XU Xiuwen, #LIANG Xiaoguang, HU Xiaoying, #LI Dapan, #ZHOU Ziyao, SHU Lei, #YIP Sen Po, LI Chun, TSANG Sai Wing, HO Johnny Chung Yin, "Novel Series of Quasi-2D Ruddlesden-Popper Perovskites Based on Short-Chained Spacer Cation for Enhanced Photodetection", <i>ACS applied materials & interfaces</i> , 10(22), 09 May 2018, pp 19019-19026, doi: https://doi.org/10.1021/acsami.8b03517 .
	#SHEN Lifan, #YIP Sen Po, LAN Changyong, SHU Lei, #LI Dapan, #ZHOU Ziyao, WONG Chun Yuen Alex, PUN Yue Bun Edwin, HO Johnny Chung Yin, "Enhanced Negative Photoconductivity in InAs Nanowire Phototransistors Surface-Modified with Molecular Monolayers", <i>Advanced Materials Interfaces</i> , 5(3), 11 December 2017, doi: https://doi.org/10.1002/admi.201701104 .

Section A: Publications of PhD Students

	<p><u>LAN Changyong</u>, #ZHOU Ziyao, ZHOU Zhifei, LI Chun, <u>SHU Lei</u>, #SHEN Lifan, #LI Dapan, #DONG Ruoting, #YIP Sen Po, HO Johnny Chung Yin, "Wafer-scale synthesis of monolayer WS₂ for high-performance flexible photodetectors by enhanced chemical vapor deposition", <i>Nano Research</i>, 11(6), 22 May 2018, pp 3371–3384, doi: https://doi.org/10.1007/s12274-017-1941-4.</p> <p>#LIANG Xiaoguang, #CHENG Yuanhang, #XU Xiuwen, #DONG Ruoting, #LI Dapan, #ZHOU Ziyao, #WEI Renjie, DONG Guofa, TSANG Sai Wing, HO Johnny Chung Yin, "Enhanced performance of perovskite solar cells based on vertical TiO₂ nanotube arrays with full filling of CH₃NH₃PbI₃", <i>Applied Surface Science</i>, 451, 30 April 2018, pp 250–257, doi: https://doi.org/10.1016/j.apsusc.2018.04.245.</p>
LI Ho Wa	<p>YI HO Carr Hoi, CAO Huanyang, LU Yong, LAU Tsz-Ki, CHEUNG Sin Hang, #LI Ho Wa, YIN Hang, CHIU Ka Lok, MA Lik-Kuen, #CHENG Yuanhang, TSANG Sai Wing, LU Xinhui, SO Shu Kong, ONG Beng S., "Boosting the photovoltaic thermal stability of fullerene bulk heterojunction solar cells through charge transfer interactions", <i>Journal of Materials Chemistry A</i>, 5(45), 07 October 2017, pp 23662-23670, doi: https://doi.org/10.1039/c7ta06530b.</p> <p>GUAN Zhiqiang, #LI Ho Wa, #CHENG Yuanhang, ZHAO Yingqi, LO Ming Fai, TSANG Sai Wing, LEE Chun Sing, "Evidence on Enhanced Exciton Polarizability in Donor/Acceptor Bulk Heterojunction Organic Photovoltaics", <i>ACS applied materials & interfaces</i>, 10(8), 06 February 2018, pp 7256-7262, doi: https://doi.org/10.1021/acsami.7b15437.</p> <p>#SUN Tianying, #CHEN Xian, JIN Limin, #LI Ho Wa, CHEN Bing, FAN Bo, MOINE Bernard, QIAO Xvsheng, FAN Xianping, TSANG Sai Wing, YU Siu Fung, WANG Feng, "Broadband Ce(III)-Sensitized Quantum Cutting in Core-Shell Nanoparticles: Mechanistic Investigation and Photovoltaic Application", <i>Journal of Physical Chemistry Letters</i>, 8(20), 19 October 2017, pp 5099-5104, doi: https://doi.org/10.1021/acs.jpcclett.7b02245.</p> <p>#CHENG Yuanhang, #XU Xiuwen, #XIE Yuemin, #LI Ho Wa, #QING Jian, #MA Chunging, LEE Chun Sing, SO Franky, TSANG Sai Wing, "18% High-Efficiency Air-Processed Perovskite Solar Cells Made in a Humid Atmosphere of 70% RH", <i>SOLAR RRL</i>, 1(9), 20 July 2017, doi: https://doi.org/10.1002/solr.201700097.</p> <p>YIN Hang, BI Pengqing, CHEUNG Sin Hang, CHENG Wai Leong, CHIU Ka Lok, HO Carr Hoi Yi, #LI Ho Wa, TSANG Sai Wing, HAO Xiaotao, SO Shu Kong, "Balanced Electric Field Dependent Mobilities: A Key to Access High Fill Factors in Organic Bulk Heterojunction Solar Cells", <i>SOLAR RRL</i>, 2(4), 27 February 2018, doi: https://doi.org/10.1002/solr.201700239.</p>
LI Hongfei	<p>HUANG Yan, IP Wing Shan, LAU Yuen Ying, SUN Jinfeng, ZENG Jie, YEUNG Nga Sze Sea, NG Wing Sum, #LI Hongfei, #PEI Zengxia, #XUE Qi, #WANG Yukun, YU Jie, HU Hong, ZHI Chunyi, "Weavable, Conductive Yarn-Based NiCo//Zn Textile Battery with High Energy Density and Rate Capability", <i>ACS Nano</i>, 11(9), 16 August 2017, pp 8953-8961, doi: https://doi.org/10.1021/acsnano.7b03322.</p> <p>#XUE Qi, #PEI Zengxia, HUANG Yan, #ZHU Minshen, #TANG Zijie, #LI Hongfei, HUANG Yang, LI Na, ZHANG Haiyan, ZHI Chunyi, "Mn₃O₄ nanoparticles on layer-structured Ti₃C₂ MXene towards the oxygen reduction reaction and zinc-air batteries", <i>Journal of Materials Chemistry A</i>, 5(39), 11 September 2017, pp 20818-20823, doi: https://doi.org/10.1039/c7ta04532h.</p> <p>#WANG Zifeng, RUAN Zhaoheng, #LIU Zhuoxin, #WANG Yukun, #TANG Zijie, #LI Hongfei, #ZHU Minshen, HUNG Tak Fuk, LIU Jun, SHI Zicong, ZHI Chunyi, "A flexible rechargeable zinc-ion wire-shaped battery with shape memory function", <i>Journal of Materials Chemistry A</i>, 6(18), 05 April 2018, pp 8549-8557, doi: https://doi.org/10.1039/c8ta01172a.</p> <p>#XUE Qi, SUN Jinfeng, HUANG Yan, #ZHU Minshen, #PEI Zengxia, #LI Hongfei, #WANG Yukun, LI Na, ZHANG Haiyan, ZHI Chunyi, "Recent Progress on Flexible and Wearable Supercapacitors", <i>Small</i>, 13(45), 20 September 2017, doi: https://doi.org/10.1002/smll.201701827.</p> <p>#LIU Zhuoxin, #LI Hongfei, #ZHU Minshen, HUANG Yan, #TANG Zijie, #PEI Zengxia, #WANG Zifeng, SHI Zicong, LIU Jun, HUANG Yang, ZHI Chunyi, "Towards wearable electronic devices: A quasi-solid-state aqueous lithium-ion battery with outstanding stability,</p>

	flexibility, safety and breathability", <i>Nano Energy</i> , 44, 06 December 2017, pp 164-173, doi: https://doi.org/10.1016/j.nanoen.2017.12.006 .
	#ZHU Minshen, WANG Zhenguang, #LI Hongfei, #XIONG Yuan, #LIU Zhuoxin, #TANG Zijie, HUANG Yang, ROGACH Andrey, ZHI Chunyi, "Light-permeable, photoluminescent microbatteries embedded in the color filter of a screen", <i>Energy and Environmental Science</i> , 30 April 2018, doi: https://doi.org/10.1039/C8EE00590G .
	#LI Hongfei, #LIU Zhuoxin, #LIANG Guojin, HUANG Yang, HUANG Yan, #ZHU Minshen, #PEI Zengxia, #XUE Qi, #TANG Zijie, #WANG Yukun, LI Baohua, ZHI Chunyi, "Waterproof and Tailorable Elastic Rechargeable Yarn Zinc Ion Batteries by a Cross-Linked Polyacrylamide Electrolyte", <i>ACS Nano</i> , 12(4), 28 March 2018, pp 3140-3148, doi: https://doi.org/10.1021/acsnano.7b09003 .
	#YANG Qi, CUI Sihan, GE Yifei, #TANG Zijie, #LIU Zhuoxin, #LI Hongfei, LI Na, ZHANG Haiyan, LIANG Jianbo, ZHI Chunyi, "Porous single-crystal NaTi ₂ (PO ₄) ₃ via liquid transformation of TiO ₂ nanosheets for flexible aqueous Na-ion capacitor", <i>Nano Energy</i> , 50, 07 June 2018, pp 623-631, doi: https://doi.org/10.1016/j.nanoen.2018.06.017 .
	#TANG Zijie, #PEI Zengxia, #WANG Zifeng, #LI Hongfei, ZENG Jie, RUAN Zhaoheng, HUANG Yan, #ZHU Minshen, #XUE Qi, YU Jie, ZHI Chunyi, "Highly anisotropic, multichannel wood carbon with optimized heteroatom doping for supercapacitor and oxygen reduction reaction", <i>Carbon</i> , 130, 01 April 2018, pp 532-543, doi: https://doi.org/10.1016/j.carbon.2018.01.055 .
	#XUE Qi, GAN Haibo, HUANG Yan, #ZHU Minshen, #PEI Zengxia, #LI Hongfei, DENG Shaozhi, LIU Fei, ZHI Chunyi, "Boron Element Nanowires Electrode for Supercapacitors", <i>Advanced Energy Materials</i> , 8(20), 25 March 2018, doi: https://doi.org/10.1002/aenm.201703117 .
	#LI Hongfei, HAN Cuiping, HUANG Yan, HUANG Yang, #ZHU Minshen, #PEI Zengxia, #XUE Qi, #WANG Zifeng, #LIU Zhuoxin, #TANG Zijie, #WANG Yukun, KANG Feiyu, LI Baohua, ZHI Chunyi, "An extremely safe and wearable solid-state zinc ion battery based on a hierarchical structured polymer electrolyte", <i>Energy and Environmental Science</i> , 11(4), 12 February 2018, pp 941-951, doi: https://doi.org/10.1039/c7ee03232c .
	HUANG Yang, CHEN Wei, #LI Hongfei, #ZHU Minshen, LIU Fuwei, #XUE Qi, #PEI Zengxia, #WANG Zifeng, WANG Lei, HAUNG Yan, ZHI Chunyi, "Graphene stirrer with designed movements: Targeting on environmental remediation and supercapacitor applications", <i>Green Energy & Environment</i> , 3(1), 06 November 2017, pp 86-96, doi: https://doi.org/10.1016/j.gee.2017.10.004 .
	#MA Longtao, #CHEN Shengmei, #LI Hongfei, RUAN Zhaoheng, #TANG Zijie, #LIU Zhuoxin, #WANG Zifeng, HUANG Yan, #PEI Zengxia, ZAPIEN Juan Antonio, ZHI Chunyi, "Initiating a mild aqueous electrolyte Co ₃ O ₄ /Zn battery with 2.2 V-high voltage and 5000-cycle lifespan by a Co(III) rich-electrode", <i>Energy and Environmental Science</i> , 18 June 2018, doi: https://doi.org/10.1039/C8EE01415A .
	#PEI Zengxia, #TANG Zijie, #LIU Zhuoxin, HUANG Yan, #WANG Yukun, #LI Hongfei, #XUE Qi, #ZHU Minshen, TANG Daiming, ZHI Chunyi, "Construction of a hierarchical 3D Co/N-carbon electrocatalyst for efficient oxygen reduction and overall water splitting", <i>Journal of Materials Chemistry A</i> , 6(2), 28 November 2017, pp 489-497, doi: https://doi.org/10.1039/c7ta09254g .
LI Menglin	#XU Xiuwen, #MA Chunqing, #XIE Yuemin, #CHENG Yuanhang, TIAN Yameng, #LI Menglin, #MA Yuhui, LEE Chun Sing, TSANG Sai Wing, "Air-processed mixed-cation Cs _{0.15} FA _{0.85} PbI ₃ planar perovskite solar cells derived from a Pbl ₂ -Csl-FAl intermediate complex", <i>Journal of Materials Chemistry A</i> , 6(17), 22 March 2018, pp 7731-7740, doi: https://doi.org/10.1039/c8ta01049h .
	YU By Hyeonggeun, #CHENG Yuanhang, #LI Menglin, TSANG Sai Wing, SO Franky, "Sub-Band Gap Turn-On Near-Infrared-to-Visible Up-Conversion Device Enabled by an Organic-Inorganic Hybrid Perovskite Photovoltaic Absorber", <i>ACS applied materials & interfaces</i> , 10(18), 17 April 2018, pp 15920-15925, doi: https://doi.org/10.1021/acsmi.8b00592 .
LI Yanxiu	WANG Zhenguang, SHI Yu-e, #YANG Xuming, #XIONG Yuan, #LI Yanxiu, CHEN Bingkun, LAI Wing-Fu, ROGACH Andrey, "Water-Soluble Biocompatible Copolymer Hypromellose Grafted Chitosan Able to Load Exogenous Agents and Copper Nanoclusters with

Section A: Publications of PhD Students

	Aggregation-Induced Emission", <i>Advanced Functional Materials</i> , 28(34), 27 June 2018, doi: https://doi.org/10.1002/adfm.201802848 .
	#LI Yanxiu, HUANG He, #XIONG Yuan, KERSHAW Stephen Vincent, ROGACH Andrey, "Revealing the Formation Mechanism of CsPbBr ₃ Perovskite Nanocrystals Produced via a Slowed-Down Microwave-Assisted Synthesis", <i>Angewandte Chemie - International Edition</i> , 57(20), 19 April 2018, pp 5833-5837, doi: https://doi.org/10.1002/anie.201713332 .
LI Zhe	#LI Zhe, BIAN Haidong, LEE Chak Man, CHEN Xiaobo, LI Yangyang, "Nickel nanotube array via electroplating and dealloying", <i>Thin Solid Films</i> , 658, 08 May 2018, pp 1-6, doi: https://doi.org/10.1016/j.tsf.2018.05.015 .
LI Zhen	MENG Qiangqiang, #MA Jiale, #ZHANG Yonghui, #LI Zhen, ZHI Chunyi, HU Alice, FAN Jun, "The S-functionalized Ti ₃ C ₂ MXene as a high capacity electrode material for Na-ion batteries: a DFT study", <i>Nanoscale</i> , 10(7), 10 January 2018, pp 3385-3392, doi: https://doi.org/10.1039/c7nr07649e .
	#ZHANG Yonghui, #LI Zhen, #CHAN Chun, #MA Jiale, ZHI Chunyi, CHENG Xiaolin, FAN Jun, "Ordering of lipid membranes altered by boron nitride nanosheets", <i>Physical Chemistry Chemical Physics</i> , 20(6), 14 February 2018, pp 3903-3910, doi: https://doi.org/10.1039/c7cp07136a .
	MENG Qiangqiang, #MA Jiale, #ZHANG Yonghui, #LI Zhen, HU Alice, KAI Ji-jung, FAN Jun, "Theoretical investigation of zirconium carbide MXenes as prospective high capacity anode materials for Na-ion batteries", <i>Journal of Materials Chemistry A</i> , 6(28), 15 June 2018, pp 13652-13660, doi: https://doi.org/10.1039/c8ta04417a .
	#ZHANG Yonghui, #CHAN Chun, #LI Zhen, #MA Jiale, MENG Qiangqiang, CHENG Xiaolin, FAN Jun, "Lipid extraction by boron nitride nanosheets from liquid-ordered and liquid-disordered nanodomains", <i>Nanoscale</i> , 10(29), 21 June 2018, pp 14073-14081, doi: https://doi.org/10.1039/c8nr02018c .
	#LI Zhen, #ZHANG Yonghui, #CHAN Chun, ZHI Chunyi, CHENG Xiaolin, FAN Jun, "Temperature-Dependent Lipid Extraction from Membranes by Boron Nitride Nanosheets", <i>ACS Nano</i> , 12(3), 08 March 2018, pp 2764-2772, doi: https://doi.org/10.1021/acsnano.7b09095 .
LIANG Guojin	HUANG Yan, LIU Jie, WANG Jiaqi, HU Mengmeng, #MO Funian, #LIANG Guojin, ZHI Chunyi, "An Intrinsically Self-Healing NiCo//Zn Rechargeable Battery with a Self-Healable Ferric-Ion-Crosslinking Sodium Polyacrylate Hydrogel Electrolyte", <i>Angewandte Chemie - International Edition</i> , 57, 15 June 2018, doi: https://doi.org/10.1002/anie.201805618 .
	#MA Longtao, #CHEN Shengmei, #PEI Zengxia, HUANG Yan, #LIANG Guojin, #MO Funian, #YANG Qi, SU Jun, GAO Yihua, ZAPIEN Juan Antonio, ZHI Chunyi, "Single-Site Active Iron-Based Bifunctional Oxygen Catalyst for a Compressible and Rechargeable Zinc-Air Battery", <i>ACS Nano</i> , 12(2), 27 February 2018, pp 1949-1958, doi: https://doi.org/10.1021/acsnano.7b09064 .
	#LI Hongfei, #LIU Zhuoxin, #LIANG Guojin, HUANG Yang, HUANG Yan, #ZHU Minshen, #PEI Zengxia, #XUE Qi, #TANG Zijie, #WANG Yukun, LI Baohua, ZHI Chunyi, "Waterproof and Tailorable Elastic Rechargeable Yarn Zinc Ion Batteries by a Cross-Linked Polyacrylamide Electrolyte", <i>ACS Nano</i> , 12(4), 28 March 2018, pp 3140-3148, doi: https://doi.org/10.1021/acsnano.7b09003 .
	#LIANG Guojin, YI Ming, HU Haibo, DING Ke, WANG Lei, ZENG Haibo, TANG Jiang, LIAO Lei, NAN Cewen, HE Yunbin, YE Changhui, "Coaxial-Structured Weavable and Wearable Electroluminescent Fibers", <i>Advanced Electronic Materials</i> , 3(12), 30 October 2017, doi: https://doi.org/10.1002/aelm.201700401 .
LIANG Xiongyi	#LIANG Xiongyi, NG Siu Pang, DING Ning, WU Lawrence, "Characterization of point defects in monolayer arsenene", <i>Applied Surface Science</i> , 443, 27 February 2018, pp 74-82, doi: https://doi.org/10.1016/j.apsusc.2018.02.250 .
	#LIANG Xiongyi, NG Siu Pang, DING Ning, WU Lawrence, "Enhanced Hydrogen Purification in Nanoporous Phosphorene Membrane with Applied Electric Field", <i>Journal of Physical Chemistry C</i> , 122(6), 25 January 2018, pp 3497-3505, doi: https://doi.org/10.1021/acs.jpcc.7b12283 .

Section A: Publications of PhD Students

	<p>#LIANG Xiongyi, DING Ning, NG Siu Pang, WU Lawrence, "Adsorption of gas molecules on Ga-doped graphene and effect of applied electric field: A DFT study", <i>Applied Surface Science</i>, 411, 31 July 2017, pp 11-17, doi: https://doi.org/10.1016/j.apsusc.2017.03.178.</p> <p>YANG Yuanyuan, #LIANG Xiongyi, LI Feng, LI Shuwen, LI Xinzhe, NG Siu Pang, WU Lawrence, LI Rong, "Encapsulating Co₂P@C Core-Shell Nanoparticles in a Porous Carbon Sandwich as Dual-Doped Electrocatalyst for Hydrogen Evolution", <i>ChemSusChem</i>, 11(2), 09 January 2018, pp 376-388, doi: https://doi.org/10.1002/cssc.201701705.</p> <p>#LIANG Xiongyi, NG Siu Pang, DING Ning, WU Lawrence, "Thermal stability of NO on Ga-doped graphene and effect of external electric field", <i>Computational Materials Science</i>, 151, 10 May 2018, pp 214-221, doi: https://doi.org/10.1016/j.commatsci.2018.05.009.</p>
LIU Tao	<p>#WU Wei, #LIU Tao, HE Haibing, WU Xihu, CAO Xianwu, JIN Jia, #SUN Qijun, VELLAISAMY Arul Lenus Roy, LI Kwok Yiu Robert, "Rhological and antibacterial performance of sodium alginate/zinc oxide composite coating for cellulosic paper", <i>Colloids and Surfaces B: Biointerfaces</i>, 167, 01 May 2018, pp 538-543, doi: https://doi.org/10.1016/j.colsurfb.2018.04.058.</p>
LIU Zhuoxin	<p>#WANG Zifeng, RUAN Zhaoheng, #LIU Zhuoxin, #WANG Yukun, #TANG Zijie, #LI Hongfei, #ZHU Minshen, HUNG Tak Fuk, LIU Jun, SHI Zicong, ZHI Chunyi, "A flexible rechargeable zinc-ion wire-shaped battery with shape memory function", <i>Journal of Materials Chemistry A</i>, 6(18), 05 April 2018, pp 8549-8557, doi: https://doi.org/10.1039/c8ta01172a.</p> <p>#LIU Zhuoxin, #LI Hongfei, #ZHU Minshen, HUANG Yan, #TANG Zijie, #PEI Zengxia, #WANG Zifeng, SHI Zhicong, LIU Jun, HUANG Yang, ZHI Chunyi, "Towards wearable electronic devices: A quasi-solid-state aqueous lithium-ion battery with outstanding stability, flexibility, safety and breathability", <i>Nano Energy</i>, 44, 06 December 2017, pp 164-173, doi: https://doi.org/10.1016/j.nanoen.2017.12.006.</p> <p>#ZHU Minshen, WANG Zhenguang, #LI Hongfei, #XIONG Yuan, #LIU Zhuoxin, #TANG Zijie, HUANG Yang, ROGACH Andrey, ZHI Chunyi, "Light-permeable, photoluminescent microbatteries embedded in the color filter of a screen", <i>Energy and Environmental Science</i>, 30 April 2018, doi: https://doi.org/10.1039/C8EE00590G.</p> <p>#LI Hongfei, #LIU Zhuoxin, #LIANG Guojin, HUANG Yang, HUANG Yan, #ZHU Minshen, #PEI Zengxia, #XUE Qi, #TANG Zijie, #WANG Yukun, LI Baohua, ZHI Chunyi, "Waterproof and Tailorable Elastic Rechargeable Yarn Zinc Ion Batteries by a Cross-Linked Polyacrylamide Electrolyte", <i>ACS Nano</i>, 12(4), 28 March 2018, pp 3140-3148, doi: https://doi.org/10.1021/acsnano.7b09003.</p> <p>#YANG Qi, CUI Sihan, GE Yifei, #TANG Zijie, #LIU Zhuoxin, #LI Hongfei, LI Na, ZHANG Haiyan, LIANG Jianbo, ZHI Chunyi, "Porous single-crystal NaTi₂(PO₄)₃ via liquid transformation of TiO₂ nanosheets for flexible aqueous Na-ion capacitor", <i>Nano Energy</i>, 50, 07 June 2018, pp 623-631, doi: https://doi.org/10.1016/j.nanoen.2018.06.017.</p> <p>#LI Hongfei, HAN Cuiping, HUANG Yan, HUANG Yang, #ZHU Minshen, #PEI Zengxia, #XUE Qi, #WANG Zifeng, #LIU Zhuoxin, #TANG Zijie, #WANG Yukun, KANG Feiyu, LI Baohua, ZHI Chunyi, "An extremely safe and wearable solid-state zinc ion battery based on a hierarchical structured polymer electrolyte", <i>Energy and Environmental Science</i>, 11(4), 12 February 2018, pp 941-951, doi: https://doi.org/10.1039/c7ee03232c.</p> <p>#MA Longtao, #CHEN Shengmei, #LI Hongfei, RUAN Zhaoheng, #TANG Zijie, #LIU Zhuoxin, #WANG Zifeng, HUANG Yan, #PEI Zengxia, ZAPIEN Juan Antonio, ZHI Chunyi, "Initiating a mild aqueous electrolyte Co₃O₄/Zn battery with 2.2 V-high voltage and 5000-cycle lifespan by a Co(III) rich-electrode", <i>Energy and Environmental Science</i>, 18 June 2018, doi: https://doi.org/10.1039/C8EE01415A.</p> <p>HUANG Yan, #TANG Zijie, #LIU Zhuoxin, WEI Jun, HU Hong, ZHI Chunyi, "Toward Enhancing Wearability and Fashion of Wearable Supercapacitor with Modified Polyurethane Artificial Leather Electrolyte", <i>Nano-Micro Letters</i>, 10(3), 16 February 2018, doi: https://doi.org/10.1007/s40820-018-0191-7.</p> <p>#WANG Yukun, #PEI Zengxia, #ZHU Minshen, #LIU Zhuoxin, HUANG Yan, RUAN Zhaoheng, HUANG Yang, ZHAO Yan, DU Shanyi, ZHI Chunyi, "A Wearable Supercapacitor Engaged with Gold Leaf Gilding Cloth Toward Enhanced Practicability", <i>ACS applied materials & interfaces</i>, 10(25), 04 June 2018, pp 21297-21305, doi: https://doi.org/10.1021/acsmi.8b03780.</p>

Section A: Publications of PhD Students

	#PEI Zengxia, #TANG Zijie, #LIU Zhuoxin, HUANG Yan, #WANG Yukun, #LI Hongfei, #XUE Qi, #ZHU Minshen, TANG Daiming, ZHI Chunyi, "Construction of a hierarchical 3D Co/N-carbon electrocatalyst for efficient oxygen reduction and overall water splitting", <i>Journal of Materials Chemistry A</i> , 6(2), 28 November 2017, pp 489-497, doi: https://doi.org/10.1039/c7ta09254g .
MA Jiale	#ZHANG Yonghui, #LI Zhen, #CHAN Chun, #MA Jiale, ZHI Chunyi, CHENG Xiaolin, FAN Jun, "Ordering of lipid membranes altered by boron nitride nanosheets", <i>Physical Chemistry Chemical Physics</i> , 20(6), 14 February 2018, pp 3903-3910, doi: https://doi.org/10.1039/c7cp07136a .
	MENG Qiangqiang, #MA Jiale, #ZHANG Yonghui, #LI Zhen, ZHI Chunyi, HU Alice, FAN Jun, "The S-functionalized Ti ₃ C ₂ MXene as a high capacity electrode material for Na-ion batteries: a DFT study", <i>Nanoscale</i> , 10(7), 10 January 2018, pp 3385-3392, doi: https://doi.org/10.1039/c7nr07649e .
	MENG Qiangqiang, #MA Jiale, #ZHANG Yonghui, #LI Zhen, HU Alice, KAI Ji-jung, FAN Jun, "Theoretical investigation of zirconium carbide MXenes as prospective high capacity anode materials for Na-ion batteries", <i>Journal of Materials Chemistry A</i> , 6(28), 15 June 2018, pp 13652-13660, doi: https://doi.org/10.1039/c8ta04417a .
	#ZHANG Yonghui, #CHAN Chun, #LI Zhen, #MA Jiale, MENG Qiangqiang, CHENG Xiaolin, FAN Jun, "Lipid extraction by boron nitride nanosheets from liquid-ordered and liquid-disordered nanodomains", <i>Nanoscale</i> , 10(29), 21 June 2018, pp 14073-14081, doi: https://doi.org/10.1039/c8nr02018c .
	MA Ning, LIN Cong, WU Nian, LIU Qi, #MA Jiale, MENG Wei, WANG Xiao-Shuang, ZHANG Lu, XU Xiaohui, ZHAO Yifang, ZHUANG Lin, FAN Jun, SUN Junliang, ZHUO Ren-Xi, ZHANG Xian-Zheng, "Stomata-like metal peptide coordination polymer", <i>Journal of Materials Chemistry A</i> , 5(45), 07 December 2017, pp 23440-23445, doi: https://doi.org/10.1039/c7ta08002f .
MA Longtao	#CHEN Shengmei, #CHENG Junye, #MA Longtao, ZHOU Shanke, #XU Xiuwen, ZHI Chunyi, ZHANG Wenjun, ZHI Linjie, ZAPIEN Juan Antonio, "Light-weight 3D Co-N-doped hollow carbon spheres as efficient electrocatalysts for rechargeable zinc-air batteries", <i>Nanoscale</i> , 10(22), 20 March 2018, pp 10412-10419, doi: https://doi.org/10.1039/c8nr01140k .
	#MA Longtao, FAN Huiqing, FU Ke, LEI Shenhui, HU Qingzhao, HUANG Haitao, HE Geping, "Protonation of Graphitic Carbon Nitride (g-C ₃ N ₄) for an Electrostatically Self-Assembling Carbon@g-C ₃ N ₄ Core-Shell Nanostructure toward High Hydrogen Evolution", <i>ACS Sustainable Chemistry and Engineering</i> , 5(8), 02 July 2017, pp 7093-7103, doi: https://doi.org/10.1021/acssuschemeng.7b01312 .
	#MA Longtao, #CHEN Shengmei, #PEI Zengxia, HUANG Yan, #LIANG Guojin, #MO Funian, #YANG Qi, SU Jun, GAO Yihua, ZAPIEN Juan Antonio, ZHI Chunyi, "Single-Site Active Iron-Based Bifunctional Oxygen Catalyst for a Compressible and Rechargeable Zinc-Air Battery", <i>ACS Nano</i> , 12(2), 27 February 2018, pp 1949-1958, doi: https://doi.org/10.1021/acsnano.7b09064 .
	#MA Longtao, #CHEN Shengmei, #LI Hongfei, RUAN Zhaoheng, #TANG Zijie, #LIU Zhuoxin, #WANG Zifeng, HUANG Yan, #PEI Zengxia, ZAPIEN Juan Antonio, ZHI Chunyi, "Initiating a mild aqueous electrolyte Co ₃ O ₄ /Zn battery with 2.2 V-high voltage and 5000-cycle lifespan by a Co(III) rich-electrode", <i>Energy and Environmental Science</i> , 18 June 2018, doi: https://doi.org/10.1039/C8EE01415A .
	LEI Shenhui, FAN Huiqing, FANG Jiawen, REN Xiaohu, #MA Longtao, TIAN Hailin, "Unusual devisable high-performance perovskite materials obtained by engineering in twins, domains, and antiphase boundaries", <i>Inorganic Chemistry Frontiers</i> , 5(3), 27 December 2017, pp 568-576, doi: https://doi.org/10.1039/c7qi00711f .
MA Yuhui	#XU Xiuwen, #MA Chungqing, #XIE Yuemin, #CHENG Yuanhang, TIAN Yameng, #LI Menglin, #MA Yuhui, LEE Chun Sing, TSANG Sai Wing, "Air-processed mixed-cation Cs _{0.15} FA _{0.85} PbI ₃ planar perovskite solar cells derived from a PbI ₂ -CsI-FAI intermediate complex", <i>Journal of Materials Chemistry A</i> , 6(17), 22 March 2018, pp 7731-7740, doi: https://doi.org/10.1039/c8ta01049h .
MO Funian	HUANG Yan, LIU Jie, WANG Jiaqi, HU Mengmeng, #MO Funian, #LIANG Guojin, ZHI Chunyi, "An Intrinsically Self-Healing NiCo//Zn Rechargeable Battery with a Self-Healable Ferric-Ion-

Section A: Publications of PhD Students

	<p>Crosslinking Sodium Polyacrylate Hydrogel Electrolyte", <i>Angewandte Chemie - International Edition</i>, 57, 15 June 2018, doi: https://doi.org/10.1002/anie.201805618.</p> <p>#MA Longtao, #CHEN Shengmei, #PEI Zengxia, HUANG Yan, #LIANG Guojin, #MO Funian, #YANG Qi, SU Jun, GAO Yihua, ZAPIEN Juan Antonio, ZHI Chunyi, "Single-Site Active Iron-Based Bifunctional Oxygen Catalyst for a Compressible and Rechargeable Zinc-Air Battery", <i>ACS Nano</i>, 12(2), 27 February 2018, pp 1949-1958, doi: https://doi.org/10.1021/acsnano.7b09064.</p>
SHAHZAD Hafiz Khurram	<p>#SHAHZAD Hafiz Khurram, HUSSEIN M. A., PATEL F., AL-AQEELI N., ATIEH M. A., LAOUI Tahar, "Synthesis and characterization of alumina-CNT membrane for cadmium removal from aqueous solution", <i>Ceramics International</i>, 44(14), 22 June 2018, pp 17189-17198, doi: https://doi.org/10.1016/j.ceramint.2018.06.175.</p>
SUN Tianying	<p>#YANG Xueqing, CHEN Wei, BIAN Haidong, #SUN Tianying, #DU Yangyang, ZHANG Zhenyu, ZHANG Wenjun, LI Yangyang, CHEN Xianfeng, WANG Feng, "Synthesis of Mesoporous ZIF-8 Nanoribbons and their Conversion into Carbon Nanoribbons for High-Performance Supercapacitors", <i>Chemistry - A European Journal</i>, 24(43), 28 May 2018, pp 11185-11192, doi: https://doi.org/10.1002/chem.201801869.</p> <p>#AI Fujin, #WANG Na, ZHANG Xiaoman, #SUN Tianying, #ZHU Qi, #KONG Wei, WANG Feng, ZHU Guangyu, "An upconversion nanoplatform with extracellular pH-driven tumor-targeting ability for improved photodynamic therapy", <i>Nanoscale</i>, 10(9), 24 January 2018, pp 4432-4441, doi: https://doi.org/10.1039/c7nr06874c.</p> <p>#ZHU Qi, #SUN Tianying, #CHUNG Mei Nog, SUN Xinwen, XIAO Yao, QIAO Xvsheng, WANG Feng, "Yb³⁺-sensitized upconversion and downshifting luminescence in Nd³⁺ ions through energy migration", <i>Dalton Transactions</i>, 47(26), 12 February 2018, pp 8581-8584, doi: https://doi.org/10.1039/c8dt00218e.</p> <p>#SUN Tianying, #AI Fujin, ZHU Guangyu, WANG Feng, "Upconversion in Nanostructured Materials: From Optical Tuning to Biomedical Applications", <i>Chemistry - An Asian Journal</i>, 13(4), 17 January 2018, pp 373-385, doi: https://doi.org/10.1002/asia.201701660.</p> <p>KANG Fengwen, HE Jijun, #SUN Tianying, BAO Zhi Yong, WANG Feng, LEI Dang Yuan, "Plasmonic Dual-Enhancement and Precise Color Tuning of Gold Nanorod@SiO₂ Coupled Core-Shell-Shell Upconversion Nanocrystals", <i>Advanced Functional Materials</i>, 27(36), 17 August 2017, doi: https://doi.org/10.1002/adfm.201701842.</p> <p>#LIN Xudong, #CHEN Xian, #ZHANG Wenchong, #SUN Tianying, #FANG Peilin, LIAO Qinghai, CHEN Xi, HE Jufang, LIU Ming, WANG Feng, SHI Peng, "Core-Shell-Shell Upconversion Nanoparticles with Enhanced Emission for Wireless Optogenetic Inhibition", <i>Nano Letters</i>, 18(2), 26 December 2017, pp 948-956, doi: https://doi.org/10.1021/acs.nanolett.7b04339.</p> <p>#SUN Tianying, #CHEN Xian, JIN Limin, #LI Ho Wa, CHEN Bing, FAN Bo, MOINE Bernard, QIAO Xvsheng, FAN Xianping, TSANG Sai Wing, YU Siu Fung, WANG Feng, "Broadband Ce(III)-Sensitized Quantum Cutting in Core-Shell Nanoparticles: Mechanistic Investigation and Photovoltaic Application", <i>Journal of Physical Chemistry Letters</i>, 8(20), 19 October 2017, pp 5099-5104, doi: https://doi.org/10.1021/acs.jpcllett.7b02245.</p>
TANG Zijie	<p>#XUE Qi, #PEI Zengxia, HUANG Yan, #ZHU Minshen, #TANG Zijie, #LI Hongfei, HUANG Yang, LI Na, ZHANG Haiyan, ZHI Chunyi, "Mn₃O₄ nanoparticles on layer-structured Ti₃C₂ MXene towards the oxygen reduction reaction and zinc-air batteries", <i>Journal of Materials Chemistry A</i>, 5(39), 11 September 2017, pp 20818-20823, doi: https://doi.org/10.1039/c7ta04532h.</p> <p>#WANG Zifeng, RUAN Zhaoheng, #LIU Zhuoxin, #WANG Yukun, #TANG Zijie, #LI Hongfei, #ZHU Minshen, HUNG Tak Fuk, LIU Jun, SHI Zicong, ZHI Chunyi, "A flexible rechargeable zinc-ion wire-shaped battery with shape memory function", <i>Journal of Materials Chemistry A</i>, 6(18), 05 April 2018, pp 8549-8557, doi: https://doi.org/10.1039/c8ta01172a.</p> <p>#LIU Zhuoxin, #LI Hongfei, #ZHU Minshen, HUANG Yan, #TANG Zijie, #PEI Zengxia, #WANG Zifeng, SHI Zhicong, LIU Jun, HUANG Yang, ZHI Chunyi, "Towards wearable electronic devices: A quasi-solid-state aqueous lithium-ion battery with outstanding stability, flexibility, safety and breathability", <i>Nano Energy</i>, 44, 06 December 2017, pp 164-173, doi: https://doi.org/10.1016/j.nanoen.2017.12.006.</p> <p>HUANG Yan, ZHONG Ming, SHI Fukuan, LIU Xiaoying, #TANG Zijie, #WANG Yukun, HUANG Yang, HOU Haoqing, XIE Xuming, ZHI Chunyi, "An Intrinsically Stretchable and Compressible</p>

	Supercapacitor Containing a Polyacrylamide Hydrogel Electrolyte", <i>Angewandte Chemie - International Edition</i> , 56(31), 19 July 2017, pp 9141-9145, doi: https://doi.org/10.1002/anie.201705212 .
	#ZHU Minshen, WANG Zhenguang, #LI Hongfei, #XIONG Yuan, #LIU Zhuoxin, #TANG Zijie, HUANG Yang, ROGACH Andrey, ZHI Chunyi, "Light-permeable, photoluminescent microbatteries embedded in the color filter of a screen", <i>Energy and Environmental Science</i> , 30 April 2018, doi: https://doi.org/10.1039/C8EE00590G .
	#YANG Qi, CUI Sihan, GE Yifei, #TANG Zijie, #LIU Zhuoxin, #LI Hongfei, LI Na, ZHANG Haiyan, LIANG Jianbo, ZHI Chunyi, "Porous single-crystal NaTi ₂ (PO ₄) ₃ via liquid transformation of TiO ₂ nanosheets for flexible aqueous Na-ion capacitor", <i>Nano Energy</i> , 50, 07 June 2018, pp 623-631, doi: https://doi.org/10.1016/j.nanoen.2018.06.017 .
	#TANG Zijie, #PEI Zengxia, #WANG Zifeng, #LI Hongfei, ZENG Jie, RUAN Zhaoheng, HUANG Yan, #ZHU Minshen, #XUE Qi, YU Jie, ZHI Chunyi, "Highly anisotropic, multichannel wood carbon with optimized heteroatom doping for supercapacitor and oxygen reduction reaction", <i>Carbon</i> , 130, 01 April 2018, pp 532-543, doi: https://doi.org/10.1016/j.carbon.2018.01.055 .
	#LI Hongfei, HAN Cuiping, HUANG Yan, HUANG Yang, #ZHU Minshen, #PEI Zengxia, #XUE Qi, #WANG Zifeng, #LIU Zhuoxin, #TANG Zijie, #WANG Yukun, KANG Feiyu, LI Baohua, ZHI Chunyi, "An extremely safe and wearable solid-state zinc ion battery based on a hierarchical structured polymer electrolyte", <i>Energy and Environmental Science</i> , 11(4), 12 February 2018, pp 941-951, doi: https://doi.org/10.1039/c7ee03232c .
	#LI Hongfei, #LIU Zhuoxin, #LIANG Guojin, HUANG Yang, HUANG Yan, #ZHU Minshen, #PEI Zengxia, #XUE Qi, #TANG Zijie, #WANG Yukun, LI Baohua, ZHI Chunyi, "Waterproof and Tailorable Elastic Rechargeable Yarn Zinc Ion Batteries by a Cross-Linked Polyacrylamide Electrolyte", <i>ACS Nano</i> , 12(4), 28 March 2018, pp 3140-3148, doi: https://doi.org/10.1021/acsnano.7b09003 .
	#MA Longtao, #CHEN Shengmei, #LI Hongfei, RUAN Zhaoheng, #TANG Zijie, #LIU Zhuoxin, #WANG Zifeng, HUANG Yan, #PEI Zengxia, ZAPIEN Juan Antonio, ZHI Chunyi, "Initiating a mild aqueous electrolyte Co ₃ O ₄ /Zn battery with 2.2 V-high voltage and 5000-cycle lifespan by a Co(III) rich-electrode", <i>Energy and Environmental Science</i> , 18 June 2018, doi: https://doi.org/10.1039/C8EE01415A .
	HUANG Yan, #TANG Zijie, #LIU Zhuoxin, WEI Jun, HU Hong, ZHI Chunyi, "Toward Enhancing Wearability and Fashion of Wearable Supercapacitor with Modified Polyurethane Artificial Leather Electrolyte", <i>Nano-Micro Letters</i> , 10(3), 16 February 2018, doi: https://doi.org/10.1007/s40820-018-0191-7 .
	#PEI Zengxia, #TANG Zijie, #LIU Zhuoxin, HUANG Yan, #WANG Yukun, #LI Hongfei, #XUE Qi, #ZHU Minshen, TANG Daiming, ZHI Chunyi, "Construction of a hierarchical 3D Co/N-carbon electrocatalyst for efficient oxygen reduction and overall water splitting", <i>Journal of Materials Chemistry A</i> , 6(2), 28 November 2017, pp 489-497, doi: https://doi.org/10.1039/c7ta09254g .
VENKATESH Shishir	KANDASAMY Balamurugan, RAMAR Ganesamoorthi, ZHOU Li, HAN Suting, #VENKATESH Shishir, CHENG Shun Cheung, XU Zongxiang, KO Chi Chiu Vincent, VELLAISAMY Arul Lenus Roy, "Polypyridyl chromium(III) complexes for non-volatile memory application: Impact of the coordination sphere on memory device performance", <i>Journal of Materials Chemistry C</i> , 6(6), 10 January 2018, pp 1445-1450, doi: https://doi.org/10.1039/c7tc04986b .
	#VENKATESH Shishir, LI Tan, WANG Xiang-Sheng, YEUNG Chi Chung, PEI Ke, #SUN Qijun, #WU Wei, LI Kwok Yiu Robert, LAM Hon Wah Michael, CHAN Paddy K. L., WYLIE Jonathan James, VELLAISAMY Arul Lenus Roy, "Dual-Gated Transistor Platform for On-Site Detection of Lead Ions at Trace Levels", <i>Analytical Chemistry</i> , 90(12), 29 May 2018, pp 7399-7405, doi: https://doi.org/10.1021/acs.analchem.8b00841 .
	#SUN Qijun, #ZHUANG Jiaqing, #VENKATESH Shishir, ZHOU Ye, HAN Suting, #WU Wei, #KONG Ka Wai, LI Wen Jung, CHEN Xianfeng, LI Kwok Yiu Robert, VELLAISAMY Arul Lenus Roy, "Highly Sensitive and Ultrastable Skin Sensors for Biopressure and Bioforce Measurements Based on Hierarchical Microstructures", <i>ACS applied materials & interfaces</i> , 10(4), 18 January 2018, pp 4086-4094, doi: https://doi.org/10.1021/acsmi.7b16611 .

Section A: Publications of PhD Students

	<p>#<u>WU Wei</u>, HAN Suting, #<u>VENKATESH Shishir</u>, #<u>SUN Qijun</u>, PENG Haiyan, ZHOU Ye, <u>YEUNG Chi Chung</u>, <u>LI Kwok Yiu Robert</u>, <u>VELLAISAMY Arul Lenus Roy</u>, "Biodegradable skin-inspired nonvolatile resistive switching memory based on gold nanoparticles embedded alkali lignin", <i>Organic Electronics: physics, materials, applications</i>, 59, 30 May 2018, pp 382-388, doi: https://doi.org/10.1016/j.orgel.2018.05.051.</p> <p>#<u>VENKATESH Shishir</u>, <u>YEUNG Chi Chung</u>, #<u>SUN Qijun</u>, #<u>ZHUANG Jiaqing</u>, <u>LI Tan</u>, <u>LI Kwok Yiu Robert</u>, <u>VELLAISAMY Arul Lenus Roy</u>, "Selective and sensitive onsite detection of phthalates in common solvents", <i>Sensors and Actuators, B: Chemical</i>, 259, 18 December 2017, pp 650-657, doi: https://doi.org/10.1016/j.snb.2017.12.107.</p> <p>HAN Suting, PENG Haiyan, #<u>SUN Qijun</u>, #<u>VENKATESH Shishir</u>, #<u>CHUNG Kam Sing</u>, <u>LAU Siu Chuen</u>, ZHOU Ye, <u>VELLAISAMY Arul Lenus Roy</u>, "An Overview of the Development of Flexible Sensors", <i>Advanced Materials</i>, 29(33), 06 September 2017, doi: https://doi.org/10.1002/adma.201700375.</p>
WANG Aiwu	<p>FU Li, #<u>WANG Aiwu</u>, LAI Guosong, LIN Cheng-Te, YU Jinhong, YU Aimin, LIU Zhong, XIE Kefeng, SU Weitao, "A glassy carbon electrode modified with N-doped carbon dots for improved detection of hydrogen peroxide and paracetamol", <i>Mikrochimica Acta</i>, 185, 08 January 2018, doi: https://doi.org/10.1007/s00604-017-2646-9.</p> <p>FU Li, LIU Zhong, HUANG Yong, LAI Guosong, ZHANG Huaiwei, SU Weitao, YU Jinhong, #<u>WANG Aiwu</u>, LIN Cheng-Te, YU Aimin, "Square wave voltammetric quantitative determination of flavonoid luteolin in peanut hulls and <i>Perilla</i> based on Au NPs loaded boron nitride nanosheets", <i>Journal of Electroanalytical Chemistry</i>, 817, 04 April 2018, pp 128-133, doi: https://doi.org/10.1016/j.jelechem.2018.04.009.</p> <p>FU Li, #<u>WANG Aiwu</u>, LYV Fucong, LAI Guosong, ZHANG Huaiwei, YU Jinhong, LIN Cheng-Te, YU Aimin, SU Weitao, "Electrochemical antioxidant screening based on a chitosan hydrogel", <i>Bioelectrochemistry</i>, 121, 27 December 2017, pp 7-10, doi: https://doi.org/10.1016/j.bioelechem.2017.12.013.</p> <p>FU Li, #<u>WANG Aiwu</u>, LAI Guosong, SU Weitao, MALHERBE François, YU Jinhong, LIN Cheng-Te, YU Aimin, "Defects regulating of graphene ink for electrochemical determination of ascorbic acid, dopamine and uric acid", <i>Talanta</i>, 180, 20 December 2017, pp 248-253, doi: https://doi.org/10.1016/j.talanta.2017.12.058.</p> <p>FU Li, #<u>WANG Aiwu</u>, #<u>LYU Fucong</u>, LAI Guosong, YU Jinhong, LIN Cheng-Te, LIU Zhong, YU Aimin, SU Weitao, "A solid-state electrochemical sensing platform based on a supramolecular hydrogel", <i>Sensors and Actuators, B: Chemical</i>, 262, 05 February 2018, pp 326-333, doi: https://doi.org/10.1016/j.snb.2018.02.029.</p> <p>FU Li, #<u>WANG Aiwu</u>, SU Weitao, ZHENG Yuhong, LIU Zhong, "A rapid electrochemical sensor fabricated using silver ions and graphene oxide", <i>Ionics</i>, 24(9), 04 January 2018, pp 2821-2827, doi: https://doi.org/10.1007/s11581-017-2413-2.</p> <p>FU Li, #<u>XIAO Xufen</u>, #<u>WANG Aiwu</u>, "Reduced graphene oxide coupled with g-C₃N₄ nanodots as 2D/0D nanocomposites for enhanced photocatalytic activity", <i>Journal of Physics and Chemistry of Solids</i>, 122, 18 June 2018, pp 104-108, doi: https://doi.org/10.1016/j.jpccs.2018.06.023.</p>
WANG Yukun	<p><u>HUANG Yan</u>, IP Wing Shan, LAU Yuen Ying, SUN Jinfeng, ZENG Jie, YEUNG Nga Sze Sea, NG Wing Sum, #<u>LI Hongfei</u>, #<u>PEI Zengxia</u>, #<u>XUE Qi</u>, #<u>WANG Yukun</u>, YU Jie, HU Hong, <u>ZHI Chunyi</u>, "Weavable, Conductive Yarn-Based NiCo//Zn Textile Battery with High Energy Density and Rate Capability", <i>ACS Nano</i>, 11(9), 16 August 2017, pp 8953-8961, doi: https://doi.org/10.1021/acsnano.7b03322.</p> <p>#<u>XUE Qi</u>, SUN Jinfeng, <u>HUANG Yan</u>, #<u>ZHU Minshen</u>, #<u>PEI Zengxia</u>, #<u>LI Hongfei</u>, #<u>WANG Yukun</u>, LI Na, ZHANG Haiyan, <u>ZHI Chunyi</u>, "Recent Progress on Flexible and Wearable Supercapacitors", <i>Small</i>, 13(45), 20 September 2017, doi: https://doi.org/10.1002/smll.201701827.</p> <p>#<u>WANG Zifeng</u>, <u>RUAN Zhaoheng</u>, #<u>LIU Zhuoxin</u>, #<u>WANG Yukun</u>, #<u>TANG Zijie</u>, #<u>LI Hongfei</u>, #<u>ZHU Minshen</u>, HUNG Tak Fuk, LIU Jun, SHI Zicong, <u>ZHI Chunyi</u>, "A flexible rechargeable zinc-ion wire-shaped battery with shape memory function", <i>Journal of Materials Chemistry A</i>, 6(18), 05 April 2018, pp 8549-8557, doi: https://doi.org/10.1039/c8ta01172a.</p> <p><u>HUANG Yan</u>, ZHONG Ming, SHI Fukuan, LIU Xiaoying, #<u>TANG Zijie</u>, #<u>WANG Yukun</u>, HUANG Yang, HOU Haoqing, XIE Xuming, <u>ZHI Chunyi</u>, "An Intrinsically Stretchable and Compressible</p>

	Supercapacitor Containing a Polyacrylamide Hydrogel Electrolyte", <i>Angewandte Chemie - International Edition</i> , 56(31), 19 July 2017, pp 9141-9145, doi: https://doi.org/10.1002/anie.201705212 .
	# <u>LI Hongfei</u> , HAN Cuiping, <u>HUANG Yan</u> , HUANG Yang, # <u>ZHU Minshen</u> , # <u>PEI Zengxia</u> , # <u>XUE Qi</u> , # <u>WANG Zifeng</u> , # <u>LIU Zhuoxin</u> , # <u>TANG Zijie</u> , # <u>WANG Yukun</u> , KANG Feiyu, LI Baohua, <u>ZHI Chunyi</u> , "An extremely safe and wearable solid-state zinc ion battery based on a hierarchical structured polymer electrolyte", <i>Energy and Environmental Science</i> , 11(4), 12 February 2018, pp 941-951, doi: https://doi.org/10.1039/c7ee03232c .
	# <u>LI Hongfei</u> , # <u>LIU Zhuoxin</u> , # <u>LIANG Guojin</u> , HUANG Yang, HUANG Yan, # <u>ZHU Minshen</u> , # <u>PEI Zengxia</u> , # <u>XUE Qi</u> , # <u>TANG Zijie</u> , # <u>WANG Yukun</u> , LI Baohua, <u>ZHI Chunyi</u> , "Waterproof and Tailorable Elastic Rechargeable Yarn Zinc Ion Batteries by a Cross-Linked Polyacrylamide Electrolyte", <i>ACS Nano</i> , 12(4), 28 March 2018, pp 3140-3148, doi: https://doi.org/10.1021/acsnano.7b09003 .
	# <u>WANG Yukun</u> , # <u>PEI Zengxia</u> , # <u>ZHU Minshen</u> , # <u>LIU Zhuoxin</u> , HUANG Yan, <u>RUAN Zhaoheng</u> , HUANG Yang, ZHAO Yan, DU Shanyi, <u>ZHI Chunyi</u> , "A Wearable Supercapacitor Engaged with Gold Leaf Gilding Cloth Toward Enhanced Practicability", <i>ACS applied materials & interfaces</i> , 10(25), 04 June 2018, pp 21297-21305, doi: https://doi.org/10.1021/acsam.8b03780 .
	# <u>PEI Zengxia</u> , # <u>TANG Zijie</u> , # <u>LIU Zhuoxin</u> , HUANG Yan, # <u>WANG Yukun</u> , # <u>LI Hongfei</u> , # <u>XUE Qi</u> , # <u>ZHU Minshen</u> , TANG Daiming, <u>ZHI Chunyi</u> , "Construction of a hierarchical 3D Co/N-carbon electrocatalyst for efficient oxygen reduction and overall water splitting", <i>Journal of Materials Chemistry A</i> , 6(2), 28 November 2017, pp 489-497, doi: https://doi.org/10.1039/c7ta09254g .
WANG Zifeng	# <u>WANG Zifeng</u> , <u>RUAN Zhaoheng</u> , # <u>LIU Zhuoxin</u> , # <u>WANG Yukun</u> , # <u>TANG Zijie</u> , # <u>LI Hongfei</u> , # <u>ZHU Minshen</u> , HUNG Tak Fuk, LIU Jun, SHI Zicong, <u>ZHI Chunyi</u> , "A flexible rechargeable zinc-ion wire-shaped battery with shape memory function", <i>Journal of Materials Chemistry A</i> , 6(18), 05 April 2018, pp 8549-8557, doi: https://doi.org/10.1039/c8ta01172a .
	# <u>LIU Zhuoxin</u> , # <u>LI Hongfei</u> , # <u>ZHU Minshen</u> , HUANG Yan, # <u>TANG Zijie</u> , # <u>PEI Zengxia</u> , # <u>WANG Zifeng</u> , SHI Zhicong, LIU Jun, HUANG Yang, <u>ZHI Chunyi</u> , "Towards wearable electronic devices: A quasi-solid-state aqueous lithium-ion battery with outstanding stability, flexibility, safety and breathability", <i>Nano Energy</i> , 44, 06 December 2017, pp 164-173, doi: https://doi.org/10.1016/j.nanoen.2017.12.006 .
	# <u>TANG Zijie</u> , # <u>PEI Zengxia</u> , # <u>WANG Zifeng</u> , # <u>LI Hongfei</u> , ZENG Jie, <u>RUAN Zhaoheng</u> , HUANG Yan, # <u>ZHU Minshen</u> , # <u>XUE Qi</u> , YU Jie, <u>ZHI Chunyi</u> , "Highly anisotropic, multichannel wood carbon with optimized heteroatom doping for supercapacitor and oxygen reduction reaction", <i>Carbon</i> , 130, 01 April 2018, pp 532-543, doi: https://doi.org/10.1016/j.carbon.2018.01.055 .
	# <u>LI Hongfei</u> , HAN Cuiping, <u>HUANG Yan</u> , HUANG Yang, # <u>ZHU Minshen</u> , # <u>PEI Zengxia</u> , # <u>XUE Qi</u> , # <u>WANG Zifeng</u> , # <u>LIU Zhuoxin</u> , # <u>TANG Zijie</u> , # <u>WANG Yukun</u> , KANG Feiyu, LI Baohua, <u>ZHI Chunyi</u> , "An extremely safe and wearable solid-state zinc ion battery based on a hierarchical structured polymer electrolyte", <i>Energy and Environmental Science</i> , 11(4), 12 February 2018, pp 941-951, doi: https://doi.org/10.1039/c7ee03232c .
	<u>HUANG Yang</u> , CHEN Wei, # <u>LI Hongfei</u> , # <u>ZHU Minshen</u> , LIU Fuwei, # <u>XUE Qi</u> , # <u>PEI Zengxia</u> , # <u>WANG Zifeng</u> , WANG Lei, HAUNG Yan, <u>ZHI Chunyi</u> , "Graphene stirrer with designed movements: Targeting on environmental remediation and supercapacitor applications", <i>Green Energy & Environment</i> , 3(1), 06 November 2017, pp 86-96, doi: https://doi.org/10.1016/j.gee.2017.10.004 .
	# <u>MA Longtao</u> , # <u>CHEN Shengmei</u> , # <u>LI Hongfei</u> , <u>RUAN Zhaoheng</u> , # <u>TANG Zijie</u> , # <u>LIU Zhuoxin</u> , # <u>WANG Zifeng</u> , HUANG Yan, # <u>PEI Zengxia</u> , ZAPIEN Juan Antonio, <u>ZHI Chunyi</u> , "Initiating a mild aqueous electrolyte Co ₃ O ₄ /Zn battery with 2.2 V-high voltage and 5000-cycle lifespan by a Co(III) rich-electrode", <i>Energy and Environmental Science</i> , 18 June 2018, doi: https://doi.org/10.1039/C8EE01415A .
WEI Liping	# <u>WEI Liping</u> , # <u>YAN Wenrong</u> , HO Derek, "Recent advances in fluorescence lifetime analytical microsystems: Contact optics and CMOS time-resolved electronics", <i>Sensors</i> , 17(12), 04 December 2017, doi: https://doi.org/10.3390/s17122800 .

Section A: Publications of PhD Students

<p>WEI Renjie</p>	<p>#ZHOU Ziyao, LAN Changyong, #YIP Sen Po, #WEI Renjie, #LI Dapan, SHU Lei, HO Johnny Chung Yin, "Towards high-mobility $\text{In}_{2x}\text{Ga}_{2-2x}\text{O}_3$ nanowire field-effect transistors", <i>Nano Research</i>, 14 June 2018, doi: https://doi.org/10.1007/s12274-018-2106-9, https://doi.org/10.1007/s12274-018-2106-9.</p> <p>#LIANG Xiaoguang, #CHENG Yuanhang, #XU Xiuwen, #DONG Ruoting, #LI Dapan, #ZHOU Ziyao, #WEI Renjie, DONG Guofa, TSANG Sai Wing, HO Johnny Chung Yin, "Enhanced performance of perovskite solar cells based on vertical TiO_2 nanotube arrays with full filling of $\text{CH}_3\text{NH}_3\text{PbI}_3$", <i>Applied Surface Science</i>, 451, 30 April 2018, pp 250–257, doi: https://doi.org/10.1016/j.apsusc.2018.04.245.</p> <p>FANG Ming, DONG Guofa, #WEI Renjie, HO Johnny Chung Yin, "Hierarchical Nanostructures: Design for Sustainable Water Splitting", <i>Advanced Energy Materials</i>, 7(23), 17 July 2017, doi: https://doi.org/10.1002/aenm.201700559.</p> <p>#WEI Renjie, FANG Ming, DONG Guofa, LAN Changyong, SHU Lei, #ZHANG Heng, #BU Xiuming, HO Johnny Chung Yin, "High-Index Faceted Porous Co_3O_4 Nanosheets with Oxygen Vacancies for Highly Efficient Water Oxidation", <i>ACS applied materials & interfaces</i>, 10(8), 06 February 2018, pp 7079–7086, doi: https://doi.org/10.1021/acsami.7b18208.</p>
<p>WU Wei</p>	<p>#WU Wei, #LIU Tao, HE Haibing, WU Xihu, CAO Xianwu, JIN Jia, #SUN Qijun, VELLAISAMY Arul Lenus Roy, LI Kwok Yiu Robert, "Rhological and antibacterial performance of sodium alginate/zinc oxide composite coating for cellulosic paper", <i>Colloids and Surfaces B: Biointerfaces</i>, 167, 01 May 2018, pp 538-543, doi: https://doi.org/10.1016/j.colsurfb.2018.04.058.</p> <p>PENG Haiyan, YAN Yan, YANG Yingkui, ZHOU Li, #WU Wei, #SUN Qijun, #ZHUANG Jiaqing, HAN Suting, KO Chi Chiu Vincent, XU Zongxiang, XIE Xiaolin, LI Kwok Yiu Robert, VELLAISAMY Arul Lenus Roy, "Interface Engineering via Photopolymerization-Induced Phase Separation for Flexible UV-Responsive Phototransistors", <i>ACS applied materials & interfaces</i>, 10(8), 07 February 2018, pp 7487-7496, doi: https://doi.org/10.1021/acsami.7b19371.</p> <p>#VENKATESH Shishir, LI Tan, WANG Xiang-Sheng, YEUNG Chi Chung, PEI Ke, #SUN Qijun, #WU Wei, LI Kwok Yiu Robert, LAM Hon Wah Michael, CHAN Paddy K. L., WYLIE Jonathan James, VELLAISAMY Arul Lenus Roy, "Dual-Gated Transistor Platform for On-Site Detection of Lead Ions at Trace Levels", <i>Analytical Chemistry</i>, 90(12), 29 May 2018, pp 7399-7405, doi: https://doi.org/10.1021/acs.analchem.8b00841.</p> <p>#SUN Qijun, #ZHUANG Jiaqing, #VENKATESH Shishir, ZHOU Ye, HAN Suting, #WU Wei, #KONG Ka Wai, LI Wen Jung, CHEN Xianfeng, LI Kwok Yiu Robert, VELLAISAMY Arul Lenus Roy, "Highly Sensitive and Ultrastable Skin Sensors for Biopressure and Bioforce Measurements Based on Hierarchical Microstructures", <i>ACS applied materials & interfaces</i>, 10(4), 18 January 2018, pp 4086-4094, doi: https://doi.org/10.1021/acsami.7b16611.</p> <p>#WU Wei, HAN Suting, #VENKATESH Shishir, #SUN Qijun, PENG Haiyan, ZHOU Ye, YEUNG Chi Chung, LI Kwok Yiu Robert, VELLAISAMY Arul Lenus Roy, "Biodegradable skin-inspired nonvolatile resistive switching memory based on gold nanoparticles embedded alkali lignin", <i>Organic Electronics: physics, materials, applications</i>, 59, 30 May 2018, pp 382-388, doi: https://doi.org/10.1016/j.orgel.2018.05.051.</p>
<p>XIAO Xufen</p>	<p>FU Li, #XIAO Xufen, #WANG Aiwu, "Reduced graphene oxide coupled with $\text{g-C}_3\text{N}_4$ nanodots as 2D/0D nanocomposites for enhanced photocatalytic activity", <i>Journal of Physics and Chemistry of Solids</i>, 122, 18 June 2018, pp 104-108, doi: https://doi.org/10.1016/j.jpccs.2018.06.023.</p>
<p>XIE Yuemin</p>	<p>#XU Xiuwen, #MA Chungqing, #XIE Yuemin, #CHENG Yuanhang, TIAN Yameng, #LI Menglin, #MA Yuhui, LEE Chun Sing, TSANG Sai Wing, "Air-processed mixed-cation $\text{Cs}_{0.15}\text{FA}_{0.85}\text{PbI}_3$ planar perovskite solar cells derived from a PbI_2-CsI-FAI intermediate complex", <i>Journal of Materials Chemistry A</i>, 6(17), 22 March 2018, pp 7731-7740, doi: https://doi.org/10.1039/c8ta01049h.</p> <p>#XIE Yuemin, YU Binbin, #MA Chungqing, #XU Xiuwen, #CHENG Yuanhang, YUAN Shuai, WANG Zhao-Kui, #THACHOTH CHANDRAN Hrisheekesh, LEE Chun Sing, LIAO Liang-Sheng, TSANG Sai Wing, "Direct observation of cation-exchange in liquid-to-solid phase transformation in $\text{FA}_{1-x}\text{MA}_x\text{PbI}_3$ based perovskite solar cells", <i>Journal of Materials Chemistry A</i>, 6(19), 11 April 2018, pp 9081-9088, doi: https://doi.org/10.1039/c8ta01642a.</p>

Section A: Publications of PhD Students

	<p>#CHENG Yuanhang, #XU Xiuwen, #XIE Yuemin, #LI Ho Wa, #QING Jian, #MA Chungqing, LEE Chun Sing, SO Franky, TSANG Sai Wing, "18% High-Efficiency Air-Processed Perovskite Solar Cells Made in a Humid Atmosphere of 70% RH", <i>SOLAR RRL</i>, 1(9), 20 July 2017, doi: https://doi.org/10.1002/solr.201700097.</p>
	<p>#XIE Yuemin, SUN Qi, ZHU Tao, CUI Lin-Song, LIANG Feng, TSANG Sai Wing, FUNG Man-Keung, LIAO Liang-Sheng, "Solution processable small molecule based organic light-emitting devices prepared by dip-coating method", <i>Organic Electronics: physics, materials, applications</i>, 55, 06 January 2018, pp 1-5, doi: https://doi.org/10.1016/j.orgel.2018.01.005.</p>
XIONG Yuan	<p>#SCHNEIDER Julian, #DUDKA Tetiana, #XIONG Yuan, #WANG Zhenguang, GAPONIK Nikolay, ROGACH Andrey, "Aqueous-Based Cadmium Telluride Quantum Dot/Polyurethane/Polyhedral Oligomeric Silsesquioxane Composites for Color Enhancement in Display Backlights", <i>Journal of Physical Chemistry C</i>, 122(25), 28 December 2017, pp 13391-13398, doi: https://doi.org/10.1021/acs.jpcc.7b11027.</p>
	<p>WANG Zhenguang, SHI Yu-e, #YANG Xuming, #XIONG Yuan, #LI Yanxiu, CHEN Bingkun, LAI Wing-Fu, ROGACH Andrey, "Water-Soluble Biocompatible Copolymer Hypromellose Grafted Chitosan Able to Load Exogenous Agents and Copper Nanoclusters with Aggregation-Induced Emission", <i>Advanced Functional Materials</i>, 28(34), 27 June 2018, doi: https://doi.org/10.1002/adfm.201802848.</p>
	<p>#XIONG Yuan, #SCHNEIDER Julian, RECKMEIER Claas Julian, #HUANG He, KASÁK Peter, ROGACH Andrey, "Carbonization conditions influence the emission characteristics and the stability against photobleaching of nitrogen doped carbon dots", <i>Nanoscale</i>, 9(32), 28 August 2017, pp 11730-11738, doi: https://doi.org/10.1039/c7nr03648e.</p>
	<p>#WANG Zhenguang, #XIONG Yuan, KERSHAW Stephen Vincent, CHEN Bingkun, #YANG Xuming, GOSWAMI Nirmal, LAI Wing-Fu, XIE Jianping, ROGACH Andrey, "In Situ Fabrication of Flexible, Thermally Stable, Large-Area, Strongly Luminescent Copper Nanocluster/Polymer Composite Films", <i>Chemistry of Materials</i>, 29(23), 30 November 2017, pp 10206-10211, doi: https://doi.org/10.1021/acs.chemmater.7b04239.</p>
	<p>RECKMEIER Claas Julian, #SCHNEIDER Julian, #XIONG Yuan, HÄUSLER Jonas, KASÁK Peter, SCHNICK Wolfgang, ROGACH Andrey, "Aggregated Molecular Fluorophores in the Ammonothermal Synthesis of Carbon Dots", <i>Chemistry of Materials</i>, 29(24), 13 December 2017, pp 10352-10361, doi: https://doi.org/10.1021/acs.chemmater.7b03344.</p>
	<p>#ZHU Minshen, WANG Zhenguang, #LI Hongfei, #XIONG Yuan, #LIU Zhuoxin, #TANG Zijie, HUANG Yang, ROGACH Andrey, ZHI Chunyi, "Light-permeable, photoluminescent microbatteries embedded in the color filter of a screen", <i>Energy and Environmental Science</i>, 30 April 2018, doi: https://doi.org/10.1039/C8EE00590G.</p>
	<p>#XIONG Yuan, #ZHU Minshen, #WANG Zhenguang, #SCHNEIDER Julian, #HUANG He, KERSHAW Stephen Vincent, ZHI Chunyi, ROGACH Andrey, "A Building Brick Principle to Create Transparent Composite Films with Multicolor Emission and Self-Healing Function", <i>Small</i>, 14(20), 25 March 2018, doi: https://doi.org/10.1002/smll.201800315.</p>
	<p>#LI Yanxiu, HUANG He, #XIONG Yuan, KERSHAW Stephen Vincent, ROGACH Andrey, "Revealing the Formation Mechanism of CsPbBr₃ Perovskite Nanocrystals Produced via a Slowed-Down Microwave-Assisted Synthesis", <i>Angewandte Chemie - International Edition</i>, 57(20), 19 April 2018, pp 5833-5837, doi: https://doi.org/10.1002/anie.201713332.</p>
	<p>#ABDELAZIM Nema Mohamed Safwat Ibrahim, ZHU Qiang, #XIONG Yuan, ZHU Ye, CHEN Mengyu, ZHAO Ni, KERSHAW Stephen Vincent, ROGACH Andrey, "Room Temperature Synthesis of HgTe Quantum Dots in an Aprotic Solvent Realizing High Photoluminescence Quantum Yields in the Infrared", <i>Chemistry of Materials</i>, 29(18), 30 August 2017, pp 7859-7867, doi: https://doi.org/10.1021/acs.chemmater.7b02637.</p>
	<p>#CHEN Wencheng, YUAN Yi, #XIONG Yuan, ROGACH Andrey, TONG Qingxiao, LEE Chun Sing, "Aromatically C6- and C9-Substituted Phenanthro[9,10-d]imidazole Blue Fluorophores: Structure-Property Relationship and Electroluminescent Application", <i>ACS applied materials & interfaces</i>, 9(31), 10 July 2017, pp 26268-26278, doi: https://doi.org/10.1021/acsami.7b06547.</p>
XU Xiuwen	<p>#CHEN Shengmei, #CHENG Junye, #MA Longtao, ZHOU Shanke, #XU Xiuwen, ZHI Chunyi, ZHANG Wenjun, ZHI Linjie, ZAPIEN Juan Antonio, "Light-weight 3D Co-N-doped hollow</p>

Section A: Publications of PhD Students

	<p>carbon spheres as efficient electrocatalysts for rechargeable zinc-air batteries", <i>Nanoscale</i>, 10(22), 20 March 2018, pp 10412-10419, doi: https://doi.org/10.1039/c8nr01140k.</p> <p>#XU Xiuwen, #MA Chungqing, #XIE Yuemin, #CHENG Yuanhang, TIAN Yameng, #LI Menglin, #MA Yuhui, LEE Chun Sing, TSANG Sai Wing, "Air-processed mixed-cation $\text{Cs}_{0.15}\text{FA}_{0.85}\text{PbI}_3$ planar perovskite solar cells derived from a PbI_2-CsI-FAI intermediate complex", <i>Journal of Materials Chemistry A</i>, 6(17), 22 March 2018, pp 7731-7740, doi: https://doi.org/10.1039/c8ta01049h.</p> <p>#DONG Ruoting, LAN Changyong, #XU Xiuwen, #LIANG Xiaoguang, HU Xiaoying, #LI Dapan, #ZHOU Ziyao, SHU Lei, #YIP Sen Po, LI Chun, TSANG Sai Wing, HO Johnny Chung Yin, "Novel Series of Quasi-2D Ruddlesden-Popper Perovskites Based on Short-Chained Spacer Cation for Enhanced Photodetection", <i>ACS applied materials & interfaces</i>, 10(22), 09 May 2018, pp 19019-19026, doi: https://doi.org/10.1021/acsami.8b03517.</p> <p>#XIE Yuemin, YU Binbin, #MA Chungqing, #XU Xiuwen, #CHENG Yuanhang, YUAN Shuai, WANG Zhao-Kui, #THACHOTH CHANDRAN Hrisheekesh, LEE Chun Sing, LIAO Liang-Sheng, TSANG Sai Wing, "Direct observation of cation-exchange in liquid-to-solid phase transformation in $\text{FA}_{1-x}\text{MA}_x\text{PbI}_3$ based perovskite solar cells", <i>Journal of Materials Chemistry A</i>, 6(19), 11 April 2018, pp 9081-9088, doi: https://doi.org/10.1039/c8ta01642a.</p> <p>#DONG Ruoting, LAN Changyong, #XU Xiuwen, #LIANG Xiaoguang, HU Xiaoying, #LI Dapan, #ZHOU Ziyao, SHU Lei, #YIP Sen Po, LI Chun, TSANG Sai Wing, HO Johnny Chung Yin, "A Novel Series of Quasi-2D Ruddlesden-Popper Perovskites Based on Short-Chained Spacer Cation for Enhanced Photodetection", <i>ACS applied materials & interfaces</i>, 10(22), 09 May 2018, pp 19019-19026, doi: https://doi.org/10.1021/acsami.8b03517.</p> <p>#CHENG Yuanhang, #XU Xiuwen, #XIE Yuemin, #LI Ho Wa, #QING Jian, #MA Chungqing, LEE Chun Sing, SO Franky, TSANG Sai Wing, "18% High-Efficiency Air-Processed Perovskite Solar Cells Made in a Humid Atmosphere of 70% RH", <i>SOLAR RRL</i>, 1(9), 20 July 2017, doi: https://doi.org/10.1002/solr.201700097.</p> <p>#LIANG Xiaoguang, #CHENG Yuanhang, #XU Xiuwen, #DONG Ruoting, #LI Dapan, #ZHOU Ziyao, #WEI Renjie, DONG Guofa, TSANG Sai Wing, HO Johnny Chung Yin, "Enhanced performance of perovskite solar cells based on vertical TiO_2 nanotube arrays with full filling of $\text{CH}_3\text{NH}_3\text{PbI}_3$", <i>Applied Surface Science</i>, 451, 30 April 2018, pp 250-257, doi: https://doi.org/10.1016/j.apsusc.2018.04.245.</p>
XU Yi	<p>ZHU Zhiguang, SUN Y. F., NG F. L., GOH M. H., LIAW P. K., FUJII H., NGUYEN Q. B., #XU Yi, SHEK Chan Hung, NAI S. M.L., WEI J., "Friction-stir welding of a ductile high entropy alloy: microstructural evolution and weld strength", <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i>, 711, 16 November 2017, pp 524-532, doi: https://doi.org/10.1016/j.msea.2017.11.058.</p>
	<p>CHAO Bo-Kai, #XU Yi, HO Hsin-Chia, YIU Pak Man, LAI Yi-Chen, SHEK Chan Hung, HSUEH Chun-Hway, "Gold-rich ligament nanostructure by dealloying Au-based metallic glass ribbon for surface-enhanced Raman scattering", <i>Scientific Reports</i>, 7, 08 August 2017, doi: https://doi.org/10.1038/s41598-017-08033-7.</p>
	<p>#XU Yi, YIU Pak Man, SHAN Guangcun, SHIBAYAMA Tamaki, WATANABE Seiichi, OHNUMA Masato, HUANG Wei, SHEK Chan Hung, "3D Nanoporous Gold with Very Low Parting Limit Derived from Au-Based Metallic Glass and Enhanced Methanol Electro-oxidation Catalytic Performance Induced by Metal Migration", <i>ChemNanoMat</i>, 4(1), 22 September 2017, pp 88-97, doi: https://doi.org/10.1002/cnma.201700170.</p>
XUE Qi	<p>HUANG Yan, IP Wing Shan, LAU Yuen Ying, SUN Jinfeng, ZENG Jie, YEUNG Nga Sze Sea, NG Wing Sum, #LI Hongfei, #PEI Zengxia, #XUE Qi, #WANG Yukun, YU Jie, HU Hong, ZHI Chunyi, "Weavable, Conductive Yarn-Based NiCo//Zn Textile Battery with High Energy Density and Rate Capability", <i>ACS Nano</i>, 11(9), 16 August 2017, pp 8953-8961, doi: https://doi.org/10.1021/acs.nano.7b03322.</p>
	<p>#XUE Qi, #PEI Zengxia, HUANG Yan, #ZHU Minshen, #TANG Zijie, #LI Hongfei, HUANG Yang, LI Na, ZHANG Haiyan, ZHI Chunyi, "Mn_3O_4 nanoparticles on layer-structured Ti_3C_2 MXene towards the oxygen reduction reaction and zinc-air batteries", <i>Journal of Materials Chemistry A</i>, 5(39), 11 September 2017, pp 20818-20823, doi: https://doi.org/10.1039/c7ta04532h.</p>

	<p>#XUE Qi, SUN Jinfeng, HUANG Yan, #ZHU Minshen, #PEI Zengxia, #LI Hongfei, #WANG Yukun, LI Na, ZHANG Haiyan, ZHI Chunyi, "Recent Progress on Flexible and Wearable Supercapacitors", <i>Small</i>, 13(45), 20 September 2017, doi: https://doi.org/10.1002/sml.201701827.</p>
	<p>#LI Hongfei, #LIU Zhuoxin, #LIANG Guojin, HUANG Yang, HUANG Yan, #ZHU Minshen, #PEI Zengxia, #XUE Qi, #TANG Zijie, #WANG Yukun, LI Baohua, ZHI Chunyi, "Waterproof and Tailorable Elastic Rechargeable Yarn Zinc Ion Batteries by a Cross-Linked Polyacrylamide Electrolyte", <i>ACS Nano</i>, 12(4), 28 March 2018, pp 3140-3148, doi: https://doi.org/10.1021/acsnano.7b09003.</p>
	<p>#TANG Zijie, #PEI Zengxia, #WANG Zifeng, #LI Hongfei, ZENG Jie, RUAN Zhaoheng, HUANG Yan, #ZHU Minshen, #XUE Qi, YU Jie, ZHI Chunyi, "Highly anisotropic, multichannel wood carbon with optimized heteroatom doping for supercapacitor and oxygen reduction reaction", <i>Carbon</i>, 130, 01 April 2018, pp 532-543, doi: https://doi.org/10.1016/j.carbon.2018.01.055.</p>
	<p>#XUE Qi, GAN Haibo, HUANG Yan, #ZHU Minshen, #PEI Zengxia, #LI Hongfei, DENG Shaozhi, LIU Fei, ZHI Chunyi, "Boron Element Nanowires Electrode for Supercapacitors", <i>Advanced Energy Materials</i>, 8(20), 25 March 2018, doi: https://doi.org/10.1002/aenm.201703117.</p>
	<p>#LI Hongfei, HAN Cuiping, HUANG Yan, HUANG Yang, #ZHU Minshen, #PEI Zengxia, #XUE Qi, #WANG Zifeng, #LIU Zhuoxin, #TANG Zijie, #WANG Yukun, KANG Feiyu, LI Baohua, ZHI Chunyi, "An extremely safe and wearable solid-state zinc ion battery based on a hierarchical structured polymer electrolyte", <i>Energy and Environmental Science</i>, 11(4), 12 February 2018, pp 941-951, doi: https://doi.org/10.1039/c7ee03232c.</p>
	<p>HUANG Yang, CHEN Wei, #LI Hongfei, #ZHU Minshen, LIU Fuwei, #XUE Qi, #PEI Zengxia, #WANG Zifeng, WANG Lei, HAUNG Yan, ZHI Chunyi, "Graphene stirrer with designed movements: Targeting on environmental remediation and supercapacitor applications", <i>Green Energy & Environment</i>, 3(1), 06 November 2017, pp 86-96, doi: https://doi.org/10.1016/j.gee.2017.10.004.</p>
	<p>#PEI Zengxia, #TANG Zijie, #LIU Zhuoxin, HUANG Yan, #WANG Yukun, #LI Hongfei, #XUE Qi, #ZHU Minshen, TANG Daiming, ZHI Chunyi, "Construction of a hierarchical 3D Co/N-carbon electrocatalyst for efficient oxygen reduction and overall water splitting", <i>Journal of Materials Chemistry A</i>, 6(2), 28 November 2017, pp 489-497, doi: https://doi.org/10.1039/c7ta09254g.</p>
YAN Wenrong	<p>#WEI Liping, #YAN Wenrong, HO Derek, "Recent advances in fluorescence lifetime analytical microsystems: Contact optics and CMOS time-resolved electronics", <i>Sensors</i>, 17(12), 04 December 2017, doi: https://doi.org/10.3390/s17122800.</p>
YANG Qi	<p>#MA Longtao, #CHEN Shengmei, #PEI Zengxia, HUANG Yan, #LIANG Guojin, #MO Funian, #YANG Qi, SU Jun, GAO Yihua, ZAPIEN Juan Antonio, ZHI Chunyi, "Single-Site Active Iron-Based Bifunctional Oxygen Catalyst for a Compressible and Rechargeable Zinc-Air Battery", <i>ACS Nano</i>, 12(2), 27 February 2018, pp 1949-1958, doi: https://doi.org/10.1021/acsnano.7b09064.</p>
	<p>#YANG Qi, CUI Sihan, GE Yifei, #TANG Zijie, #LIU Zhuoxin, #LI Hongfei, LI Na, ZHANG Haiyan, LIANG Jianbo, ZHI Chunyi, "Porous single-crystal NaTi₂(PO₄)₃ via liquid transformation of TiO₂ nanosheets for flexible aqueous Na-ion capacitor", <i>Nano Energy</i>, 50, 07 June 2018, pp 623-631, doi: https://doi.org/10.1016/j.nanoen.2018.06.017.</p>
YANG Xueqing	<p>#YANG Xueqing, CHEN Wei, BIAN Haidong, #SUN Tianying, #DU Yangyang, ZHANG Zhenyu, ZHANG Wenjun, LI Yangyang, CHEN Xianfeng, WANG Feng, "Synthesis of Mesoporous ZIF-8 Nanoribbons and their Conversion into Carbon Nanoribbons for High-Performance Supercapacitors", <i>Chemistry - A European Journal</i>, 24(43), 28 May 2018, pp 11185-11192, doi: https://doi.org/10.1002/chem.201801869.</p>
YANG Xuming	<p>WANG Zhenguang, SHI Yu-e, #YANG Xuming, #XIONG Yuan, #LI Yanxiu, CHEN Bingkun, LAI Wing-Fu, ROGACH Andrey, "Water-Soluble Biocompatible Copolymer Hypromellose Grafted Chitosan Able to Load Exogenous Agents and Copper Nanoclusters with Aggregation-Induced Emission", <i>Advanced Functional Materials</i>, 28(34), 27 June 2018, doi: https://doi.org/10.1002/adfm.201802848.</p>
	<p>WANG Hongkang, #YANG Xuming, WU Qizhen, ZHANG Qiaobao, CHEN Huixin, JING Hongmei, WANG Jinkai, MI Shao-Bo, ROGACH Andrey, NIU Chunming, "Encapsulating</p>

Section A: Publications of PhD Students

	<p>Silica/Antimony into Porous Electrospun Carbon Nanofibers with Robust Structure Stability for High-Efficiency Lithium Storage", <i>ACS Nano</i>, 12(4), 11 April 2018, pp 3406-3416, doi: https://doi.org/10.1021/acsnano.7b09092.</p> <p>#WANG Zhenguang, #XIONG Yuan, KERSHAW Stephen Vincent, CHEN Bingkun, #YANG Xuming, GOSWAMI Nirmal, LAI Wing-Fu, XIE Jianping, ROGACH Andrey, "In Situ Fabrication of Flexible, Thermally Stable, Large-Area, Strongly Luminescent Copper Nanocluster/Polymer Composite Films", <i>Chemistry of Materials</i>, 29(23), 30 November 2017, pp 10206-10211, doi: https://doi.org/10.1021/acs.chemmater.7b04239.</p> <p>#WANG Shuo, #LEE Pui Kit, #YANG Xuming, ROGACH Andrey, ARMSTRONG A. Robert, YU Yau Wai Denis, "Polyimide-cellulose interaction in Sb anode enables fast charging lithium-ion battery application", <i>Materials Today Energy</i>, 9, 23 June 2018, pp 295-302, doi: https://doi.org/10.1016/j.mtener.2018.06.007.</p> <p>#YANG Xuming, #ZHANG Jiaolong, #WANG Zhenguang, WANG Hongkang, ZHI Chunyi, YU Yau Wai Denis, ROGACH Andrey, "Carbon-Supported Nickel Selenide Hollow Nanowires as Advanced Anode Materials for Sodium-Ion Batteries", <i>Small</i>, 14(7), 27 December 2017, doi: https://doi.org/10.1002/smll.201702669.</p> <p>#YANG Xuming, WANG Hongkang, YU Yau Wai Denis, ROGACH Andrey, "Vacuum Calcination Induced Conversion of Selenium/Carbon Wires to Tubes for High-Performance Sodium-Selenium Batteries", <i>Advanced Functional Materials</i>, 28(8), 10 January 2018, doi: https://doi.org/10.1002/adfm.201706609.</p>
YIP Sen Po	<p>LAN Changyong, #DONG Ruoting, #ZHOU Ziyao, SHU Lei, #LI Dapan, #YIP Sen Po, HO Johnny Chung Yin, "Large-Scale Synthesis of Freestanding Layer-Structured PbI₂ and MAPbI₃ Nanosheets for High-Performance Photodetection", <i>Advanced Materials</i>, 29(39), 17 August 2017, doi: https://doi.org/10.1002/adma.201702759.</p> <p>#DONG Ruoting, LAN Changyong, #XU Xiuwen, #LIANG Xiaoguang, HU Xiaoying, #LI Dapan, #ZHOU Ziyao, SHU Lei, #YIP Sen Po, LI Chun, TSANG Sai Wing, HO Johnny Chung Yin, "A Novel Series of Quasi-2D Ruddlesden-Popper Perovskites Based on Short-Chained Spacer Cation for Enhanced Photodetection", <i>ACS applied materials & interfaces</i>, 10(22), 09 May 2018, pp 19019-19026, doi: https://doi.org/10.1021/acsami.8b03517.</p> <p>#ZHOU Ziyao, LAN Changyong, #YIP Sen Po, #WEI Renjie, #LI Dapan, SHU Lei, HO Johnny Chung Yin, "Towards high-mobility In₂Ga_{2-2x}O₃ nanowire field-effect transistors", <i>Nano Research</i>, 14 June 2018, doi: https://doi.org/10.1007/s12274-018-2106-9, https://doi.org/10.1007/s12274-018-2106-9.</p> <p>#DONG Ruoting, LAN Changyong, #XU Xiuwen, #LIANG Xiaoguang, HU Xiaoying, #LI Dapan, #ZHOU Ziyao, SHU Lei, #YIP Sen Po, LI Chun, TSANG Sai Wing, HO Johnny Chung Yin, "Novel Series of Quasi-2D Ruddlesden-Popper Perovskites Based on Short-Chained Spacer Cation for Enhanced Photodetection", <i>ACS applied materials & interfaces</i>, 10(22), 09 May 2018, pp 19019-19026, doi: https://doi.org/10.1021/acsami.8b03517.</p> <p>#SHEN Lifan, #YIP Sen Po, LAN Changyong, SHU Lei, #LI Dapan, #ZHOU Ziyao, WONG Chun Yuen Alex, PUN Yue Bun Edwin, HO Johnny Chung Yin, "Enhanced Negative Photoconductivity in InAs Nanowire Phototransistors Surface-Modified with Molecular Monolayers", <i>Advanced Materials Interfaces</i>, 5(3), 11 December 2017, doi: https://doi.org/10.1002/admi.201701104.</p> <p>LAN Changyong, #ZHOU Ziyao, ZHOU Zhifei, LI Chun, SHU Lei, #SHEN Lifan, #LI Dapan, #DONG Ruoting, #YIP Sen Po, HO Johnny Chung Yin, "Wafer-scale synthesis of monolayer WS₂ for high-performance flexible photodetectors by enhanced chemical vapor deposition", <i>Nano Research</i>, 11(6), 22 May 2018, pp 3371-3384, doi: https://doi.org/10.1007/s12274-017-1941-4.</p>
ZHANG Heng	<p>#WEI Renjie, FANG Ming, DONG Guofa, LAN Changyong, SHU Lei, #ZHANG Heng, #BU Xiuming, HO Johnny Chung Yin, "High-Index Faceted Porous Co₃O₄ Nanosheets with Oxygen Vacancies for Highly Efficient Water Oxidation", <i>ACS applied materials & interfaces</i>, 10(8), 06 February 2018, pp 7079-7086, doi: https://doi.org/10.1021/acsami.7b18208.</p>
ZHANG Yonghui	<p>MENG Qiangqiang, #MA Jiale, #ZHANG Yonghui, #LI Zhen, ZHI Chunyi, HU Alice, FAN Jun, "The S-functionalized Ti₃C₂ Mxene as a high capacity electrode material for Na-ion batteries: a DFT study", <i>Nanoscale</i>, 10(7), 10 January 2018, pp 3385-3392, doi: https://doi.org/10.1039/c7nr07649e.</p>

Section A: Publications of PhD Students

	<p>#ZHANG Yonghui, #LI Zhen, #CHAN Chun, #MA Jiale, ZHI Chunyi, CHENG Xiaolin, FAN Jun, "Ordering of lipid membranes altered by boron nitride nanosheets", <i>Physical Chemistry Chemical Physics</i>, 20(6), 14 February 2018, pp 3903-3910, doi: https://doi.org/10.1039/c7cp07136a.</p>
	<p>MENG Qiangqiang, #MA Jiale, #ZHANG Yonghui, #LI Zhen, HU Alice, KAI Ji-jung, FAN Jun, "Theoretical investigation of zirconium carbide MXenes as prospective high capacity anode materials for Na-ion batteries", <i>Journal of Materials Chemistry A</i>, 6(28), 15 June 2018, pp 13652-13660, doi: https://doi.org/10.1039/c8ta04417a.</p>
	<p>#ZHANG Yonghui, #CHAN Chun, #LI Zhen, #MA Jiale, MENG Qiangqiang, CHENG Xiaolin, FAN Jun, "Lipid extraction by boron nitride nanosheets from liquid-ordered and liquid-disordered nanodomains", <i>Nanoscale</i>, 10(29), 21 June 2018, pp 14073-14081, doi: https://doi.org/10.1039/c8nr02018c.</p>
	<p>#LI Zhen, #ZHANG Yonghui, #CHAN Chun, ZHI Chunyi, CHENG Xiaolin, FAN Jun, "Temperature-Dependent Lipid Extraction from Membranes by Boron Nitride Nanosheets", <i>ACS Nano</i>, 12(3), 08 March 2018, pp 2764-2772, doi: https://doi.org/10.1021/acsnano.7b09095.</p>
ZHOU Ziyao	<p>LAN Changyong, #DONG Ruoting, #ZHOU Ziyao, SHU Lei, #LI Dapan, #YIP Sen Po, HO Johnny Chung Yin, "Large-Scale Synthesis of Freestanding Layer-Structured PbI₂ and MAPbI₃ Nanosheets for High-Performance Photodetection", <i>Advanced Materials</i>, 29(39), 17 August 2017, doi: https://doi.org/10.1002/adma.201702759.</p>
	<p>#DONG Ruoting, LAN Changyong, #XU Xiuwen, #LIANG Xiaoguang, HU Xiaoying, #LI Dapan, #ZHOU Ziyao, SHU Lei, #YIP Sen Po, LI Chun, TSANG Sai Wing, HO Johnny Chung Yin, "A Novel Series of Quasi-2D Ruddlesden–Popper Perovskites Based on Short-Chained Spacer Cation for Enhanced Photodetection", <i>ACS applied materials & interfaces</i>, 10(22), 09 May 2018, pp 19019-19026, doi: https://doi.org/10.1021/acsami.8b03517.</p>
	<p>#ZHOU Ziyao, LAN Changyong, #YIP Sen Po, #WEI Renjie, #LI Dapan, SHU Lei, HO Johnny Chung Yin, "Towards high-mobility In₂Ga_{2-2x}O₃ nanowire field-effect transistors", <i>Nano Research</i>, 14 June 2018, doi: https://doi.org/10.1007/s12274-018-2106-9, https://doi.org/10.1007/s12274-018-2106-9.</p>
	<p>#DONG Ruoting, LAN Changyong, #XU Xiuwen, #LIANG Xiaoguang, HU Xiaoying, #LI Dapan, #ZHOU Ziyao, SHU Lei, #YIP Sen Po, LI Chun, TSANG Sai Wing, HO Johnny Chung Yin, "Novel Series of Quasi-2D Ruddlesden–Popper Perovskites Based on Short-Chained Spacer Cation for Enhanced Photodetection", <i>ACS applied materials & interfaces</i>, 10(22), 09 May 2018, pp 19019-19026, doi: https://doi.org/10.1021/acsami.8b03517.</p>
	<p>#SHEN Lifan, #YIP Sen Po, LAN Changyong, SHU Lei, #LI Dapan, #ZHOU Ziyao, WONG Chun Yuen Alex, PUN Yue Bun Edwin, HO Johnny Chung Yin, "Enhanced Negative Photoconductivity in InAs Nanowire Phototransistors Surface-Modified with Molecular Monolayers", <i>Advanced Materials Interfaces</i>, 5(3), 11 December 2017, doi: https://doi.org/10.1002/admi.201701104.</p>
	<p>LAN Changyong, #ZHOU Ziyao, ZHOU Zhifei, LI Chun, SHU Lei, #SHEN Lifan, #LI Dapan, #DONG Ruoting, #YIP Sen Po, HO Johnny Chung Yin, "Wafer-scale synthesis of monolayer WS₂ for high-performance flexible photodetectors by enhanced chemical vapor deposition", <i>Nano Research</i>, 11(6), 22 May 2018, pp 3371–3384, doi: https://doi.org/10.1007/s12274-017-1941-4.</p>
	<p>#LIANG Xiaoguang, #CHENG Yuanhang, #XU Xiuwen, #DONG Ruoting, #LI Dapan, #ZHOU Ziyao, #WEI Renjie, DONG Guofa, TSANG Sai Wing, HO Johnny Chung Yin, "Enhanced performance of perovskite solar cells based on vertical TiO₂ nanotube arrays with full filling of CH₃NH₃PbI₃", <i>Applied Surface Science</i>, 451, 30 April 2018, pp 250–257, doi: https://doi.org/10.1016/j.apsusc.2018.04.245.</p>
	<p>YANG Zaixing, YIN Yanxue, SUN Jiamin, BIAN Luozhen, HAN Ning, #ZHOU Ziyao, SHU Lei, WANG Fengyun, CHEN Yunfa, SONG Aimin, HO Johnny Chung Yin, "Chalcogen passivation: an <i>in-situ</i> method to manipulate the morphology and electrical property of GaAs nanowires", <i>Scientific Reports</i>, 8, 02 May 2018, doi: https://doi.org/10.1038/s41598-018-25209-x.</p>
ZHU Qi	<p>#AI Fujin, #WANG Na, ZHANG Xiaoman, #SUN Tianying, #ZHU Qi, #KONG Wei, WANG Feng, ZHU Guangyu, "An upconversion nanoplatfrom with extracellular pH-driven tumor-</p>

Section A: Publications of PhD Students

	targeting ability for improved photodynamic therapy", <i>Nanoscale</i> , 10(9), 24 January 2018, pp 4432-4441, doi: https://doi.org/10.1039/c7nr06874c .
	# ZHU Qi , # SUN Tianying , # CHUNG Mei Nog , SUN Xinwen , XIAO Yao , QIAO Xvsheng , WANG Feng , "Yb ³⁺ -sensitized upconversion and downshifting luminescence in Nd ³⁺ ions through energy migration", <i>Dalton Transactions</i> , 47(26), 12 February 2018, pp 8581-8584, doi: https://doi.org/10.1039/c8dt00218e .
Conference papers	
CHENG Ho Sum Samson	# FANG Jie , # CHENG Ho Sum Samson , CHUNG Chi Yuen , # GHASHGHAIE Sasan , # SHAHZAD Hafiz Khurram , MA Lok Wang , "Electrochemical Impedance Spectroscopy Study of Lithium-Sulfur Batteries: Effects of Electrolyte/Sulfur Ratios", <i>22nd Topical Meeting of the International Society of Electrochemistry (ISE)</i> , Waseda University, Tokyo, Japan, 15-18 April 2018.
DONG Ruoting	LAN Changyong , # DONG Ruoting , # ZHOU Ziyao , SHU Lei , # LI Dapan , # YIP Sen Po , HO Johnny Chung Yin , "Large-Scale Synthesis of Freestanding Layer-Structured PbI ₂ and MAPbI ₃ Nanosheets for High-Performance Photodetection", <i>18th International Union Materials Research Societies - International Conference in Asia (IUMRS-ICA 2017)</i> , Taipei, Taiwan, 05-09 November 2017.
FANG Jie	# FANG Jie , # CHENG Ho Sum Samson , CHUNG Chi Yuen , # GHASHGHAIE Sasan , # SHAHZAD Hafiz Khurram , MA Lok Wang , "Electrochemical Impedance Spectroscopy Study of Lithium-Sulfur Batteries: Effects of Electrolyte/Sulfur Ratios", <i>22nd Topical Meeting of the International Society of Electrochemistry (ISE)</i> , Waseda University, Tokyo, Japan, 15-18 April 2018.
FOO Yishu	ZAPIEN Juan Antonio , # FOO Yishu , "QUANTITATIVE OPTICAL CHARACTERIZATION OF SUB-WAVELENGTH STRUCTURED MATERIALS AND ITS POTENTIAL USE FOR ENERGY APPLICATIONS", <i>XXVI International Materials Research Congress (IMRC 2017)</i> , JW and CasaMagna Marriott Hotels, Cancun, Mexico, 20-25 August 2017.
GHASHGHAIE Sasan	# FANG Jie , # CHENG Ho Sum Samson , CHUNG Chi Yuen , # GHASHGHAIE Sasan , # SHAHZAD Hafiz Khurram , MA Lok Wang , "Electrochemical Impedance Spectroscopy Study of Lithium-Sulfur Batteries: Effects of Electrolyte/Sulfur Ratios", <i>22nd Topical Meeting of the International Society of Electrochemistry (ISE)</i> , Waseda University, Tokyo, Japan, 15-18 April 2018.
LI Dapan	# ZHOU Ziyao , YANG Zaixing , # YIP Sen Po , # LI Dapan , # SHEN Lifan , HO Johnny Chung Yin , "Complementary Metal Oxide Semiconductor Compatible, High-Mobility, (111) - Oriented GaSb Nanowires Enabled by Vapor-Solid-Solid Chemical Vapor Deposition", <i>Materials Research Society Fall Meeting 2017</i> , Boston, Massachusetts, United States, 26 November - 01 December 2017.
	LAN Changyong , # DONG Ruoting , # ZHOU Ziyao , SHU Lei , # LI Dapan , # YIP Sen Po , HO Johnny Chung Yin , "Large-Scale Synthesis of Freestanding Layer-Structured PbI ₂ and MAPbI ₃ Nanosheets for High-Performance Photodetection", <i>18th International Union Materials Research Societies - International Conference in Asia (IUMRS-ICA 2017)</i> , Taipei, Taiwan, 05-09 November 2017.
SHAHZAD Hafiz Khurram	# FANG Jie , # CHENG Ho Sum Samson , CHUNG Chi Yuen , # GHASHGHAIE Sasan , # SHAHZAD Hafiz Khurram , MA Lok Wang , "Electrochemical Impedance Spectroscopy Study of Lithium-Sulfur Batteries: Effects of Electrolyte/Sulfur Ratios", <i>22nd Topical Meeting of the International Society of Electrochemistry (ISE)</i> , Waseda University, Tokyo, Japan, 15-18 April 2018.
YIP Sen Po	# ZHOU Ziyao , YANG Zaixing , # YIP Sen Po , # LI Dapan , # SHEN Lifan , HO Johnny Chung Yin , "Complementary Metal Oxide Semiconductor Compatible, High-Mobility, (111) - Oriented GaSb Nanowires Enabled by Vapor-Solid-Solid Chemical Vapor Deposition", <i>Materials Research Society Fall Meeting 2017</i> , Boston, Massachusetts, United States, 26 November - 01 December 2017.
	LAN Changyong , # DONG Ruoting , # ZHOU Ziyao , SHU Lei , # LI Dapan , # YIP Sen Po , HO Johnny Chung Yin , "Large-Scale Synthesis of Freestanding Layer-Structured PbI ₂ and MAPbI ₃ Nanosheets for High-Performance Photodetection", <i>18th International Union</i>

Section A: Publications of PhD Students

	<i>Materials Research Societies - International Conference in Asia (IUMRS-ICA 2017)</i> , Taipei, Taiwan, 05-09 November 2017.
ZHOU Ziyao	#ZHOU Ziyao, YANG Zaixing, #YIP Sen Po, #LI Dapan, #SHEN Lifan, HO Johnny Chung Yin, "Complementary Metal Oxide Semiconductor Compatible, High-Mobility, (111) - Oriented GaSb Nanowires Enabled by Vapor-Solid-Solid Chemical Vapor Deposition", <i>Materials Research Society Fall Meeting 2017</i> , Boston, Massachusetts, United States, 26 November - 01 December 2017.
	#ZHOU Ziyao, HO Johnny Chung Yin, "Enhancing the performance of In ₂ O ₃ nanowire field-effect transistors by controllable in-situ Ga alloying", <i>Materials Research Society Spring Meeting 2018</i> .
	#ZHOU Ziyao, HO Johnny Chung Yin, "Large-Scale Synthesis of Freestanding Layer-Structured PbI ₂ and MAPbI ₃ Nanosheets for High-Performance Photodetection", <i>Materials Research Society Fall Meeting 2017</i> .
	LAN Changyong, #DONG Ruoting, #ZHOU Ziyao, SHU Lei, #LI Dapan, #YIP Sen Po, HO Johnny Chung Yin, "Large-Scale Synthesis of Freestanding Layer-Structured PbI ₂ and MAPbI ₃ Nanosheets for High-Performance Photodetection", <i>18th International Union Materials Research Societies - International Conference in Asia (IUMRS-ICA 2017)</i> , Taipei, Taiwan, 05-09 November 2017.
All other outputs	
CHENG Ho Sum Samson	#CHENG Ho Sum Samson, <i>Investigation of Garnet Type Related Li Ion Conductor as Electrolyte for All-Solid-State Lithium Batteries</i> , PhD Thesis, Department of Materials Science and Engineering, City University of Hong Kong, Hong Kong, PRC, 18 December 2017.
CHENG Junye	#CHENG Junye, Best Poster Presentation Award, Chinese Ceramic Society, 20 August 2017.
LI Hongfei	SUN Jinfeng, HUANG Yan, SZE SEA Yeung Nga, #XUE Qi, #WANG Zifeng, #ZHU Minshen, #LI Hongfei, TAO Xiaoming, ZHI Chunyi, HU Hong, (Book / Software Review) "Recent progress of fiber-shaped asymmetric supercapacitors", <i>Materials Today Energy</i> , 5, 01 September 2017, pp 1-14, doi: https://doi.org/10.1016/j.mtener.2017.04.007 .
LI Zhe	#LI Zhe, <i>Electrochemical Fabrication of Nickel-Based Nanostructured Materials and Their Applications</i> , PhD Thesis, Department of Materials Science and Engineering, City University of Hong Kong, Hong Kong, PRC, 08 March 2018.
PU Xue	#PU Xue, <i>Fabrication of Electrospun Membrane for Mechanical Energy Harvesting</i> , PhD Thesis, Department of Materials Science and Engineering, City University of Hong Kong, Hong Kong, PRC, 28 May 2018.
SUN Tianying	#SUN Tianying, <i>Tuning Lanthanide Luminescence in Core-Shell Nanostructures for Technological Applications</i> , PhD Thesis, Department of Materials Science and Engineering, City University of Hong Kong, Hong Kong, PRC, 05 June 2018.
WANG Aiwu	#WANG Aiwu, WANG Chundong, FU Li, WONG-NG Winnie, LAN Yucheng, (Book / Software Review) "Recent Advances of Graphitic Carbon Nitride-Based Structures and Applications in Catalyst, Sensing, Imaging, and LEDs", <i>Nano-Micro Letters</i> , 9(4), October 2017, doi: https://doi.org/10.1007/s40820-017-0148-2 .
WANG Zifeng	SUN Jinfeng, HUANG Yan, SZE SEA Yeung Nga, #XUE Qi, #WANG Zifeng, #ZHU Minshen, #LI Hongfei, TAO Xiaoming, ZHI Chunyi, HU Hong, (Book / Software Review) "Recent progress of fiber-shaped asymmetric supercapacitors", <i>Materials Today Energy</i> , 5, 01 September 2017, pp 1-14, doi: https://doi.org/10.1016/j.mtener.2017.04.007 .
WU Wei	#WU Wei, <i>Study on Biodegradable High Value-Added Lignin-Based Biocomposites and Their Applications</i> , PhD Thesis, Department of Materials Science and Engineering, City University of Hong Kong, Hong Kong, PRC, 11 June 2018.
XUE Qi	#XUE Qi, <i>Exploring New Nanomaterials for Electrochemical Energy Storage and Conversion</i> , PhD Thesis, Department of Materials Science and Engineering, City University of Hong Kong, Hong Kong, PRC, 18 December 2017.
	SUN Jinfeng, HUANG Yan, SZE SEA Yeung Nga, #XUE Qi, #WANG Zifeng, #ZHU Minshen, #LI Hongfei, TAO Xiaoming, ZHI Chunyi, HU Hong, (Book / Software Review) "Recent progress of fiber-shaped asymmetric supercapacitors", <i>Materials Today Energy</i> , 5, 01 September 2017, pp 1-14, doi: https://doi.org/10.1016/j.mtener.2017.04.007 .

Section A: Publications of PhD Students

ZENG Shanshan	# ZENG Shanshan , <i>Transition-Metal Based Oxygen Reduction Reaction Catalysts and Their Application in Zinc-Air Battery</i> , PhD Thesis, Department of Materials Science and Engineering, City University of Hong Kong, Hong Kong, PRC, 09 October 2017.
DEPARTMENT OF MATHEMATICS	
Scholarly books, monographs and chapters	
LI Yuanyou	# LI Yuanyou , DAI Hui-Hui , "A consistent dynamic finite-strain plate theory for incompressible hyperelastic materials", <i>Generalized Models and Non-classical Approaches in Complex Materials 1</i> , Altenbach Holm , Collet Bernard , Michelitsch Thomas , Pouget Joël and Rousseau Martine (eds), Springer, Cham, ISBN: 978-3-319-72439-3,978-3-319-72440-9, 25 March 2018, pp 487-504.
Journal publications	
ABDRABOU Amgad Abdelmohsen Mohammed	# ABDRABOU Amgad Abdelmohsen Mohammed , EL-GAMEL Mohamed , "On the sinc-Galerkin method for triharmonic boundary-value problems", <i>Computers and Mathematics with Applications</i> , 76(3), 21 May 2018, pp 520-533 , doi: https://doi.org/10.1016/j.camwa.2018.04.034 . # ABDRABOU Amgad Abdelmohsen Mohammed , LU Ya Yan , "Exceptional points of resonant states on a periodic slab", <i>Physical Review A - Atomic, Molecular, and Optical Physics</i> , 97(6), 12 June 2018, doi: https://doi.org/10.1103/PhysRevA.97.063822 .
CHE Zhihua	# CHE Zhihua , ZHUANG Xiaosheng , "Digital Affine Shear Filter Banks with 2-Layer Structure and Their Applications in Image Processing", <i>IEEE Transactions on Image Processing</i> , 27(8), 23 April 2018, pp 3931-3941, doi: https://doi.org/10.1109/TIP.2018.2829603 .
CHEN Daijun	# CHEN Daijun , XIONG Shifeng , "Flexible nested Latin hypercube designs for computer experiments", <i>Journal of Quality Technology</i> , 49(4), October 2017, pp 337-353.
CHEN Xiaming	# CHEN Xiaming , LEI Yunwen , "Refined bounds for online pairwise learning algorithms", <i>Neurocomputing</i> , 275, 02 December 2017, pp 2656-2665, doi: https://doi.org/10.1016/j.neucom.2017.11.049 .
DENG Shuyan	# DENG Shuyan , "The parametric study of electroosmotically driven flow of power-law fluid in a cylindrical microcapillary at high zeta potential", <i>Micromachines</i> , 8(12), 28 November 2017, doi: https://doi.org/10.3390/mi8120344 .
GU Shuting	# GU Shuting , ZHOU Xiang , "Convex splitting method for the calculation of transition states of energy functional", <i>Journal of Computational Physics</i> , 353, 24 October 2017, pp 417-434, doi: https://doi.org/10.1016/j.jcp.2017.10.028 . # GU Shuting , ZHOU Xiang , "MULTISCALE GENTLEST ASCENT DYNAMICS FOR SADDLE POINT IN EFFECTIVE DYNAMICS OF SLOW-FAST SYSTEM", <i>Communications in Mathematical Sciences</i> , 15(8), 2017, pp 2279-2302, doi: https://doi.org/10.4310/CMS.2017.v15.n8.a7 .
HE Xin	LV Shaogao , # HE Xin , WANG Junhui , "A unified penalized method for sparse additive quantile models: an RKHS approach", <i>Annals of the Institute of Statistical Mathematics</i> , 69(4), August 2017, pp 897-923, doi: https://doi.org/10.1007/s10463-016-0566-9 .
HU Weiyang	DAI Dan , # HU Weiyang , "On the quasi-Ablovitz–Segur and quasi-Hastings–McLeod solutions of the inhomogeneous Painlevé II equation", <i>Random Matrices: Theory and Application</i> , 28 February 2018, doi: https://doi.org/10.1142/S201032631840004X .
HUANG Yongting	# HUANG Yongting , LIU Hongxia , "Stability of rarefaction wave for a macroscopic model derived from the Vlasov-Maxwell-Boltzmann system", <i>Acta Mathematica Scientia</i> , 38(3), 26 April 2018, pp 857-888, doi: https://doi.org/10.1016/S0252-9602(18)30789-6 .
KANG Fengdai	HAO Yongle , # KANG Fengdai , LI Jingzhi , ZHANG Kai , "Computation of moments for Maxwell's equations with random interfaces via pivoted low-rank approximation", <i>Journal of Computational Physics</i> , 371, 15 May 2018, pp 1-19, doi: https://doi.org/10.1016/j.jcp.2018.05.004 . # KANG Fengdai , JIANG Xuejun , "Variational approach to shape derivatives for elasto-acoustic coupled scattering fields and an application with random interfaces", <i>Journal of Mathematical Analysis and Applications</i> , 456(1), 14 July 2017, pp 686-704, doi: https://doi.org/10.1016/j.jmaa.2017.07.016 .
LEI Min	# LEI Min , LI Ming , WEN P. H. , BAILEY C. G. , "Moving boundary analysis in heat conduction with multilayer composites by finite block method", <i>Engineering Analysis with Boundary</i>

Section A: Publications of PhD Students

	<i>Elements</i> , 89, 24 February 2018, pp 36-44, doi: https://doi.org/10.1016/j.enganabound.2018.01.009 .
LI Yan	YANG Zongze, WANG Jungang, #LI Yan, NIE Yufeng, "Effective numerical treatment of sub-diffusion equation with non-smooth solution", <i>International Journal of Computer Mathematics</i> , 95(6-7), 04 February 2018, pp 1394-1407, doi: https://doi.org/10.1080/00207160.2018.1429599 .
	#LI Yan, LIU G. R., YUE J. H., "A novel node-based smoothed radial point interpolation method for 2D and 3D solid mechanics problems", <i>Computers and Structures</i> , 196, 01 December 2017, pp 157-172, doi: https://doi.org/10.1016/j.compstruc.2017.11.010 .
	WANG Jun-Gang, #LI Yan, RAN Yu-Hong, "Convergence of Chebyshev type regularization method under Morozov discrepancy principle", <i>Applied Mathematics Letters</i> , 74, December 2017, pp 174-180, doi: https://doi.org/10.1016/j.aml.2017.06.004 .
MALIN Maria	CIARLET Philippe G, #MALIN Maria, MARDARE Cristinel, "On a vector version of a fundamental Lemma of J. L. Lions", <i>Chinese Annals of Mathematics. Series B</i> , 39(1), 06 January 2018, pp 33-46, doi: https://doi.org/10.1007/s11401-018-1049-5 .
PIERSANTI Paolo	#PIERSANTI Paolo, PUCCI Patrizia, "Entire solutions for critical p -fractional Hardy Schrödinger Kirchhoff equations", <i>Publicacions Matemàtiques</i> , 62(1), January 2018, pp 3-36, doi: https://doi.org/10.5565/PUBLMAT6211801 .
TANG Hao	#TANG Hao, "On the pathwise solutions to the CAMASSA–HOLM equation with multiplicative noise", <i>SIAM Journal on Mathematical Analysis</i> , 50(1), 20 February 2018, pp 1322-1366, doi: https://doi.org/10.1137/16M1080537 .
WU Chengda	#WU Chengda, SUN Weiwei, "ANALYSIS OF GALERKIN FEMS FOR MIXED FORMULATION OF TIME-DEPENDENT GINZBURG–LANDAU EQUATIONS UNDER TEMPORAL GAUGE", <i>SIAM Journal on Numerical Analysis</i> , 56(3), 15 May 2018, pp 1291–1312, doi: https://doi.org/10.1137/17M113544X .
XU Wenying	#XU Wenying, CHEN Guanrong, HO Wing Cheong Daniel, "A Layered Event-Triggered Consensus Scheme", <i>IEEE Transactions on Cybernetics</i> , 47(8), August 2017, pp 2334-2340, doi: https://doi.org/10.1109/TCYB.2016.2571122 .
	#XU Wenying, WANG Zidong, HO Wing Cheong Daniel, "Finite-Horizon H_∞ Consensus for Multiagent Systems With Redundant Channels via An Observer-Type Event-Triggered Scheme", <i>IEEE Transactions on Cybernetics</i> , 48(5), May 2018, pp 1567-1576, doi: https://doi.org/10.1109/TCYB.2017.2707590 .
	LIU Xiaoyang, HO Wing Cheong Daniel, CAO Jinde, #XU Wenying, "Discontinuous Observers Design for Finite-Time Consensus of Multiagent Systems With External Disturbances", <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 28(11), November 2017, pp 2826-2830, doi: https://doi.org/10.1109/TNNLS.2016.2599199 .
	#ZHONG Jie, HO Wing Cheong Daniel, LU Jianquan, #XU Wenying, "Global robust stability and stabilization of Boolean network with disturbances", <i>Automatica</i> , 84, 17 August 2017, pp 142-148, doi: https://doi.org/10.1016/j.automatica.2017.07.013 .
ZHONG Hua	LIN Ke, MU Chunlai, #ZHONG Hua, "A blow-up result for a quasilinear chemotaxis system with logistic source in higher dimensions", <i>Journal of Mathematical Analysis and Applications</i> , 464(1), 11 April 2018, pp 435-455, doi: https://doi.org/10.1016/j.jmaa.2018.04.015 .
	#ZHONG Hua, MU Chunlai, LIN Ke, "Global weak solution and boundedness in a three-dimensional competing chemotaxis", <i>Discrete and Continuous Dynamical Systems</i> , 38(8), May 2018, pp 3875-3898, doi: https://doi.org/10.3934/dcds.2018168 .
ZHONG Jie	#ZHONG Jie, HO Wing Cheong Daniel, LU Jianquan, #XU Wenying, "Global robust stability and stabilization of Boolean network with disturbances", <i>Automatica</i> , 84, 17 August 2017, pp 142-148, doi: https://doi.org/10.1016/j.automatica.2017.07.013 .
ZHU Pingping	#ZHU Pingping, DAI Hui-Hui, "Uniqueness condition for dynamical phase transitions in a shape memory alloy bar", <i>Mechanics Research Communications</i> , 18 August 2017, doi: https://doi.org/10.1016/j.mechrescom.2017.08.001 .

Section A: Publications of PhD Students

Conference papers	
CHE Zhihua	#CHE Zhihua, ZHUANG Xiaosheng, "Affine shear tight frames with two-layer structure", <i>Proceedings of SPIE - Wavelets and Sparsity XVII</i> , San Diego, United States, 06-09 August 2017, (ISBN: 9781510612457).
	#CHE Zhihua, ZHUANG Xiaosheng, "Digital Affine Shear Filter Banks with 2-Layer Structure", <i>2017 International Conference on Sampling Theory and Applications (SampTA) 2017 - 12th International Conference Tallinn, Estonia, July 3-7</i> , Tallinn, Estonia, 03-07 July 2017, pp 575-579, (ISBN: 9781538615652).
XU Wenying	#ZHONG Jie, HO Wing Cheong Daniel, LU Jianquan, #XU Wenying, "General Partial Synchronization of Drive-Response Boolean Networks", <i>2017 Asian Control Conference - ASCC 2017 Program Book</i> , Gold Coast Convention and Exhibition Centre, Gold Coast, Australia, 17-20 December 2017, pp 869-874, (ISBN: 9781509015726,9781509015733,9781509015740).
ZHONG Jie	LI Meilin, LU Jianquan, #ZHONG Jie, "Stability of (n, k) nonlinear feedback shift registers", <i>2017 13th IEEE Conference on Automation Science and Engineering (CASE 2017)</i> , Xi'an, China, 20-23 August 2017, pp 166-170, (ISBN: 9781509067817,9781509067824).
	#ZHONG Jie, HO Wing Cheong Daniel, LU Jianquan, #XU Wenying, "General Partial Synchronization of Drive-Response Boolean Networks", <i>2017 Asian Control Conference - ASCC 2017 Program Book</i> , Gold Coast Convention and Exhibition Centre, Gold Coast, Australia, 17-20 December 2017, pp 869-874, (ISBN: 9781509015726,9781509015733,9781509015740).
All other outputs	
CHEN Daijun	#CHEN Daijun, <i>On Efficient Computation of Big Data Regression</i> , PhD Thesis, Department of Mathematics, City University of Hong Kong, Hong Kong, PRC, 26 June 2018.
GU Shuting	#GU Shuting, <i>On the Calculation of Transition States</i> , PhD Thesis, Department of Mathematics, City University of Hong Kong, Hong Kong, PRC, 02 January 2018.
JIN Yanyi	#JIN Yanyi, <i>The HDG Methods for the Convection-dominated Diffusion Problems and the Brinkman Equations</i> , PhD Thesis, Department of Mathematics, City University of Hong Kong, Hong Kong, PRC, 16 August 2017.
KANG Fengdai	#KANG Fengdai, <i>Variational Approach to Shape Derivatives for Scattering Problems and Applications</i> , PhD Thesis, Department of Mathematics, City University of Hong Kong, Hong Kong, PRC, 16 August 2017.
NG Kei Shing	#NG Kei Shing, <i>Radial Basis Functions Method for Solving Medical Imaging Problems</i> , PhD Thesis, Department of Mathematics, Department of Mathematics, City University of Hong Kong, Hong Kong, PRC, 04 January 2018.
QIN Bowei	#QIN Bowei, <i>A Study of Homoclinic/Heteroclinic Bifurcations, Homoclinic-Doubling Bifurcations and Cascades of Dynamical Systems Using a Perturbation-Incremental Method</i> , PhD Thesis, Department of Mathematics, City University of Hong Kong, Hong Kong, PRC, 25 August 2017.
ZHANG Bo	#ZHANG Bo, <i>Learning Theory of Online Mirror Descent Algorithms</i> , PhD Thesis, Department of Mathematics, City University of Hong Kong, Hong Kong, PRC, 29 January 2018.
ZHU Pingping	#ZHU Pingping, <i>Analytic Studies on Quasi-Static and Dynamic Phase Transitions in Shape Memory Alloys</i> , PhD Thesis, Department of Mathematics, City University of Hong Kong, Hong Kong, PRC, 14 May 2018.
DEPARTMENT OF MECHANICAL AND BIOMEDICAL ENGINEERING	
Journal publications	
CAI Junjie	#WU Shuilin, ZHANG Zhenyu, LAN Minhuan, #YANG Shaoran, #CHENG Junye, #CAI Junjie, SHEN Jianhua, #ZHU Ying, ZHANG Kaili, ZHANG Wenjun, "Lithiophilic Cu-CuO-Ni Hybrid Structure: Advanced Current Collectors Toward Stable Lithium Metal Anodes", <i>Advanced Materials</i> , 30(9), 12 January 2018, doi: https://doi.org/10.1002/adma.201705830 .
	#CAI Junjie, #WU Chun, #YANG Shaoran, #ZHU Ying, SHEN Pei Kang, ZHANG Kaili, "Templated and catalytic fabrication of N-doped hierarchical porous carbon-carbon nanotube hybrids as host for lithium-sulfur batteries", <i>ACS applied materials & interfaces</i> , 9(39), 15 September 2017, pp 33876-33886, doi: https://doi.org/10.1021/acsami.7b09808 .

Section A: Publications of PhD Students

	# <u>YANG Shaoran</u> , # <u>WU Chun</u> , # <u>CAI Junjie</u> , # <u>ZHU Ying</u> , <u>ZHANG Hongti</u> , <u>LU Yang</u> , <u>ZHANG Kaili</u> , "Seed-assisted smart construction of high mass loading Ni-Co-Mn hydroxide nanoflakes for supercapacitor applications", <i>Journal of Materials Chemistry A</i> , 5(32), 28 August 2017, pp 16776-16785, doi: https://doi.org/10.1039/c7ta03932h .
CHEN Bing	# <u>ZHAN Yuexing</u> , PAN Yihui, # <u>CHEN Bing</u> , <u>LU Jian</u> , ZHONG Zheng, NIU Xinrui, "Strain rate dependent hyperelastic stress-stretch behavior of a silica nanoparticle reinforced poly (ethylene glycol) diacrylate nanocomposite hydrogel", <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 75, 21 July 2017, pp 236-243, doi: https://doi.org/10.1016/j.jmbbm.2017.07.029 .
GAO Libo	<u>LI Peifeng</u> , # <u>JIANG Chenchen</u> , # <u>XU Shang</u> , # <u>ZHUANG Yu</u> , # <u>GAO Libo</u> , <u>HU Alice</u> , WANG Hongtao, <u>LU Yang</u> , "In situ nanomechanical characterization of multi-layer MoS ₂ membranes: From intraplanar to interplanar fracture", <i>Nanoscale</i> , 9(26), 14 July 2017, pp 9119-9128, doi: https://doi.org/10.1039/C7NR02171B .
	# <u>CAO Ke</u> , # <u>HAN Ying</u> , <u>ZHANG Hongti</u> , # <u>GAO Libo</u> , YANG Hongwei, CHEN Jialin, LI Yuxiu, <u>LU Yang</u> , "Size-dependent fracture behavior of silver nanowires", <i>Nanotechnology</i> , 29(29), 16 May 2018, doi: https://doi.org/10.1088/1361-6528/aac046 .
	<u>SONG Jian</u> , # <u>GAO Libo</u> , <u>LU Yang</u> , "In Situ Mechanical Characterization of Structural Bamboo Materials under Flexural Bending", <i>Experimental Techniques</i> , 41(6), 08 August 2017, pp 565-575, doi: https://doi.org/10.1007/s40799-017-0202-5 .
	# <u>SURJADI James Utama</u> , # <u>GAO Libo</u> , # <u>CAO Ke</u> , <u>FAN Rong</u> , <u>LU Yang</u> , "Mechanical Enhancement of Core-Shell Microlattices through High-Entropy Alloy Coating", <i>Scientific Reports</i> , 8, 03 April 2018, doi: https://doi.org/10.1038/s41598-018-23857-7 .
	# <u>GAO Libo</u> , <u>ZHANG Hongti</u> , # <u>SURJADI James Utama</u> , LI Peifeng, # <u>HAN Ying</u> , <u>SUN Dong</u> , <u>LU Yang</u> , "Mechanically stable ternary heterogeneous electrodes for energy storage and conversion", <i>Nanoscale</i> , 10(5), 03 January 2018, pp 2613-2622, doi: https://doi.org/10.1039/c7nr07789k .
	# <u>GAO Libo</u> , <u>SONG Jian</u> , JIAO Zengbao, LIAO Weibing, LUAN Junhua, # <u>SURJADI James Utama</u> , # <u>LI Junyang</u> , <u>ZHANG Hongti</u> , <u>SUN Dong</u> , LIU Chain Tsuan, <u>LU Yang</u> , "High-Entropy Alloy (HEA)-Coated Nanolattice Structures and Their Mechanical Properties", <i>Advanced Engineering Materials</i> , 20(1), 20 September 2017, doi: https://doi.org/10.1002/adem.201700625 .
	<u>LIAO Weibing</u> , LAN Si, # <u>GAO Libo</u> , <u>ZHANG Hongti</u> , # <u>XU Shang</u> , <u>SONG Jian</u> , WANG Xun-Li, <u>LU Yang</u> , "Nanocrystalline high-entropy alloy (CoCrFeNiAl _{0.3}) thin-film coating by magnetron sputtering", <i>Thin Solid Films</i> , 638, 05 August 2017, pp 383-388, doi: https://doi.org/10.1016/j.tsf.2017.08.006 .
	# <u>GAO Libo</u> , <u>LIAO Weibing</u> , <u>ZHANG Hongti</u> , # <u>SURJADI James Utama</u> , <u>SUN Dong</u> , <u>LU Yang</u> , "Microstructure, Mechanical and Corrosion Behaviors of CoCrFeNiAl _{0.3} High Entropy Alloy (HEA) Films", <i>COATINGS</i> , 7(10), 26 September 2017, doi: https://doi.org/10.3390/coatings7100156 .
GUO Yao	SHAO Zhanpeng, <u>LI You Fu</u> , # <u>GUO Yao</u> , ZHOU Xiaolong, "Describing Local Reference Frames for 3-D Motion Trajectory Recognition", <i>IEEE Access</i> , 6, 2018, pp 36115-36121, doi: https://doi.org/10.1109/ACCESS.2018.2849690 .
	# <u>GUO Yao</u> , <u>LI You Fu</u> , SHAO Zhanpeng, "On Multiscale Self-Similarities Description for Effective Three-Dimensional/Six-Dimensional Motion Trajectory Recognition", <i>IEEE Transactions on Industrial Informatics</i> , 13(6), 11 September 2017, pp 3017-3026, doi: https://doi.org/10.1109/TII.2017.2751072 .
	# <u>GUO Yao</u> , <u>LI You Fu</u> , SHAO Zhanpeng, "DSRF: A flexible trajectory descriptor for articulated human action recognition", <i>Pattern Recognition</i> , 76, 26 October 2017, pp 137-148, doi: https://doi.org/10.1016/j.patcog.2017.10.034 .
HOU Jundi	# <u>LUO Tao</u> , # <u>HOU Jundi</u> , CHEN Shuxun, <u>CHOW Yu Ting</u> , WANG Ran, # <u>MA Dongce</u> , ZHU Rong, <u>SUN Dong</u> , "Microfluidic single-cell array platform enabling week-scale clonal expansion under chemical/electrical stimuli", <i>Biomicrofluidics</i> , 11(5), September 2017, doi: https://doi.org/10.1063/1.5000917 .
HU Dinglong	<u>CUI Xin</u> , # <u>LIU Ya</u> , # <u>HU Dinglong</u> , QIAN Weiyi, <u>TIN Chung</u> , <u>SUN Dong</u> , CHEN Weiqiang, <u>LAM Hiu Wai Raymond</u> , "A fluorescent microbead-based microfluidic immunoassay chip for immune cell cytokine secretion quantification", <i>Lab on a Chip - Miniaturisation for</i>

Section A: Publications of PhD Students

	<i>Chemistry and Biology</i> , 18(3), 12 January 2018, pp 522-531, doi: https://doi.org/10.1039/c7lc01183k .
HU Shuhuan	#HU Shuhuan, CHEN Ting Hsuan, #ZHAO Yanhua, WANG Zuankai, LAM Hiu Wai Raymond, "Protein-Substrate Adhesion in Microcontact Printing Regulates Cell Behavior", <i>Langmuir</i> , 34(4), 05 January 2018, pp 1750-1759, doi: https://doi.org/10.1021/acs.langmuir.7b02935 . #HU Shuhuan, #LIU Ya, TIN Chung, LAM Hiu Wai Raymond, "Characterization of Cytoskeletal Pore Size Using Quantum Dots", <i>IEEE Transactions on Nanotechnology</i> , 17(3), 19 December 2017, pp 398-401, doi: https://doi.org/10.1109/TNANO.2017.2784962 . #HU Shuhuan, WANG Ran, TSANG Chi Man, TSAO Sai Wah, SUN Dong, LAM Hiu Wai Raymond, "Revealing elasticity of largely deformed cells flowing along confining microchannels", <i>RSC Advances</i> , 8(2), 03 January 2018, pp 1030-1038, doi: https://doi.org/10.1039/c7ra10750a .
HU Yuanchao	#HU Yuanchao, LI Yan-Wei, YANG Yong, GUAN Peng-Fei, BAI Hai-Yang, WANG Wei-Hua, "Configuration correlation governs slow dynamics of supercooled metallic liquids", <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 115(25), 04 June 2018, pp 6375-6380, doi: https://doi.org/10.1073/pnas.1802300115 .
HUAN Zhijie	#HUAN Zhijie, CHU Henry K., #LIU Hongbo, YANG Jie, SUN Dong, "Engineered bone scaffolds with Dielectrophoresis-based patterning using 3D printing", <i>Biomedical Microdevices</i> , 19(4), 13 November 2017, doi: https://doi.org/10.1007/s10544-017-0245-5 .
JIANG Chenchen	LI Peifeng, #JIANG Chenchen, #XU Shang, #ZHUANG Yu, #GAO Libo, HU Alice, WANG Hongtao, LU Yang, "In situ nanomechanical characterization of multi-layer MoS ₂ membranes: From intraplanar to interplanar fracture", <i>Nanoscale</i> , 9(26), 14 July 2017, pp 9119-9128, doi: https://doi.org/10.1039/C7NR02171B . #JIANG Chenchen, #LU Haojian, #CAO Ke, #WAN Wenfeng, SHEN Yajing, LU Yang, "In Situ SEM Torsion Test of Metallic Glass Microwires Based on Micro Robotic Manipulation", <i>Scanning</i> , 2017, 23 August 2017, doi: https://doi.org/10.1155/2017/6215691 . #JIANG Chenchen, ZHANG Hongti, SONG Jian, LU Yang, "Digital micromirror device (DMD)-based high-cycle tensile fatigue testing of 1D nanomaterials", <i>Extreme Mechanics Letters</i> , 18, 06 December 2017, pp 79-85, doi: https://doi.org/10.1016/j.eml.2017.11.005 . #JIANG Chenchen, #LU Haojian, ZHANG Hongti, SHEN Yajing, LU Yang, "Recent Advances on In Situ SEM Mechanical and Electrical Characterization of Low-Dimensional Nanomaterials", <i>Scanning</i> , 2017, 25 October 2017, doi: https://doi.org/10.1155/2017/1985149 .
LI Jing	LIU Chaoran, #SUN Jing, #LI Jing, XIANG Chenghao, CHE Lufeng, WANG Zuankai, ZHOU Xiaofeng, "Long-range spontaneous droplet self-propulsion on wettability gradient surfaces", <i>Scientific Reports</i> , 7, 08 August 2017, doi: https://doi.org/10.1038/s41598-017-07867-5 . #LI Jiaqian, ZHOU Xiaofeng, #LI Jing, CHE Lufeng, YAO Jun, MCHALE Glen, CHAUDHURY Manoj K., WANG Zuankai, "Topological liquid diode", <i>Science advances</i> , 3(10), 27 October 2017, doi: https://doi.org/10.1126/sciadv.aao3530 .
LI Junyang	#GAO Libo, SONG Jian, JIAO Zengbao, LIAO Weibing, LUAN Junhua, #SURJADI James Utama, #LI Junyang, ZHANG Hongti, SUN Dong, LIU Chain Tsuan, LU Yang, "High-Entropy Alloy (HEA)-Coated Nanolattice Structures and Their Mechanical Properties", <i>Advanced Engineering Materials</i> , 20(1), 20 September 2017, doi: https://doi.org/10.1002/adem.201700625 . #LI Junyang, #LI Xiaojian, #LUO Tao, WANG Ran, LIU Chichi, CHEN Shuxun, #LI Dongfang, YUE Jianbo, CHENG Shuk Han, SUN Dong, "Development of a magnetic microrobot for carrying and delivering targeted cells", <i>Science Robotics</i> , 3(19), 27 June 2018, doi: https://doi.org/10.1126/scirobotics.aat8829 . #NIU Fuzhou, #LI Junyang, #MA Weicheng, YANG Jie, SUN Dong, "Development of an Enhanced Electromagnetic Actuation System with Enlarged Workspace", <i>IEEE/ASME Transactions on Mechatronics</i> , 22(5), 21 August 2017, pp 2265-2276, doi: https://doi.org/10.1109/TMECH.2017.2743021 . #MA Weicheng, #LI Junyang, #NIU Fuzhou, JI Haibo, SUN Dong, "Robust Control to Manipulate a Microparticle with Electromagnetic Coil System", <i>IEEE Transactions on</i>

Section A: Publications of PhD Students

	<i>Industrial Electronics</i> , 64(11), November 2017, pp 8566-8577, doi: https://doi.org/10.1109/TIE.2017.2701759 .
LI Xiaojian	# LI Xiaojian , LIU Chichi , CHEN Shuxun , WANG Yong , CHENG Shuk Han , SUN Dong , "In Vivo Manipulation of Single Biological Cells With an Optical Tweezers-Based Manipulator and a Disturbance Compensation Controller", <i>IEEE Transactions on Robotics</i> , 33(5), October 2017, pp 1200-1212, doi: https://doi.org/10.1109/TRO.2017.2718554 .
	# LI Xiaojian , CHEN Shuxun , LIU Chichi , CHENG Shuk Han , WANG Yong , SUN Dong , "Development of a collision-avoidance vector based control algorithm for automated in-vivo transportation of biological cells", <i>Automatica</i> , 90, 17 February 2018, pp 147-156, doi: https://doi.org/10.1016/j.automatica.2017.12.022 .
	# LI Junyang , # LI Xiaojian , # LUO Tao , WANG Ran , LIU Chichi , CHEN Shuxun , # LI Dongfang , YUE Jianbo , CHENG Shuk Han , SUN Dong , "Development of a magnetic microrobot for carrying and delivering targeted cells", <i>Science Robotics</i> , 3(19), 27 June 2018, doi: https://doi.org/10.1126/scirobotics.aat8829 .
LI Yue	# LI Yue , LIU Lu , FENG Gang Gary , "Finite-Time H_{∞} Controller Synthesis of T-S Fuzzy Systems", <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 02 February 2018, doi: https://doi.org/10.1109/TSMC.2018.2792218 .
	# LI Yue , CHEN Baojie , PUN Yue Bun Edwin , LIN Hai , "Nanofiber electrospinning in samarium complex-doped PMMA", <i>New Journal of Chemistry</i> , 41(24), 30 October 2017, pp 15195-15203, doi: https://doi.org/10.1039/c7nj03043f .
LIM YAPHARY Yohannes	# LIM YAPHARY Yohannes , # YU Zechuan , LAM Hiu Wai Raymond , HUI David , LAU Denvid , "Molecular dynamics simulations on adhesion of epoxy-silica interface in salt environment", <i>Composites Part B: Engineering</i> , 131, 31 July 2017, pp 165-172, doi: https://doi.org/10.1016/j.compositesb.2017.07.038 .
LIN Xudong	# MA Lili , # LIN Xudong , # LI Cai , # XU Zoufeng , CHAN Chun-Yin , TSE Man Kit , SHI Peng , ZHU Guangyu , "A Cancer Cell-Selective and Low-Toxic Bifunctional Heterodinuclear Pt(IV)-Ru(II) Anticancer Prodrug", <i>Inorganic Chemistry</i> , 57(5), 13 February 2018, pp 2917-2924, doi: https://doi.org/10.1021/acs.inorgchem.8b00053 .
	# LIN Xudong , # WANG Ying , # CHEN Xian , YANG Runhuai , # WANG Zixun , # FENG Jingyu , WANG Haitao , LAI Wai Chiu King , HE Jufang , WANG Feng , SHI Peng , "Multiplexed Optogenetic Stimulation of Neurons with Spectrum-Selective Upconversion Nanoparticles", <i>Advanced healthcare materials</i> , 6(17), 10 August 2017, doi: https://doi.org/10.1002/adhm.201700446 .
	# LIN Xudong , # CHEN Xian , # ZHANG Wenchong , # SUN Tianying , # FANG Peilin , LIAO Qinghai , CHEN Xi , HE Jufang , LIU Ming , WANG Feng , SHI Peng , "Core-Shell-Shell Upconversion Nanoparticles with Enhanced Emission for Wireless Optogenetic Inhibition", <i>Nano Letters</i> , 18(2), 26 December 2017, pp 948-956, doi: https://doi.org/10.1021/acs.nanolett.7b04339 .
	# WANG Ying , # LIN Xudong , CHEN Xi , # CHEN Xian , # XU Zhen , # ZHANG Wenchong , LIAO Qinghai , DUAN Xin , WANG Xin , LIU Ming , WANG Feng , HE Jufang , SHI Peng , "Tetherless near-infrared control of brain activity in behaving animals using fully implantable upconversion microdevices", <i>Biomaterials</i> , 142, 12 July 2017, pp 136-148, doi: https://doi.org/10.1016/j.biomaterials.2017.07.017 .
LIN Yanyan	# LIN Yanyan , ZHOU Zhifeng , LI Kwok Yan , "Improved wear resistance at high contact stresses of hydrogen-free diamond-like carbon coatings by carbon/carbon multilayer architecture", <i>Applied Surface Science</i> , 15 November 2017, doi: https://doi.org/10.1016/j.apsusc.2017.11.118 .
LIU Chang	# LIU Chang , ZHOU Zhifeng , LI Kwok Yan , "Improved corrosion resistance of CoCrMo alloy with self-passivation ability facilitated by carbon ion implantation", <i>Electrochimica Acta</i> , 241, 01 July 2017, pp 331-340, doi: https://doi.org/10.1016/j.electacta.2017.04.127 .
LIU Song	XING Dengpeng , LIU Fangfang , # LIU Song , XU De , "Motion Control for Cylindrical Objects in Microscope's View Using a Projection Method-II: Collision Avoidance with Reduced Dimensional Guidance", <i>IEEE Transactions on Industrial Electronics</i> , 64(7), July 2017, pp 5534-5544, doi: https://doi.org/10.1109/TIE.2017.2677350 .
	XING Dengpeng , LIU Fangfang , # LIU Song , XU De , "Motion Control for Cylindrical Objects in Microscope's View Using a Projection Method-I: Collision Detection and Detach Control",

Section A: Publications of PhD Students

	<p><i>IEEE Transactions on Industrial Electronics</i>, 64(7), July 2017, pp 5524-5533, doi: https://doi.org/10.1109/TIE.2017.2677363.</p> <p>#LIU Song, LI You Fu, XING Deng-Peng, XU De, SU Hu, "An Efficient Insertion Control Method for Precision Assembly of Cylindrical Components", <i>IEEE Transactions on Industrial Electronics</i>, 64(12), December 2017, pp 9355-9365, doi: https://doi.org/10.1109/TIE.2017.2711551.</p>
LIU Ya	<p>#LUO Tao, #FAN Lei, ZENG Yixiao, #LIU Ya, CHEN Shuxun, TAN Qiulin, LAM Hiu Wai Raymond, SUN Dong, "A simplified sheathless cell separation approach using combined gravitational-sedimentation-based prefocusing and dielectrophoretic separation", <i>Lab on a Chip - Miniaturisation for Chemistry and Biology</i>, 18(11), 02 May 2018, pp 1521-1532, doi: https://doi.org/10.1039/c8lc00173a.</p> <p>#HU Shuhuan, #LIU Ya, TIN Chung, LAM Hiu Wai Raymond, "Characterization of Cytoskeletal Pore Size Using Quantum Dots", <i>IEEE Transactions on Nanotechnology</i>, 17(3), 19 December 2017, pp 398-401, doi: https://doi.org/10.1109/TNANO.2017.2784962.</p> <p>CUI Xin, #LIU Ya, #HU Dinglong, QIAN Weiyi, TIN Chung, SUN Dong, CHEN Weiqiang, LAM Hiu Wai Raymond, "A fluorescent microbead-based microfluidic immunoassay chip for immune cell cytokine secretion quantification", <i>Lab on a Chip - Miniaturisation for Chemistry and Biology</i>, 18(3), 12 January 2018, pp 522-531, doi: https://doi.org/10.1039/c7lc01183k.</p>
LUO Tao	<p>#LUO Tao, #HOU Jundi, CHEN Shuxun, CHOW Yu Ting, WANG Ran, #MA Dongce, ZHU Rong, SUN Dong, "Microfluidic single-cell array platform enabling week-scale clonal expansion under chemical/electrical stimuli", <i>Biomicrofluidics</i>, 11(5), September 2017, doi: https://doi.org/10.1063/1.5000917.</p> <p>#LUO Tao, #FAN Lei, ZENG Yixiao, #LIU Ya, CHEN Shuxun, TAN Qiulin, LAM Hiu Wai Raymond, SUN Dong, "A simplified sheathless cell separation approach using combined gravitational-sedimentation-based prefocusing and dielectrophoretic separation", <i>Lab on a Chip - Miniaturisation for Chemistry and Biology</i>, 18(11), 02 May 2018, pp 1521-1532, doi: https://doi.org/10.1039/c8lc00173a.</p> <p>#MA Dongce, WANG Ran, CHEN Shuxun, #LUO Tao, CHOW Yu Ting, SUN Dong, "Microfluidic platform for probing cancer cells migration property under periodic mechanical confinement", <i>Biomicrofluidics</i>, 12(2), April 2018, doi: https://doi.org/10.1063/1.5030135.</p> <p>#LI Junyang, #LI Xiaojian, #LUO Tao, WANG Ran, LIU Chichi, CHEN Shuxun, #LI Dongfang, YUE Jianbo, CHENG Shuk Han, SUN Dong, "Development of a magnetic microrobot for carrying and delivering targeted cells", <i>Science Robotics</i>, 3(19), 27 June 2018, doi: https://doi.org/10.1126/scirobotics.aat8829.</p>
MA Dongce	<p>#LUO Tao, #HOU Jundi, CHEN Shuxun, CHOW Yu Ting, WANG Ran, #MA Dongce, ZHU Rong, SUN Dong, "Microfluidic single-cell array platform enabling week-scale clonal expansion under chemical/electrical stimuli", <i>Biomicrofluidics</i>, 11(5), September 2017, doi: https://doi.org/10.1063/1.5000917.</p> <p>#MA Dongce, WANG Ran, CHEN Shuxun, #LUO Tao, CHOW Yu Ting, SUN Dong, "Microfluidic platform for probing cancer cells migration property under periodic mechanical confinement", <i>Biomicrofluidics</i>, 12(2), April 2018, doi: https://doi.org/10.1063/1.5030135.</p>
MA Weicheng	<p>#NIU Fuzhou, #LI Junyang, #MA Weicheng, YANG Jie, SUN Dong, "Development of an Enhanced Electromagnetic Actuation System with Enlarged Workspace", <i>IEEE/ASME Transactions on Mechatronics</i>, 22(5), 21 August 2017, pp 2265-2276, doi: https://doi.org/10.1109/TMECH.2017.2743021.</p> <p>#MA Weicheng, #LI Junyang, #NIU Fuzhou, JI Haibo, SUN Dong, "Robust Control to Manipulate a Microparticle with Electromagnetic Coil System", <i>IEEE Transactions on Industrial Electronics</i>, 64(11), November 2017, pp 8566-8577, doi: https://doi.org/10.1109/TIE.2017.2701759.</p>
NIU Fuzhou	<p>#NIU Fuzhou, #LI Junyang, #MA Weicheng, YANG Jie, SUN Dong, "Development of an Enhanced Electromagnetic Actuation System with Enlarged Workspace", <i>IEEE/ASME Transactions on Mechatronics</i>, 22(5), 21 August 2017, pp 2265-2276, doi: https://doi.org/10.1109/TMECH.2017.2743021.</p>

Section A: Publications of PhD Students

	# MA Weicheng , # LI Junyang , # NIU Fuzhou , JI Haibo , SUN Dong , "Robust Control to Manipulate a Microparticle with Electromagnetic Coil System", <i>IEEE Transactions on Industrial Electronics</i> , 64(11), November 2017, pp 8566-8577, doi: https://doi.org/10.1109/TIE.2017.2701759 .
SHI Zhen	# SHI Zhen , ZHOU Zhifeng , SHUM Po Wan , LI Kwok Yan , "Thermal stability, wettability and corrosion resistance of sputtered ceria films on 316 stainless steel", <i>Applied Surface Science</i> , 07 November 2017, doi: https://doi.org/10.1016/j.apsusc.2017.11.041 .
TAI Lei	# TAI Lei , LI Shaohua , LIU Ming , "Autonomous exploration of mobile robots through deep neural networks", <i>International Journal of Advanced Robotic Systems</i> , 14(4), 25 July 2017, pp 1-9, doi: https://doi.org/10.1177/1729881417703571 .
TANG Xin	# WU Guangfu , # TANG Xin , MEYYAPPAN M. , LAI Wai Chiu King , "Doping effects of surface functionalization on graphene with aromatic molecule and organic solvents", <i>Applied Surface Science</i> , 425, 08 July 2017, pp 713-721, doi: https://doi.org/10.1016/j.apsusc.2017.07.048 .
	# WU Guangfu , # DAI Ziwen , # TANG Xin , # LIN Zihong , LO Pik Kwan Peggy , MEYYAPPAN M. , LAI Wai Chiu King , "Graphene Field-Effect Transistors for the Sensitive and Selective Detection of Escherichia coli Using Pyrene-Tagged DNA Aptamer", <i>Advanced healthcare materials</i> , 6(19), 11 October 2017, doi: https://doi.org/10.1002/adhm.201700736 .
WAN Wenfeng	# JIANG Chenchen , # LU Haojian , # CAO Ke , # WAN Wenfeng , SHEN Yajing , LU Yang , "In Situ SEM Torsion Test of Metallic Glass Microwires Based on Micro Robotic Manipulation", <i>Scanning</i> , 2017, 23 August 2017, doi: https://doi.org/10.1155/2017/6215691 .
	# LI Dengfeng , YANG Lijun , SHANG Wanfeng , # LU Haojian , # WAN Wenfeng , SHEN Yajing , "In situ bending and recovery characterization of hollow glass nanoneedle based on nanorobotic manipulation", <i>Journal of Micromechanics and Microengineering</i> , 27(9), 21 August 2017, doi: https://doi.org/10.1088/1361-6439/aa843b .
WANG Meng	# WANG Meng , QIU Jianbin , FENG Gang Gary , "Finite Frequency Memory Output Feedback Controller Design for T-S Fuzzy Dynamical Systems", <i>IEEE Transactions on Fuzzy Systems</i> , 30 March 2018, doi: https://doi.org/10.1109/TFUZZ.2018.2821654 .
	# WANG Meng , QIU Jianbin , FENG Gang Gary , "Finite Frequency Filtering Design for Uncertain Discrete-Time Systems Using Past Output Measurements", <i>IEEE Transactions on Circuits and Systems. Part 1: Regular Papers</i> , 65(9), 24 April 2018, pp 3005-3013, doi: https://doi.org/10.1109/TCSI.2018.2824315 .
WANG Ying	# LIN Xudong , # WANG Ying , # CHEN Xian , YANG Runhuai , # WANG Zixun , # FENG Jingyu , WANG Haitao , LAI Wai Chiu King , HE Jufang , WANG Feng , SHI Peng , "Multiplexed Optogenetic Stimulation of Neurons with Spectrum-Selective Upconversion Nanoparticles", <i>Advanced healthcare materials</i> , 6(17), 10 August 2017, doi: https://doi.org/10.1002/adhm.201700446 .
	# WANG Ying , # LIN Xudong , CHEN Xi , # CHEN Xian , # XU Zhen , # ZHANG Wenchong , LIAO Qinghai , DUAN Xin , WANG Xin , LIU Ming , WANG Feng , HE Jufang , SHI Peng , "Tetherless near-infrared control of brain activity in behaving animals using fully implantable upconversion microdevices", <i>Biomaterials</i> , 142, 12 July 2017, pp 136-148, doi: https://doi.org/10.1016/j.biomaterials.2017.07.017 .
WANG Yufan	# WANG Yufan , # CHEN Meng , # WANG Xinyu , CHAN Ho Man , LI Wen Jung , "IoT for Next-Generation Racket Sports Training", <i>IEEE Internet of Things Journal</i> , 16 May 2018, doi: https://doi.org/10.1109/IIOT.2018.2837347 .
	# WANG Yufan , ZHAO Yuliang , CHAN Ho Man , LI Wen Jung , "Volleyball Skill Assessment Using a Single Wearable Micro Inertial Measurement Unit at Wrist", <i>IEEE Access</i> , 6, 11 January 2018, pp 13758-13765, doi: https://doi.org/10.1109/ACCESS.2018.2792220 .
WU Chun	# CAI Junjie , # WU Chun , # YANG Shaoran , # ZHU Ying , SHEN Pei Kang , ZHANG Kaili , "Templated and catalytic fabrication of N-doped hierarchical porous carbon-carbon nanotube hybrids as host for lithium-sulfur batteries", <i>ACS applied materials & interfaces</i> , 9(39), 15 September 2017, pp 33876-33886, doi: https://doi.org/10.1021/acsami.7b09808 .
	# YANG Shaoran , # WU Chun , # CAI Junjie , # ZHU Ying , ZHANG Hongti , LU Yang , ZHANG Kaili , "Seed-assisted smart construction of high mass loading Ni-Co-Mn hydroxide nanoflakes for supercapacitor applications", <i>Journal of Materials Chemistry A</i> , 5(32), 28 August 2017, pp 16776-16785, doi: https://doi.org/10.1039/c7ta03932h .

Section A: Publications of PhD Students

	# <u>ZHU Ying</u> , <u>ZHOU Xiang</u> , # <u>WU Chun</u> , <u>CHENG Hua</u> , <u>LU Zhouguang</u> , <u>ZHANG Kaili</u> , "Si Wire Supported MnO ₂ /Al/Fluorocarbon 3D Core/Shell Nanoenergetic Arrays with Long-Term Storage Stability", <i>Scientific Reports</i> , 7, 27 July 2017, doi: https://doi.org/10.1038/s41598-017-07148-1 .
WU Guangfu	# <u>WU Guangfu</u> , <u>MEYYAPPAN Meyya</u> , <u>LAI Wai Chiu King</u> , "Simulation of graphene field-effect transistor biosensors for bacterial detection", <i>Sensors</i> , 18(6), 25 May 2018, doi: https://doi.org/10.3390/s18061715 .
	# <u>WU Guangfu</u> , # <u>TANG Xin</u> , <u>MEYYAPPAN M.</u> , <u>LAI Wai Chiu King</u> , "Doping effects of surface functionalization on graphene with aromatic molecule and organic solvents", <i>Applied Surface Science</i> , 425, 08 July 2017, pp 713-721, doi: https://doi.org/10.1016/j.apsusc.2017.07.048 .
	# <u>WU Guangfu</u> , # <u>DAI Ziwen</u> , # <u>TANG Xin</u> , # <u>LIN Zihong</u> , <u>LO Pik Kwan Peggy</u> , <u>MEYYAPPAN M.</u> , <u>LAI Wai Chiu King</u> , "Graphene Field-Effect Transistors for the Sensitive and Selective Detection of Escherichia coli Using Pyrene-Tagged DNA Aptamer", <i>Advanced healthcare materials</i> , 6(19), 11 October 2017, doi: https://doi.org/10.1002/adhm.201700736 .
XU Shang	<u>LI Peifeng</u> , # <u>JIANG Chenchen</u> , # <u>XU Shang</u> , # <u>ZHUANG Yu</u> , # <u>GAO Libo</u> , <u>HU Alice</u> , <u>WANG Hongtao</u> , <u>LU Yang</u> , "In situ nanomechanical characterization of multi-layer MoS ₂ membranes: From intraplanar to interplanar fracture", <i>Nanoscale</i> , 9(26), 14 July 2017, pp 9119-9128, doi: https://doi.org/10.1039/C7NR02171B .
	<u>WANG Binjun</u> , # <u>HAN Ying</u> , # <u>XU Shang</u> , <u>QIU Lu</u> , <u>DING Feng</u> , <u>LOU Jun</u> , <u>LU Yang</u> , "Mechanically Assisted Self-Healing of Ultrathin Gold Nanowires", <i>Small</i> , 14(20), 17 April 2018, doi: https://doi.org/10.1002/smll.201704085 .
	# <u>XU Shang</u> , <u>LI Peifeng</u> , <u>LU Yang</u> , "In situ atomic-scale analysis of Rayleigh instability in ultrathin gold nanowires", <i>Nano Research</i> , 11(2), 15 August 2017, pp 625-632, doi: https://doi.org/10.1007/s12274-017-1667-3 .
	<u>LIAO Weibing</u> , <u>LAN Si</u> , # <u>GAO Libo</u> , <u>ZHANG Hongti</u> , # <u>XU Shang</u> , <u>SONG Jian</u> , <u>WANG Xun-Li</u> , <u>LU Yang</u> , "Nanocrystalline high-entropy alloy (CoCrFeNiAl _{0.3}) thin-film coating by magnetron sputtering", <i>Thin Solid Films</i> , 638, 05 August 2017, pp 383-388, doi: https://doi.org/10.1016/j.tsf.2017.08.006 .
	XU Xiang
	# <u>XU Xiang</u> , <u>LIU Lu</u> , <u>FENG Gang Gary</u> , "Stabilization of linear systems with distributed infinite input delays: A low gain approach", <i>Automatica</i> , 94, 29 May 2018, pp 396-408, doi: https://doi.org/10.1016/j.automatica.2018.04.049 .
	# <u>XU Xiang</u> , <u>LIU Lu</u> , <u>FENG Gang Gary</u> , "Consensus of heterogeneous linear multiagent systems with communication time-delays", <i>IEEE Transactions on Cybernetics</i> , 47(8), August 2017, pp 1820-1829, doi: https://doi.org/10.1109/TCYB.2017.2702635 .
	# <u>XU Xiang</u> , <u>LIU Lu</u> , <u>FENG Gang Gary</u> , "Consensus of Discrete-Time Linear Multiagent Systems with Communication, Input and Output Delays", <i>IEEE Transactions on Automatic Control</i> , 63(2), February 2018, pp 492-497, doi: https://doi.org/10.1109/TAC.2017.2720703 .
XU Zhen	# <u>XU Zhen</u> , # <u>WANG Wei</u> , # <u>REN Yutian</u> , # <u>ZHANG Wenchong</u> , # <u>FANG Peilin</u> , <u>HUANG Linfeng</u> , <u>WANG Xin</u> , <u>SHI Peng</u> , "Regeneration of cortical tissue from brain injury by implantation of defined molecular gradient of semaphorin 3A", <i>Biomaterials</i> , 157, 12 December 2017, pp 125-135, doi: https://doi.org/10.1016/j.biomaterials.2017.12.010 .
	# <u>WANG Ying</u> , # <u>LIN Xudong</u> , <u>CHEN Xi</u> , # <u>CHEN Xian</u> , # <u>XU Zhen</u> , # <u>ZHANG Wenchong</u> , <u>LIAO Qinghai</u> , <u>DUAN Xin</u> , <u>WANG Xin</u> , <u>LIU Ming</u> , <u>WANG Feng</u> , <u>HE Jufang</u> , <u>SHI Peng</u> , "Tetherless near-infrared control of brain activity in behaving animals using fully implantable upconversion microdevices", <i>Biomaterials</i> , 142, 12 July 2017, pp 136-148, doi: https://doi.org/10.1016/j.biomaterials.2017.07.017 .
YE Yifan	# <u>YE Yifan</u> , <u>ZHANG Y. H.</u> , # <u>HE Quanfeng</u> , # <u>ZHUANG Yu</u> , <u>WANG Song</u> , <u>SHI S. Q.</u> , <u>HU Alice</u> , <u>FAN Jun</u> , <u>YANG Yong</u> , "Atomic-scale distorted lattice in chemically disordered equimolar complex alloys", <i>Acta Materialia</i> , 150, 09 March 2018, pp 182-194, doi: https://doi.org/10.1016/j.actamat.2018.03.008 .

Section A: Publications of PhD Students

	<p><u>WANG Qing</u>, <u>LIU J. J.</u>, <u>#YE Yifan</u>, <u>LIU T. T.</u>, <u>WANG Song</u>, <u>LIU Chain Tsuan</u>, <u>LU Jian</u>, <u>YANG Yong</u>, "Universal secondary relaxation and unusual brittle-to-ductile transition in metallic glasses", <i>Materials Today</i>, 20(6), July 2017, pp 293-300, doi: https://doi.org/10.1016/j.mattod.2017.05.007.</p> <p><u>#HE Quanfeng</u>, <u>#DING Zhaoyi</u>, <u>#YE Yifan</u>, <u>YANG Yong</u>, "Design of High-Entropy Alloy: A Perspective from Nonideal Mixing", <i>JOM</i>, 69(11), 10 July 2017, pp 2092-2098, doi: https://doi.org/10.1007/s11837-017-2452-1.</p> <p><u>#HE Quanfeng</u>, <u>#YE Yifan</u>, <u>YANG Yong</u>, "Formation of Random Solid Solution in Multicomponent Alloys: from Hume-Rothery Rules to Entropic Stabilization", <i>Journal of Phase Equilibria and Diffusion</i>, 38(4), August 2017, pp 416-425, doi: https://doi.org/10.1007/s11669-017-0560-9.</p>
ZHAN Yuexing	<p><u>#ZHAN Yuexing</u>, <u>PAN Yihui</u>, <u>#CHEN Bing</u>, <u>LU Jian</u>, <u>ZHONG Zheng</u>, <u>NIU Xinrui</u>, "Strain rate dependent hyperelastic stress-stretch behavior of a silica nanoparticle reinforced poly (ethylene glycol) diacrylate nanocomposite hydrogel", <i>Journal of the Mechanical Behavior of Biomedical Materials</i>, 75, 21 July 2017, pp 236-243, doi: https://doi.org/10.1016/j.jmbbm.2017.07.029.</p>
ZHANG Wenchong	<p><u>#LIN Xudong</u>, <u>#CHEN Xian</u>, <u>#ZHANG Wenchong</u>, <u>#SUN Tianying</u>, <u>#FANG Peilin</u>, <u>LIAO Qinghai</u>, <u>CHEN Xi</u>, <u>HE Jufang</u>, <u>LIU Ming</u>, <u>WANG Feng</u>, <u>SHI Peng</u>, "Core-Shell-Shell Upconversion Nanoparticles with Enhanced Emission for Wireless Optogenetic Inhibition", <i>Nano Letters</i>, 18(2), 26 December 2017, pp 948-956, doi: https://doi.org/10.1021/acs.nanolett.7b04339.</p> <p><u>#XU Zhen</u>, <u>#WANG Wei</u>, <u>#REN Yutian</u>, <u>#ZHANG Wenchong</u>, <u>#FANG Peilin</u>, <u>HUANG Linfeng</u>, <u>WANG Xin</u>, <u>SHI Peng</u>, "Regeneration of cortical tissue from brain injury by implantation of defined molecular gradient of semaphorin 3A", <i>Biomaterials</i>, 157, 12 December 2017, pp 125-135, doi: https://doi.org/10.1016/j.biomaterials.2017.12.010.</p> <p><u>#WANG Ying</u>, <u>#LIN Xudong</u>, <u>CHEN Xi</u>, <u>#CHEN Xian</u>, <u>#XU Zhen</u>, <u>#ZHANG Wenchong</u>, <u>LIAO Qinghai</u>, <u>DUAN Xin</u>, <u>WANG Xin</u>, <u>LIU Ming</u>, <u>WANG Feng</u>, <u>HE Jufang</u>, <u>SHI Peng</u>, "Tetherless near-infrared control of brain activity in behaving animals using fully implantable upconversion microdevices", <i>Biomaterials</i>, 142, 12 July 2017, pp 136-148, doi: https://doi.org/10.1016/j.biomaterials.2017.07.017.</p>
ZHAO Yanhua	<p><u>#HU Shuhuan</u>, <u>CHEN Ting Hsuan</u>, <u>#ZHAO Yanhua</u>, <u>WANG Zuankai</u>, <u>LAM Hiu Wai Raymond</u>, "Protein-Substrate Adhesion in Microcontact Printing Regulates Cell Behavior", <i>Langmuir</i>, 34(4), 05 January 2018, pp 1750-1759, doi: https://doi.org/10.1021/acs.langmuir.7b02935.</p> <p><u>#ZHAO Yanhua</u>, <u>WU Yang</u>, <u>WANG Liang</u>, <u>#ZHANG Manman</u>, <u>#CHEN Xuan</u>, <u>#LIU Minjie</u>, <u>FAN Jun</u>, <u>LIU Junqiu</u>, <u>ZHOU Feng</u>, <u>WANG Zuankai</u>, "Bio-inspired reversible underwater adhesive", <i>Nature Communications</i>, 8(1), 20 December 2017, doi: https://doi.org/10.1038/s41467-017-02387-2.</p>
ZHAO Yilu	<p><u>HAN Bin</u>, <u>WEI Jie</u>, <u>TONG Yang</u>, <u>#CHEN Da</u>, <u>#ZHAO Yilu</u>, <u>WANG Jing</u>, <u>HE Feng</u>, <u>#YANG Tao</u>, <u>ZHAO Can</u>, <u>SHIMIZU Yasuo</u>, <u>INOUE Koji</u>, <u>NAGAI Yasuyoshi</u>, <u>HU Alice</u>, <u>LIU Chain Tsuan</u>, <u>KAI Ji-jung</u>, "Composition evolution of gamma prime nanoparticles in the Ti-doped CoFeCrNi high entropy alloy", <i>Scripta Materialia</i>, 148, 09 February 2018, pp 42-46, doi: https://doi.org/10.1016/j.scriptamat.2018.01.025.</p> <p><u>#ZHAO Yilu</u>, <u>#YANG Tao</u>, <u>TONG Yang</u>, <u>WANG Junli</u>, <u>LUAN Junhua</u>, <u>JIAO Zengbao</u>, <u>#CHEN Da</u>, <u>YANG Yang</u>, <u>HU Alice</u>, <u>LIU Chain Tsuan</u>, <u>KAI Ji-jung</u>, "Heterogeneous precipitation behavior and stacking-fault-mediated deformation in a CoCrNi-based medium-entropy alloy", <i>Acta Materialia</i>, 138, 14 July 2017, pp 72-82, doi: https://doi.org/10.1016/j.actamat.2017.07.029.</p> <p><u>#ZHAO Yilu</u>, <u>#YANG Tao</u>, <u>ZHU J. H.</u>, <u>#CHEN Da</u>, <u>YANG Yong</u>, <u>HU Alice</u>, <u>LIU Chain Tsuan</u>, <u>KAI Ji-jung</u>, "Development of high-strength Co-free high-entropy alloys hardened by nanosized precipitates", <i>Scripta Materialia</i>, 148, 09 February 2018, pp 51-55, doi: https://doi.org/10.1016/j.scriptamat.2018.01.028.</p> <p><u>#YANG Tao</u>, <u>#ZHAO Yilu</u>, <u>LIU Weihong</u>, <u>KAI Ji-jung</u>, <u>LIU Chain Tsuan</u>, "L1₂-strengthened high-entropy alloys for advanced structural applications", <i>Journal of Materials Research</i>, 22 June 2018, doi: https://doi.org/10.1557/jmr.2018.186.</p>
ZHAO Zichen	<p><u>#ZHAO Zichen</u>, <u>#BAO Yuanye</u>, <u>#CHU Lok Ting</u>, <u>HO Kin Lim John</u>, <u>CHIENG Ching-chang</u>, <u>CHEN Ting Hsuan</u>, "Microfluidic bead trap as a visual bar for quantitative detection of</p>

Section A: Publications of PhD Students

	oligonucleotides", <i>Lab on a Chip - Miniaturisation for Chemistry and Biology</i> , 17(19), 23 August 2017, pp 3240-3245, doi: https://doi.org/10.1039/c7lc00836h .
ZHOU Wei	#ZHOU Wei, ZHOU Wenzhong, "Solid Mechanics Behavior of UO ₂ -36.4vol % BeO Fuel Pellets with Zircaloy, SiC, FeCrAl and Surface-Coated Claddings", <i>Transactions of the American Nuclear Society</i> , 118, June 2018, pp 1430-1432.
	#ZHOU Wei, ZHOU Wenzhong, "Enhanced thermal conductivity accident tolerant fuels for improved reactor safety – A comprehensive review", <i>Annals of Nuclear Energy</i> , 119, 30 April 2018, pp 66-86, doi: https://doi.org/10.1016/j.anucene.2018.04.040 .
	#ZHOU Wei, ZHOU Wenzhong, "Thermophysical and mechanical analyses of UO ₂ -36.4vol % BeO fuel pellets with zircaloy, SiC, and FeCrAl claddings", <i>Metals</i> , 8(1), 18 January 2018, doi: https://doi.org/10.3390/met8010065 .
ZHU Ying	#WU Shuilin, ZHANG Zhenyu, LAN Minhuan, #YANG Shaoran, #CHENG Junye, #CAI Junjie, SHEN Jianhua, #ZHU Ying, ZHANG Kaili, ZHANG Wenjun, "Lithiophilic Cu-CuO-Ni Hybrid Structure: Advanced Current Collectors Toward Stable Lithium Metal Anodes", <i>Advanced Materials</i> , 30(9), 12 January 2018, doi: https://doi.org/10.1002/adma.201705830 .
	#CAI Junjie, #WU Chun, #YANG Shaoran, #ZHU Ying, SHEN Pei Kang, ZHANG Kaili, "Templated and catalytic fabrication of N-doped hierarchical porous carbon-carbon nanotube hybrids as host for lithium-sulfur batteries", <i>ACS applied materials & interfaces</i> , 9(39), 15 September 2017, pp 33876-33886, doi: https://doi.org/10.1021/acsami.7b09808 .
	#YANG Shaoran, #WU Chun, #CAI Junjie, #ZHU Ying, ZHANG Hongti, LU Yang, ZHANG Kaili, "Seed-assisted smart construction of high mass loading Ni-Co-Mn hydroxide nanoflakes for supercapacitor applications", <i>Journal of Materials Chemistry A</i> , 5(32), 28 August 2017, pp 16776-16785, doi: https://doi.org/10.1039/c7ta03932h .
	#ZHU Ying, #MA Xiaoxia, ZHANG Kaili, "纳米结构 MnO ₂ /Al 含能复合物的制备及其反应特性研究", <i>Initiators & Pyrotechnics</i> , (1), February 2018, pp 23-27, doi: https://doi.org/10.3969/j.issn.1003-1480.2018.01.006 .
	#ZHU Ying, ZHOU Xiang, #WU Chun, CHENG Hua, LU Zhouguang, ZHANG Kaili, "Si Wire Supported MnO ₂ /Al/Fluorocarbon 3D Core/Shell Nanoenergetic Arrays with Long-Term Storage Stability", <i>Scientific Reports</i> , 7, 27 July 2017, doi: https://doi.org/10.1038/s41598-017-07148-1 .
Conference papers	
GUO Yao	#GUO Yao, LI You Fu, SHAO Zhanpeng, "MSM-HOG: A flexible trajectory descriptor for rigid body motion recognition", <i>2017 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS)</i> , Vancouver Convention Centre, Vancouver, BC, Canada, 24-28 September 2017, pp 4298-4303, (ISBN: 9781538626825,9781538626832).
	#GUO Yao, LI You Fu, SHAO Zhanpeng, "On Double-level Kernel Self-similarities for 3D Motion Trajectory Description and Recognition", <i>Proceedings of The 2017 IEEE International Conference on Real-time Computing and Robotics (RCAR)</i> , Okinawa, Japan, 14-18 July 2017, pp 657-662, (ISBN: 9781538620342,9781538620359,9781538620366).
LI Xiaojian	#LI Xiaojian, CHEN Shuxun, WANG Yong, SUN Dong, "Design of an Automated Controller with Collision-avoidance Capability for in-vivo Transportation of Biological Cells", <i>IROS VANCOUVER 2017 - IEEE/RSJ International Conference on Intelligent Robots and Systems - Conference Digest</i> , Vancouver Convention Centre, Vancouver, BC, Canada, 24-28 September 2017, pp 1146-1151, (ISBN: 9781538626818,9781538626825,9781538626832).
NG Ee Huei	#MU Bingguo, #NG Ee Huei, CHIRARATTANANON Pakpong, "Adaptive Control for Multirotor Systems with Completely Uncertain Dynamics", <i>Proceedings of the 2017 IEEE International Conference on Robotics and Biomimetics</i> , Parisian Macao, Macau, China, 05-08 December 2017, pp 2225-2230, (ISBN: 978-1-5386-3742-5).
TAI Lei	#TAI Lei, PAOLO Giuseppe, LIU Ming, "Virtual-to-real Deep Reinforcement Learning: Continuous Control of Mobile Robots for Mapless Navigation", <i>2017 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS)</i> , Vancouver Convention Centre, Vancouver, BC, Canada, 24-28 September 2017, pp 31-36, (ISBN: 9781538626825).
	#TAI Lei, #YE Haoyang, YE Qiong, LIU Ming, "PCA-aided fully convolutional networks for semantic segmentation of multi-channel fMRI", <i>Proceedings of the 2017 18th International</i>

Section A: Publications of PhD Students

	<i>Conference on Advanced Robotics (ICAR)</i> , Hong Kong, China, 10-12 July 2017, pp 124-130, (ISBN: 978-1-5386-3157-7).
TANG Xin	#TANG Xin, #WU Guangfu, LAI Wai Chiu King, "Interband and intraband optical transitions in mercury chalcogenide colloidal quantum dots", <i>2017 IEEE 17th International Conference on Nanotechnology (IEEE-NANO)</i> , Pittsburgh Marriott City Center, Pittsburgh, United States, 25-28 July 2017, pp 641-644, (ISBN: 9781509030286,9781509030293).
	#WU Guangfu, #TANG Xin, #LIN Zihong, MEYYAPPAN Meyya, LAI Wai Chiu King, "The effect of ionic strength on the sensing performance of liquid-gated biosensors", <i>2017 IEEE 17th International Conference on Nanotechnology (IEEE-NANO)</i> , Pittsburgh Marriott City Center, Pittsburgh, United States, 25-28 July 2017, pp 242-245, (ISBN: 9781509030286,9781509030293).
WAN Wenfeng	#LU Haojian, #WAN Wenfeng, SHEN Yajing, "Miniature Rotation Robot for Full-orientation Imaging under Microscopy", <i>Proceedings of the 2017 IEEE International Conference on Robotics and Biomimetics</i> , City University of Hong Kong and Beijing Institute of Technology, Macau SAR, China, 05-08 December 2017, (ISBN: 9781538637418,9781538637425,9781538637432).
	#WAN Wenfeng, #LU Haojian, SHEN Yajing, "Rotational nanorobotic manipulation system with increment alignment method for multi-directional defect characterization inside SEM", <i>2017 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS)</i> , Vancouver Convention Centre, Vancouver, BC, Canada, 24-28 September 2017, pp 1901-1906, (ISBN: 9781538626825,9781538626832).
	#WAN Wenfeng, LIU Yang, #LU Haojian, SHEN Yajing, "Multi-directional characterization for pollen tubes based on a nanorobotic manipulation system", <i>Intelligent Robotics and Applications : 10th International Conference, ICIRA 2017 Wuhan, China, August 16–18, 2017 Proceedings, Part I</i> , East lake hotel international conference center, Wuhan, China, 15-18 August 2017, pp 84-93, (ISBN: 978-3-319-65289-4,9783319652887).
WU Guangfu	#TANG Xin, #WU Guangfu, LAI Wai Chiu King, "Interband and intraband optical transitions in mercury chalcogenide colloidal quantum dots", <i>2017 IEEE 17th International Conference on Nanotechnology (IEEE-NANO)</i> , Pittsburgh Marriott City Center, Pittsburgh, United States, 25-28 July 2017, pp 641-644, (ISBN: 9781509030286,9781509030293).
	#WU Guangfu, #TANG Xin, #LIN Zihong, MEYYAPPAN Meyya, LAI Wai Chiu King, "The effect of ionic strength on the sensing performance of liquid-gated biosensors", <i>2017 IEEE 17th International Conference on Nanotechnology (IEEE-NANO)</i> , Pittsburgh Marriott City Center, Pittsburgh, United States, 25-28 July 2017, pp 242-245, (ISBN: 9781509030286,9781509030293).
	#GAO Qi, #WU Guangfu, LAI Wai Chiu King, "Calibration of lateral force of AFM measurement", <i>Proceedings of the 17th IEEE International Conference on Nanotechnology</i> , Pittsburgh Marriott City Center, Pittsburgh, United States, 25-28 July 2017, pp 121-124, (ISBN: 978-1-5090-3028-6).
XU Xiang	#XU Xiang, LIU Lu, FENG Gang Gary, "Consensus of Single Integrator Multi-Agent Systems with Unbounded Transmission Delays", <i>2017 13th IEEE International Conference on Control & Automation (ICCA)</i> , Metropol Lake Resort, Ohrid, Macedonia, The Former Yugoslav Republic of, 03-06 July 2017, pp 554-558, (ISBN: 9781538626788,9781538626795,9781538626801).
YE Haoyang	#TAI Lei, #YE Haoyang, YE Qiong, LIU Ming, "PCA-aided fully convolutional networks for semantic segmentation of multi-channel fMRI", <i>Proceedings of the 2017 18th International Conference on Advanced Robotics (ICAR)</i> , Hong Kong, China, 10-12 July 2017, pp 124-130, (ISBN: 978-1-5386-3157-7).
ZHANG Wenchong	LIAO Qinghai, LIU Ming, #ZHANG Wenchong, SHI Peng, "Visual tracking and servoing system for experiment of optogenetic control of brain activity", <i>Computer Vision Systems - 11th International Conference, ICVS 2017, Shenzhen, China, July 10-13, 2017, Revised Selected Papers</i> , Shenzhen, China, 10-13 July 2017, pp 543-552, (ISBN: 978-3-319-68344-7,978-3-319-68345-4).
ZHOU Wei	#ZHOU Wei, LIU Rong, ZHOU Wenzhong, "Enhanced Thermal Conductivity UO ₂ -GaN Fuel, Proposed Fabrication Methods and Multiphysics Fuel Behavior Analysis", <i>Proceedings of the 2017 25th International Conference on Nuclear Engineering (ICONE25)</i> , Shanghai

Section A: Publications of PhD Students

	International Convention Center, Shanghai, China, 02-06 July 2017, (ISBN: 9780791857878,9784888982566).
Patents, agreements, assignments and companies	
LIN Xudong	<u>SHI Peng</u> , # <u>LIN Xudong</u> , Systems and Methods for Automated Handling of Live Organisms, Patent No.: 9897593, United States, 20 February 2018.
WAN Wenfeng	<u>SHEN Yajing</u> , <u>ZHANG Lijun</u> , # <u>WAN Wenfeng</u> , System and Method for Manipulating an Object for Imaging, Patent No.: US9,921,400, United States, 20 March 2018.
All other outputs	
GAO Libo	# <u>GAO Libo</u> , <u>LU Yang</u> , Best Student Presentation Award, The 22nd Annual Conference of HKSTAM cum The 14th Shanghai-Hong Kong Forum on Mechanics and Its Application , Hong Kong, 14 April 2018.
GUO Yao	# <u>GUO Yao</u> , <i>Invariant Descriptions for Rigid Body Motion Trajectory Representation and Recognition</i> , PhD Thesis, Department of Mechanical and Biomedical Engineering, City University of Hong Kong, Hong Kong, PRC, 04 December 2017.
HOU Jundi	# <u>HOU Jundi</u> , <i>A Study on the Mechanical and Biological Properties of Single Cells with Microengineering Tools</i> , PhD Thesis, Department of Mechanical and Biomedical Engineering, City University of Hong Kong, Hong Kong, PRC, 12 January 2018.
HU Shuhuan	# <u>HU Shuhuan</u> , <i>Investigating Biomechanical Behaviors of Single Cells Using Micro-engineered Systems</i> , PhD Thesis, Department of Mechanical and Biomedical Engineering, City University of Hong Kong, Hong Kong, PRC, 07 December 2017.
HU Yuanchao	# <u>HU Yuanchao</u> , <i>Structural and Dynamic Heterogeneities of Supercooled Liquids and Metallic Glasses</i> , PhD Thesis, Department of Mechanical and Biomedical Engineering, City University of Hong Kong, Hong Kong, PRC, 11 June 2018.
LI Junyang	# <u>LI Junyang</u> , <i>Investigation of a Magnetic Microrobot for Carrying and Delivering Biological Cells Based on 3D Laser Lithography</i> , PhD Thesis, Department of Mechanical and Biomedical Engineering, City University of Hong Kong, Hong Kong, PRC, 13 December 2017.
LI Wai Tsun Vincent	# <u>LI Wai Tsun Vincent</u> , <i>Development of Bioelectrical Microsensor for Waterborne Radioactivity Detection</i> , PhD Thesis, Department of Biology and Chemistry, Department of Mechanical and Biomedical Engineering, City University of Hong Kong, Hong Kong, PRC, 29 January 2018.
LIN Yanyan	# <u>LIN Yanyan</u> , <i>Multilayer Diamond-like Carbon (DLC) Coatings Deposited by Magnetron Sputtering to Enhance Wear Resistance at High Contact Stresses</i> , PhD Thesis, Department of Mechanical and Biomedical Engineering, City University of Hong Kong, Hong Kong, PRC, 22 January 2018.
LIU Guo	# <u>LIU Guo</u> , <i>Four-Dimensional Printing of Elastomer-Derived Ceramic Structures</i> , PhD Thesis, Department of Mechanical and Biomedical Engineering, City University of Hong Kong, Hong Kong, PRC, 07 June 2018.
MENG Ke	# <u>MENG Ke</u> , <i>Robot-Assisted Automated Manipulation of Microparticle in Complex Biological Micro-Environment</i> , PhD Thesis, Department of Mechanical and Biomedical Engineering, City University of Hong Kong, Hong Kong, PRC, 11 June 2018.
NIU Fuzhou	# <u>NIU Fuzhou</u> , <i>Development of an Electromagnetic Microrobotic Manipulation System</i> , PhD Thesis, Department of Mechanical and Biomedical Engineering, City University of Hong Kong, Hong Kong, PRC, 15 November 2017.
OUYANG Bo	# <u>OUYANG Bo</u> , <i>The Study of Continuum Robot Design and Control for Minimally Invasive Surgery</i> , PhD Thesis, Department of Mechanical and Biomedical Engineering, City University of Hong Kong, Hong Kong, PRC, 11 May 2018.
TANG Xin	# <u>TANG Xin</u> , <i>Design and Fabrication of Multispectral Infrared Photodetectors by Using Low-dimensional Nanomaterials</i> , PhD Thesis, Department of Mechanical and Biomedical Engineering, City University of Hong Kong, Hong Kong, PRC, 17 July 2017.
WAN Wenfeng	# <u>WAN Wenfeng</u> , <i>Nanorobotic System for Multi-directional Imaging and in-situ Characterization under Microscopy</i> , PhD Thesis, Department of Mechanical and Biomedical Engineering, City University of Hong Kong, Hong Kong, PRC, 11 December 2017.
WANG Ying	# <u>WANG Ying</u> , <i>Neural Interface Based on Nanomaterials for Transfecting and Stimulating Neuron Cells</i> , PhD Thesis, Department of Mechanical and Biomedical Engineering, City University of Hong Kong, Hong Kong, PRC, 25 January 2018.

Section A: Publications of PhD Students

WU Chun	# WU Chun , <i>New Nanostructured Transition Metal Oxides for High-Performance Supercapacitors</i> , PhD Thesis, Department of Mechanical and Biomedical Engineering, City University of Hong Kong, Hong Kong, PRC, 28 July 2017.
WU Guangfu	# WU Guangfu , <i>Sensing Probe-Modified Graphene Field-Effect Transistors for Food Safety Monitoring</i> , PhD Thesis, Department of Mechanical and Biomedical Engineering, City University of Hong Kong, Hong Kong, PRC, 26 March 2018.
XU Bingzhe	# XU Bingzhe , <i>Tissue Engineering Based Bio-Electromechanical Hybrid Robotic Systems for Biomedical Applications</i> , PhD Thesis, Department of Mechanical and Biomedical Engineering, City University of Hong Kong, Hong Kong, PRC, 03 January 2018.
XU Zhen	# XU Zhen , <i>High Throughput Interrogation of Neuronal Chemotaxis and Its Application in Brain Regeneration from Injuries</i> , PhD Thesis, Department of Mechanical and Biomedical Engineering, City University of Hong Kong, Hong Kong, PRC, 30 April 2018.
YANG Chengpeng	# YANG Chengpeng , <i>Development of a Microfluidic Biosensing Platform for Quantification of Radiation-Induced DNA Damage</i> , PhD Thesis, Department of Mechanical and Biomedical Engineering, City University of Hong Kong, Hong Kong, PRC, 15 December 2017.
ZHANG Wenchong	# ZHANG Wenchong , <i>Optogenetic Stimulation and Inhibition in Parkinsonian Rodents Reveal a Therapeutic Mechanism by Indirect Modulation of Motor Cortical Activity</i> , PhD Thesis, Department of Mechanical and Biomedical Engineering, City University of Hong Kong, Hong Kong, PRC, 12 February 2018.
ZHU Ying	# ZHU Ying , <i>Development of New Nanostructured Energetic Composites Based on Silicon Substrate</i> , PhD Thesis, Department of Mechanical and Biomedical Engineering, City University of Hong Kong, Hong Kong, PRC, 28 August 2017.
ZIA Abdul Wasy	# ZIA Abdul Wasy , <i>Development of Isolated Carbon Particles Embedded Diamond-like Carbon Coating - A New Coating Architecture for Improved Mechanical Properties and Tribological Performance</i> , PhD Thesis, Department of Mechanical and Biomedical Engineering, City University of Hong Kong, Hong Kong, PRC, 11 December 2017.
DEPARTMENT OF PHYSICS	
Journal publications	
AHMED Irfan	WANG Ruimin, PARGORN Puttapirat, RAZA Faizan, # AHMED Irfan , WANG Hongxing, ZHANG Yanpeng, "Hybrid correlation and squeezing with spontaneously generated coherence effect", <i>Laser Physics Letters</i> , 15(8), 20 June 2018, doi: https://doi.org/10.1088/1612-202X/aac861 .
	ZHA Xinwei, DA Zhang, # AHMED Irfan , ZHANG Yanpeng, "Two forms for 3-uniform states of eight-qubits", <i>Laser Physics Letters</i> , 15(5), 12 April 2018, doi: https://doi.org/10.1088/1612-202x/aab69d .
	LI Changbiao, # AHMED Irfan , KHAN Ghulam A., ZHANG Da, XU Mingyu, WANG Ruimin, ZHANG Yanpeng, "Polarization controlled hybrid line shape and switching of noise correlation via Autler-Town splitting", <i>Journal of Applied Physics</i> , 122(16), October 2017, doi: https://doi.org/10.1063/1.4998655 .
	LI Kangkang, TANG Haijun, # AHMED Irfan , GU Bingling, WANG Kun, YANG Gaoguo, BU Renan, ZHANG Yanpeng, "Two-Channel Router of Phase Control Optical Nonreciprocity in Parametric Amplified Four-Wave Mixing", <i>IEEE Photonics Technology Letters</i> , 30(6), 12 February 2018, pp 561-564, doi: https://doi.org/10.1109/LPT.2018.2805020 .
	TANG Haijun, # AHMED Irfan , PUTTAPIRAT Pargorn, WU Tianhao, LAN Yuwei, ZHANG Yanpeng, LI Enling, "Investigation of multi-bunching by generating multi-order fluorescence of NV center in diamond", <i>Physical Chemistry Chemical Physics</i> , 20(8), 23 January 2018, pp 5721-5725, doi: https://doi.org/10.1039/c7cp08005k .
	# AHMED Irfan , # AHMED Rafay , YANG Jingwei, LAW Wing Lun, ZHANG Yanpeng, LAU Condon, "Elemental analysis of the thyroid by laser induced breakdown spectroscopy", <i>Biomedical Optics Express</i> , 8(11), 06 October 2017, pp 4865-4871, doi: https://doi.org/10.1364/BOE.8.004865 .
	TANG Haijun, # AHMED Irfan , ZHANG Dan, CHENG Lin, CHE Junling, LI Enling, ZHANG Yanpeng, "Amplifier and Router of Parametric Amplified Four-Wave Mixing", <i>IEEE Journal of Quantum Electronics</i> , 54(2), 25 January 2018, doi: https://doi.org/10.1109/JQE.2018.2797892 .

Section A: Publications of PhD Students

	ZHA Xinwei, DA Zhang, #AHMED Irfan, ZHANG Dan, ZHANG Yanpeng, "General monogamy equalities of complementarity relation and distributive entanglement for multi-qubit pure states", <i>Laser Physics Letters</i> , 15(2), 10 January 2018, doi: https://doi.org/10.1088/1612-202X/aa9ac5 .
AHMED Rafay	#FARID Muhammad Usman, JEONG Sanghyun, SEO Dong Han, #AHMED Rafay, LAU Condon, GALI Nirmal Kumar, NING Zhi, AN Kyoung Jin Alicia, "Mechanistic insight into the <i>in vitro</i> toxicity of graphene oxide against biofilm forming bacteria using laser-induced breakdown spectroscopy", <i>Nanoscale</i> , 10(9), 24 January 2018, pp 4475-4487, doi: https://doi.org/10.1039/c8nr00189h .
	#AHMED Rafay, LAW Wing Lun, CHEUNG Tsz Wing, LAU Condon, "Raman spectroscopy of bone composition during healing of subcritical calvarial defects", <i>Biomedical Optics Express</i> , 9(4), 14 March 2018, pp 1704-1716, doi: https://doi.org/10.1364/BOE.9.001704 .
	#AHMED Irfan, #AHMED Rafay, YANG Jingwei, LAW Wing Lun, ZHANG Yanpeng, LAU Condon, "Elemental analysis of the thyroid by laser induced breakdown spectroscopy", <i>Biomedical Optics Express</i> , 8(11), 06 October 2017, pp 4865-4871, doi: https://doi.org/10.1364/BOE.8.004865 .
BU Xiuming	#WEI Renjie, FANG Ming, DONG Guofa, LAN Changyong, SHU Lei, #ZHANG Heng, #BU Xiuming, HO Johnny Chung Yin, "High-Index Faceted Porous Co ₃ O ₄ Nanosheets with Oxygen Vacancies for Highly Efficient Water Oxidation", <i>ACS applied materials & interfaces</i> , 10(8), 06 February 2018, pp 7079–7086, doi: https://doi.org/10.1021/acsami.7b18208 .
CHEN Shunwei	#CHEN Shunwei, ZHAO Yanling, ZHANG Ruiqin, "Formation Mechanism of Atmospheric Ammonium Bisulfate: Hydrogen-Bond-Promoted Nearly Barrierless Reactions of SO ₃ with NH ₃ and H ₂ O", <i>ChemPhysChem</i> , 19(8), 20 February 2018, pp 967-972, doi: https://doi.org/10.1002/cphc.201701333 .
	#CHEN Shunwei, #ULLAH Naeem, ZHANG Ruiqin, "Exciton Self-Trapping in sp ² Carbon Nanostructures Induced by Edge Ether Groups", <i>Journal of Physical Chemistry Letters</i> , 9(17), pp 4857-4864, doi: https://doi.org/10.1021/acs.jpcclett.8b01972 .
	#CHEN Shunwei, #ULLAH Naeem, WANG Tianqiang, ZHANG Ruiqin, "Tuning Optical Properties of Graphene Quantum Dots by Selective Oxidation: A Theoretical Perspective", <i>Journal of Materials Chemistry C</i> , 08 June 2018, doi: https://doi.org/10.1039/C8TC02083C .
HE Haiyan	#WANG Bing, #HE Haiyan, #NAEEM Muhammad, LAN Si, HARJO Stefanus, KAWASAKI Takuro, NIE Yongxing, KUI H. W., UNGÁR Tamás, MA Dong, STOICA Alexandru D., LI Qian, KE Yubin, LIU Chain Tsuan, WANG Xun-Li, "Deformation of CoCrFeNi high entropy alloy at large strain", <i>Scripta Materialia</i> , 155, 14 June 2018, pp 54-57, doi: https://doi.org/10.1016/j.scriptamat.2018.06.013 .
HO Chun Yuen	LIU Chaoping, #HO Chun Yuen, #KWOK Cheuk Kai Gary, GUO Pengfei, #HOSSAIN Mohammad Kamal, ZAPIEN Juan Antonio, YU Kin Man, "High mobility transparent amorphous CdO-In ₂ O ₃ alloy films synthesized at room temperature", <i>Applied Physics Letters</i> , 111(7), 14 August 2017, doi: https://doi.org/10.1063/1.4989889 .
	GUO Pengfei, #HOSSAIN Mohammad Kamal, SHEN Xia, SUN Haibin, YANG Wenchao, LIU Chaoping, #HO Chun Yuen, #KWOK Cheuk Kai Gary, TSANG Sai Wing, LUO Yongsong, HO Johnny Chung Yin, YU Kin Man, "Room-Temperature Red–Green–Blue Whispering-Gallery Mode Lasing and White-Light Emission from Cesium Lead Halide Perovskite (CsPbX ₃ , X = Cl, Br, I) Microstructures", <i>Advanced Optical Materials</i> , 6(3), 27 December 2017, doi: https://doi.org/10.1002/adom.201700993 .
	LIU Chaoping, #HO Chun Yuen, DOS REIS Roberto, #FOO Yishu, GUO Pengfei, ZAPIEN Juan Antonio, WALUKIEWICZ Wladek, YU Kin Man, "Room-Temperature-Synthesized High-Mobility Transparent Amorphous CdO-Ga ₂ O ₃ Alloys with Widely Tunable Electronic Bands", <i>ACS applied materials & interfaces</i> , 10(8), 28 February 2018, pp 7239-7247, doi: https://doi.org/10.1021/acsami.7b18254 .
HOSSAIN Mohammad Kamal	LIU Chaoping, #HO Chun Yuen, #KWOK Cheuk Kai Gary, GUO Pengfei, #HOSSAIN Mohammad Kamal, ZAPIEN Juan Antonio, YU Kin Man, "High mobility transparent amorphous CdO-In ₂ O ₃ alloy films synthesized at room temperature", <i>Applied Physics Letters</i> , 111(7), 14 August 2017, doi: https://doi.org/10.1063/1.4989889 .
	GUO Pengfei, #HOSSAIN Mohammad Kamal, SHEN Xia, SUN Haibin, YANG Wenchao, LIU Chaoping, #HO Chun Yuen, #KWOK Cheuk Kai Gary, TSANG Sai Wing, LUO Yongsong, HO

Section A: Publications of PhD Students

	<u>Johnny Chung Yin</u> , <u>YU Kin Man</u> , "Room-Temperature Red–Green–Blue Whispering-Gallery Mode Lasing and White-Light Emission from Cesium Lead Halide Perovskite (CsPbX ₃ , X = Cl, Br, I) Microstructures", <i>Advanced Optical Materials</i> , 6(3), 27 December 2017, doi: https://doi.org/10.1002/adom.201700993 .
HUANG Miaoyan	# <u>HUANG Miaoyan</u> , <u>BIAN Juncao</u> , # <u>XIONG Wei</u> , # <u>HUANG Chao</u> , <u>ZHANG Ruiqin</u> , "Low-dimensional Mo: BiVO ₄ photoanodes for enhanced photoelectrochemical activity", <i>Journal of Materials Chemistry A</i> , 6(8), 28 February 2018, pp 3602-3609, doi: https://doi.org/10.1039/c7ta11132k .
	# <u>HUANG Miaoyan</u> , <u>ZHAO Yanling</u> , # <u>XIONG Wei</u> , <u>KERSHAW Stephen Vincent</u> , <u>YU Yaoguang</u> , # <u>LI Wan</u> , # <u>DUDKA Tetiana</u> , <u>ZHANG Ruiqin</u> , "Collaborative enhancement of photon harvesting and charge carrier dynamics in carbon nitride photoelectrode", <i>Applied Catalysis B: Environmental</i> , 237, 19 June 2018, pp 783-790, doi: https://doi.org/10.1016/j.apcatb.2018.06.046 .
	<u>YU Yaoguang</u> , <u>YANG Xu</u> , <u>ZHAO Yanling</u> , <u>ZHANG Xiangbin</u> , <u>AN Liang</u> , # <u>HUANG Miaoyan</u> , <u>CHEN Gang</u> , <u>ZHANG Ruiqin</u> , "Engineering the Band Gap States of the Rutile TiO ₂ (110) Surface by Modulating the Active Heteroatom", <i>Angewandte Chemie</i> , 130, 19 April 2018, doi: https://doi.org/10.1002/anie.201803928 .
KONG Yi	# <u>KONG Yi</u> , <u>CHENG Shuk Han</u> , <u>YU Kwan Ngok Peter</u> , "Induction of autophagy and interleukin 6 secretion in bystander cells: metabolic cooperation for radiation-induced rescue effect?", <i>Journal of Radiation Research</i> , 59(2), 27 January 2018, pp 129-140, doi: https://doi.org/10.1093/jrr/rrx101 .
KWOK Cheuk Kai Gary	<u>LIU Chaoping</u> , # <u>HO Chun Yuen</u> , # <u>KWOK Cheuk Kai Gary</u> , <u>GUO Pengfei</u> , # <u>HOSSAIN Mohammad Kamal</u> , <u>ZAPIEN Juan Antonio</u> , <u>YU Kin Man</u> , "High mobility transparent amorphous CdO-In ₂ O ₃ alloy films synthesized at room temperature", <i>Applied Physics Letters</i> , 111(7), 14 August 2017, doi: https://doi.org/10.1063/1.4989889 .
	<u>GUO Pengfei</u> , # <u>HOSSAIN Mohammad Kamal</u> , <u>SHEN Xia</u> , <u>SUN Haibin</u> , <u>YANG Wenchao</u> , <u>LIU Chaoping</u> , # <u>HO Chun Yuen</u> , # <u>KWOK Cheuk Kai Gary</u> , <u>TSANG Sai Wing</u> , <u>LUO Yongsong</u> , <u>HO Johnny Chung Yin</u> , <u>YU Kin Man</u> , "Room-Temperature Red–Green–Blue Whispering-Gallery Mode Lasing and White-Light Emission from Cesium Lead Halide Perovskite (CsPbX ₃ , X = Cl, Br, I) Microstructures", <i>Advanced Optical Materials</i> , 6(3), 27 December 2017, doi: https://doi.org/10.1002/adom.201700993 .
LI Wan	# <u>HUANG Miaoyan</u> , <u>ZHAO Yanling</u> , # <u>XIONG Wei</u> , <u>KERSHAW Stephen Vincent</u> , <u>YU Yaoguang</u> , # <u>LI Wan</u> , # <u>DUDKA Tetiana</u> , <u>ZHANG Ruiqin</u> , "Collaborative enhancement of photon harvesting and charge carrier dynamics in carbon nitride photoelectrode", <i>Applied Catalysis B: Environmental</i> , 237, 19 June 2018, pp 783-790, doi: https://doi.org/10.1016/j.apcatb.2018.06.046 .
	<u>JIN Weihong</u> , # <u>WANG Guomin</u> , # <u>PENG Xiang</u> , # <u>LI Wan</u> , # <u>QASIM Abdul Mateen</u> , <u>CHU Paul Kim Ho</u> , "Tantalum nitride films for corrosion protection of biomedical Mg-Y-RE alloy", <i>Journal of Alloys and Compounds</i> , 764, 18 June 2018, pp 947-958, doi: https://doi.org/10.1016/j.jallcom.2018.06.151 .
	# <u>WANG Guomin</u> , <u>FENG Hongqing</u> , <u>HU Liangsheng</u> , <u>JIN Weihong</u> , <u>HAO Qi</u> , # <u>GAO Ang</u> , # <u>PENG Xiang</u> , # <u>LI Wan</u> , <u>WONG Kwok-Yin</u> , <u>WANG Huaiyu</u> , <u>LI Zhou</u> , <u>CHU Paul Kim Ho</u> , "An antibacterial platform based on capacitive carbon-doped TiO ₂ nanotubes after direct or alternating current charging", <i>Nature Communications</i> , 9, 24 May 2018, doi: https://doi.org/10.1038/s41467-018-04317-2 .
	<u>LI Jinhua</u> , <u>WEN Jin</u> , <u>LI Bin</u> , # <u>LI Wan</u> , <u>QIAO Wei</u> , <u>SHEN Jie</u> , <u>JIN Weihong</u> , <u>JIANG Xinquan</u> , <u>YEUNG Wai Kwok Kelvin</u> , <u>CHU Paul Kim Ho</u> , "Valence State Manipulation of Cerium Oxide Nanoparticles on a Titanium Surface for Modulating Cell Fate and Bone Formation", <i>Advanced Science</i> , 5(2), 18 December 2017, doi: https://doi.org/10.1002/advs.201700678 .
	<u>HAO Qi</u> , <u>HUANG Hao</u> , <u>FAN Xingce</u> , <u>YIN Yin</u> , <u>WANG Jiawei</u> , # <u>LI Wan</u> , <u>QIU Teng</u> , <u>MA Libo</u> , <u>CHU Paul Kim Ho</u> , <u>SCHMIDT Oliver G.</u> , "Controlled Patterning of Plasmonic Dimers by Using an Ultrathin Nanoporous Alumina Membrane as a Shadow Mask", <i>ACS applied materials & interfaces</i> , 9(41), 18 October 2017, pp 36199-36205, doi: https://doi.org/10.1021/acsami.7b11428 .
	<u>HAO Qi</u> , # <u>LI Wan</u> , # <u>XU Huiyan</u> , <u>WANG Jiawei</u> , <u>YIN Yin</u> , <u>WANG Huaiyu</u> , <u>MA Libo</u> , <u>MA Fei</u> , <u>JIANG Xuchuan</u> , <u>SCHMIDT Oliver G.</u> , <u>CHU Paul Kim Ho</u> , "VO ₂ /TiN Plasmonic Thermochromic

Section A: Publications of PhD Students

	Smart Coatings for Room-Temperature Applications", <i>Advanced Materials</i> , 30(10), 19 January 2018, doi: https://doi.org/10.1002/adma.201705421 .
	<u>GAO Jiefeng</u> , HUANG Xuewu, WANG Ling, ZHENG Nan, # <u>LI Wan</u> , XUE Huaiguo, <u>LI Kwok Yiu Robert</u> , MAI Yiu Wing, "Super-hydrophobic coatings based on non-solvent induced phase separation during electro-spraying", <i>Journal of Colloid and Interface Science</i> , 506, 25 July 2017, pp 603-612, doi: https://doi.org/10.1016/j.jcis.2017.07.089 .
	WANG Hao, HUANG Xuewu, # <u>LI Wan</u> , GAO Jiefeng, XUE Huaiguo, <u>LI Kwok Yiu Robert</u> , MAI Yiu-wing, "TiO ₂ nanoparticle decorated carbon nanofibers for removal of organic dyes", <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 549, 09 April 2018, pp 205-211, doi: https://doi.org/10.1016/j.colsurfa.2018.04.017 .
LU Chenyu	LIU Si-nan, DONG Wei-xia, # <u>LU Chenyu</u> , LU Zhu-wei, GE Jia-cheng, FENG Tao, SUN Baoan, YUAN Chen-chen, <u>WANG Xun-Li</u> , LAN Si, "Effects of casting current on structure and properties of a nanostructured Zr–Cu–Fe–Al bulk metallic glass", <i>Journal of Iron and Steel Research International</i> , 25(6), 01 June 2018, pp 630-636, doi: https://doi.org/10.1007/s42243-018-0092-5 .
MANNO Francis Anthony Michael	# <u>MANNO Francis Anthony Michael</u> , LIVELY Malcolm, <u>MANNO Sinai</u> , <u>CHENG Shuk Han</u> , <u>LAU Condon</u> , "Health risk communication message comprehension is influenced by image inclusion", <i>Journal of Visual Communication in Medicine</i> , doi: https://doi.org/10.1080/17453054.2018.1480321 .
MIAO Yaping	# <u>MIAO Yaping</u> , HUANG Yuhong, BAO Hongwei, XU Kewei, <u>MA Fei</u> , <u>CHU Paul Kim Ho</u> , "Tunable magnetic coupling in Mn-doped monolayer MoS ₂ under lattice strain", <i>Journal of Physics Condensed Matter</i> , 30(21), 02 May 2018, doi: https://doi.org/10.1088/1361-648X/aabd46 .
	BAO Hongwei, HUANG Yuhong, YANG Zhi, SUN Yunjin, BAI Yu, # <u>MIAO Yaping</u> , <u>CHU Paul Kim Ho</u> , XU Kewei, <u>MA Fei</u> , "Molecular Dynamics Simulation of Nanocrack Propagation in Single-Layer MoS ₂ Nanosheets", <i>Journal of Physical Chemistry C</i> , 122(2), 21 December 2017, pp 1351-1360, doi: https://doi.org/10.1021/acs.jpcc.7b10094 .
	# <u>MIAO Yaping</u> , LI Yan, FANG Qinglong, HUANG Yuhong, SUN Yunjin, XU Kewei, <u>MA Fei</u> , <u>CHU Paul Kim Ho</u> , "Effects of dopant separation on electronic states and magnetism in monolayer MoS ₂ ", <i>Applied Surface Science</i> , 428, 18 September 2017, pp 226-232, doi: https://doi.org/10.1016/j.apsusc.2017.09.128 .
MO Shi	LIAO Liu Li, # <u>MO Shi</u> , LUO Hong Qun, LI Nian Bing, "Corrosion protection for mild steel by extract from the waste of lychee fruit in HCl solution: Experimental and theoretical studies", <i>Journal of Colloid and Interface Science</i> , 520, 28 February 2018, pp 41-49, doi: https://doi.org/10.1016/j.jcis.2018.02.071 .
	XIAO Na, LIU Shi Gang, # <u>MO Shi</u> , LI Na, JU Yan Jun, LING Yu, LI Nian Bing, LUO Hong Qun, "Highly selective detection of <i>p</i> -nitrophenol using fluorescence assay based on boron, nitrogen co-doped carbon dots", <i>Talanta</i> , 184, 02 March 2018, pp 184-192, doi: https://doi.org/10.1016/j.talanta.2018.02.114 .
NAEEM Muhammad	# <u>NAEEM Muhammad</u> , <u>LAN Si</u> , # <u>WANG Bing</u> , # <u>WEI Xiaoya</u> , ZHOU J., REN Y., LU Z. P., MA D., STOICA A. D., <u>WANG Xun-Li</u> , "Suppression of crystallization in a Ca-based bulk metallic glass by compression", <i>Journal of Alloys and Compounds</i> , 765, 19 June 2018, pp 595-600, doi: https://doi.org/10.1016/j.jallcom.2018.06.200 .
	# <u>WANG Bing</u> , # <u>HE Haiyan</u> , # <u>NAEEM Muhammad</u> , <u>LAN Si</u> , HARJO Stefanus, KAWASAKI Takuro, NIE Yongxing, KUI H. W., UNGÁR Tamás, MA Dong, STOICA Alexandru D., LI Qian, KE Yubin, <u>LIU Chain Tsuan</u> , <u>WANG Xun-Li</u> , "Deformation of CoCrFeNi high entropy alloy at large strain", <i>Scripta Materialia</i> , 155, 14 June 2018, pp 54-57, doi: https://doi.org/10.1016/j.scriptamat.2018.06.013 .
PACHAN KRISHNAN Rithin	# <u>WONG Kai Kin</u> , # <u>PACHAN KRISHNAN Rithin</u> , DUFRENSE Eric M., OHARA Koji, SANDY Alec R., <u>MAVILA CHATHOTH Suresh</u> , "Universal aging characteristics of macroscopically and microscopically dissimilar metallic glasses", <i>Acta Materialia</i> , 155, 30 May 2018, pp 35-42, doi: https://doi.org/10.1016/j.actamat.2018.05.059 .
	# <u>CHEN Changjiu</u> , # <u>WONG Kai Kin</u> , # <u>PACHAN KRISHNAN Rithin</u> , EMBS Jan P., <u>MAVILA CHATHOTH Suresh</u> , "A slow atomic diffusion process in high-entropy glass-forming metallic melts", <i>Journal Physics D: Applied Physics</i> , 51(14), 12 March 2018, doi: https://doi.org/10.1088/1361-6463/aab148 .

Section A: Publications of PhD Students

	<p>#WONG Kai Kin, #PACHAN KRISHNAN Rithin, #CHEN Changjiu, DU Qing, YU Dehong, LU Zhaoping, SAMWER K., MAVILA CHATHOTH Suresh, "The role of local-geometrical-orders on the growth of dynamic-length-scales in glass-forming liquids", <i>Scientific Reports</i>, 8, 31 January 2018, doi: https://doi.org/10.1038/s41598-018-20470-6.</p> <p>#CHEN Changjiu, #WONG Kai Kin, #PACHAN KRISHNAN Rithin, EMBS Jan P., MAVILA CHATHOTH Suresh, "Higher-order glass-transition singularities in nano-confined states", <i>RSC Advances</i>, 7(75), 11 October 2017, pp 47801-47805, doi: https://doi.org/10.1039/c7ra09049h.</p>
QASIM Abdul Mateen	<p>#QASIM Abdul Mateen, ALI Farhat, #WU Hao, FU King Yu, XIAO Shu, LI Yunpo, WU Zhongzhen, CHU Paul Kim Ho, "Effects of ion flux density and energy on the composition of TiN_x thin films prepared by magnetron sputtering with an anode layer ion source", <i>Surface and Coatings Technology</i>, 30 June 2018, doi: https://doi.org/10.1016/j.surfcoat.2018.05.091.</p> <p>JIN Weihong, #WANG Guomin, #PENG Xiang, #LI Wan, #QASIM Abdul Mateen, CHU Paul Kim Ho, "Tantalum nitride films for corrosion protection of biomedical Mg-Y-RE alloy", <i>Journal of Alloys and Compounds</i>, 764, 18 June 2018, pp 947-958, doi: https://doi.org/10.1016/j.jallcom.2018.06.151.</p>
SARWONO -Yanoar-Pribadi	<p>TAO Hong-Shuai, ZHAO Rundong, #SARWONO -Yanoar-Pribadi, ZHANG Ruiqin, "Improved projected Green's function approach to electron tunneling lifetime calculations in quantum wells", <i>Physical Review B: covering condensed matter and materials physics</i>, 96(23), 20 December 2017, doi: https://doi.org/10.1103/PhysRevB.96.235428.</p> <p>ZHAO Rundong, #SARWONO -Yanoar-Pribadi, ZHANG Ruiqin, "Tunneling lifetimes of electrons escaping from atoms under a static electric field", <i>Journal of Chemical Physics</i>, 147(6), 11 August 2017, doi: https://doi.org/10.1063/1.4994937.</p>
SHAHMOHAMMADI BENI Mehrdad	<p>#SHAHMOHAMMADI BENI Mehrdad, KRSTIC Dragana, NIKEZIC Dragoslav, YU Kwan Ngok Peter, "Modeling kV X-ray-induced coloration in radiochromic films", <i>Applied Sciences (Switzerland)</i>, 8(1), 12 January 2018, doi: https://doi.org/10.3390/app8010106.</p> <p>#SHAHMOHAMMADI BENI Mehrdad, ZHAO Jiyun, YU Kwan Ngok Peter, "Investigation of droplet behaviors for spray cooling using level set method", <i>Annals of Nuclear Energy</i>, 113, 21 November 2017, pp 162-170, doi: https://doi.org/10.1016/j.anucene.2017.09.046.</p> <p>#XIE Shangzhen, #SHAHMOHAMMADI BENI Mehrdad, CAI Jiejun, ZHAO Jiyun, "Review of critical-heat-flux enhancement methods", <i>International Journal of Heat and Mass Transfer</i>, 122, 06 February 2018, pp 275-289, doi: https://doi.org/10.1016/j.ijheatmasstransfer.2018.01.116.</p> <p>#SHAHMOHAMMADI BENI Mehrdad, KRSTIC D., NIKEZIC Dragoslav, YU Kwan Ngok Peter, "Modeling Coloration of a Radiochromic Film with Molecular Dynamics-Coupled Finite Element Method", <i>Applied Sciences (Switzerland)</i>, 7(10), 07 October 2017, doi: https://doi.org/10.3390/app7101031.</p> <p>#SHAHMOHAMMADI BENI Mehrdad, KRSTIC D., NIKEZIC Dragoslav, YU Kwan Ngok Peter, "Monte Carlo studies on photon interactions in radiobiological experiments", <i>PLoS ONE</i>, 13(3), 21 March 2018, doi: https://doi.org/10.1371/journal.pone.0193575.</p> <p>#SHAHMOHAMMADI BENI Mehrdad, HAU Tak Cheong, KRSTIC D., NIKEZIC Dragoslav, YU Kwan Ngok Peter, "Monte Carlo studies on neutron interactions in radiobiological experiments", <i>PLoS ONE</i>, 12(7), 13 July 2017, doi: https://doi.org/10.1371/journal.pone.0181281.</p>
ULLAH Naem	<p>MURTAZA G., KHAN Abdul Ahad, YASEEN M, LAREF A, #ULLAH Naem, RAHMAN Inayat ur, "The effect of replacing pnictogen elements on the physical properties of SrMg₂X₂ (X = N, P, As, Sb, Bi) Zintl compounds", <i>Chinese Physics B</i>, 27(4), 10 March 2018, doi: https://doi.org/10.1088/1674-1056/27/4/047102.</p> <p>#CHEN Shunwei, #ULLAH Naem, ZHANG Ruiqin, "Exciton Self-Trapping in sp² Carbon Nanostructures Induced by Edge Ether Groups", <i>Journal of Physical Chemistry Letters</i>, 9(17), pp 4857-4864, doi: https://doi.org/10.1021/acs.jpcclett.8b01972.</p> <p>#CHEN Shunwei, #ULLAH Naem, WANG Tianqiang, ZHANG Ruiqin, "Tuning Optical Properties of Graphene Quantum Dots by Selective Oxidation: A Theoretical Perspective", <i>Journal of Materials Chemistry C</i>, 08 June 2018, doi: https://doi.org/10.1039/C8TC02083C.</p>

Section A: Publications of PhD Students

WANG Bing	# NAEEM Muhammad , LAN Si , # WANG Bing , # WEI Xiaoya , ZHOU J. , REN Y. , LU Z. P. , MA D. , STOICA A. D. , WANG Xun-Li , "Suppression of crystallization in a Ca-based bulk metallic glass by compression", <i>Journal of Alloys and Compounds</i> , 765, 19 June 2018, pp 595-600, doi: https://doi.org/10.1016/j.jallcom.2018.06.200 .
	# WANG Bing , # HE Haiyan , # NAEEM Muhammad , LAN Si , HARJO Stefanus , KAWASAKI Takuro , NIE Yongxing , KUI H. W. , UNGÁR Tamás , MA Dong , STOICA Alexandru D. , LI Qian , KE Yubin , LIU Chain Tsuan , WANG Xun-Li , "Deformation of CoCrFeNi high entropy alloy at large strain", <i>Scripta Materialia</i> , 155, 14 June 2018, pp 54-57, doi: https://doi.org/10.1016/j.scriptamat.2018.06.013 .
WANG Guomin	JIN Weihong , # WANG Guomin , # PENG Xiang , # LI Wan , # QASIM Abdul Mateen , CHU Paul Kim Ho , "Tantalum nitride films for corrosion protection of biomedical Mg-Y-RE alloy", <i>Journal of Alloys and Compounds</i> , 764, 18 June 2018, pp 947-958, doi: https://doi.org/10.1016/j.jallcom.2018.06.151 .
	# WANG Guomin , FENG Hongqing , HU Liangsheng , JIN Weihong , HAO Qi , # GAO Ang , # PENG Xiang , # LI Wan , WONG Kwok-Yin , WANG Huaayu , LI Zhou , CHU Paul Kim Ho , "An antibacterial platform based on capacitive carbon-doped TiO ₂ nanotubes after direct or alternating current charging", <i>Nature Communications</i> , 9, 24 May 2018, doi: https://doi.org/10.1038/s41467-018-04317-2 .
WEI Xiaoya	# WU Xuelian , LAN Si , WU Zhenduo , # WEI Xiaoya , REN Yang , TSANG Ho Yin , WANG Xun-Li , "Multiscale structures of Zr-based binary metallic glasses and the correlation with glass forming ability", <i>Progress in Natural Science: Materials International</i> , 27(4), 24 August 2017, pp 482-486, doi: https://doi.org/10.1016/j.pnsc.2017.08.008 .
	WU Zhenduo , LAN Si , # WEI Xiaoya , OLDS Daniel , PAGE Katharine , SHEN Baolong , WANG Xun-Li , "Heterogeneous nucleation in Zr-Cu-Al-Ag metallic glasses triggered by quenched-in metastable crystals - A time-resolved neutron diffraction study", <i>Physica B: Condensed Matter</i> , 12 December 2017, doi: https://doi.org/10.1016/j.physb.2017.12.030 .
	# NAEEM Muhammad , LAN Si , # WANG Bing , # WEI Xiaoya , ZHOU J. , REN Y. , LU Z. P. , MA D. , STOICA A. D. , WANG Xun-Li , "Suppression of crystallization in a Ca-based bulk metallic glass by compression", <i>Journal of Alloys and Compounds</i> , 765, 19 June 2018, pp 595-600, doi: https://doi.org/10.1016/j.jallcom.2018.06.200 .
	LAN Si , WU Zhenduo , # WEI Xiaoya , ZHOU Jie , LU Zhaoping , NEUEFEIND Jörg , WANG Xun-Li , "Structure origin of a transition of classic-to-avalanche nucleation in Zr-Cu-Al bulk metallic glasses", <i>Acta Materialia</i> , 149, 16 February 2018, pp 108-118, doi: https://doi.org/10.1016/j.actamat.2018.02.028 .
WU Xuelian	# WU Xuelian , LAN Si , WU Zhenduo , # WEI Xiaoya , REN Yang , TSANG Ho Yin , WANG Xun-Li , "Multiscale structures of Zr-based binary metallic glasses and the correlation with glass forming ability", <i>Progress in Natural Science: Materials International</i> , 27(4), 24 August 2017, pp 482-486, doi: https://doi.org/10.1016/j.pnsc.2017.08.008 .
	HE Wei , # WU Xuelian , DONG Feifei , NI Meng , "A novel layered perovskite electrode for symmetrical solid oxide fuel cells: PrBa(Fe _{0.8} Sc _{0.2}) ₂ O _{5+δ} ", <i>Journal of Power Sources</i> , 363, 22 July 2017, pp 16-19, doi: https://doi.org/10.1016/j.jpowsour.2017.07.059 .
	HE Wei , YUAN Rong-hua , DONG Fei-fei , # WU Xuelian , NI Meng , "High performance of protonic solid oxide fuel cell with BaCo _{0.7} Fe _{0.22} Sc _{0.08} O _{3-δ} electrode", <i>International Journal of Hydrogen Energy</i> , 42(39), 05 September 2017, pp 25021-25025, doi: https://doi.org/10.1016/j.ijhydene.2017.08.107 .
XIONG Wei	# HUANG Miaoyan , BIAN Juncao , # XIONG Wei , # HUANG Chao , ZHANG Ruiqin , "Low-dimensional Mo: BiVO ₄ photoanodes for enhanced photoelectrochemical activity", <i>Journal of Materials Chemistry A</i> , 6(8), 28 February 2018, pp 3602-3609, doi: https://doi.org/10.1039/c7ta11132k .
	# HUANG Miaoyan , ZHAO Yanling , # XIONG Wei , KERSHAW Stephen Vincent , YU Yaoguang , # LI Wan , # DUDKA Tetiana , ZHANG Ruiqin , "Collaborative enhancement of photon harvesting and charge carrier dynamics in carbon nitride photoelectrode", <i>Applied Catalysis B: Environmental</i> , 237, 19 June 2018, pp 783-790, doi: https://doi.org/10.1016/j.apcatb.2018.06.046 .
XU Huiyan	# XU Huiyan , DAI Zhengfei , WANG Chen , XU Kewei , MA Fei , CHU Paul Kim Ho , "Vertically distributed VO ₂ nanoplatelets on hollow spheres with enhanced thermochromic

Section A: Publications of PhD Students

	properties", <i>Journal of Materials Chemistry C</i> , 6(29), 2018, pp 7896-7904, doi: https://doi.org/10.1039/c8tc02813c .
	# <u>XU Huiyan</u> , XU Ke Wei, <u>MA Fei</u> , <u>CHU Paul Kim Ho</u> , "Hexagonal VO ₂ particles: synthesis, mechanism and thermochromic properties", <i>RSC Advances</i> , 8(18), 12 March 2018, pp 10064-10071, doi: https://doi.org/10.1039/c8ra00716k .
	<u>HAO Qi</u> , # <u>LI Wan</u> , # <u>XU Huiyan</u> , WANG Jiawei, YIN Yin, WANG Huaiyu, MA Libo, <u>MA Fei</u> , JIANG Xuchuan, SCHMIDT Oliver G., <u>CHU Paul Kim Ho</u> , "VO ₂ /TiN Plasmonic Thermochromic Smart Coatings for Room-Temperature Applications", <i>Advanced Materials</i> , 30(10), 19 January 2018, doi: https://doi.org/10.1002/adma.201705421 .
ZAW Myo Win	# <u>ZAW Myo Win</u> , # <u>HUANG Chao</u> , <u>ZHANG Ruiqin</u> , "Electronic structure and properties of highly ordered C ₆₀ nano arrays on Au (111): STM & DFT study", <i>Journal of Physics: Conference Series</i> , 864(conference 1), 15 August 2017, doi: https://doi.org/10.1088/1742-6596/864/1/012076 .
ZHANG Chengxian	# <u>ZHANG Chengxian</u> , <u>YANG Xuchen</u> , <u>WANG Xin Sunny</u> , "Leakage and sweet spots in triple-quantum-dot spin qubits: A molecular-orbital study", <i>Physical Review A - Atomic, Molecular, and Optical Physics</i> , 97(4), 16 April 2018, doi: https://doi.org/10.1103/PhysRevA.97.042326 .
	THROCKMORTON Robert E. , # <u>ZHANG Chengxian</u> , <u>YANG Xuchen</u> , <u>WANG Xin Sunny</u> , BARNES Edwin, DAS SARMA S., "Fast pulse sequences for dynamically corrected gates in singlet-triplet qubits", <i>Physical Review B: covering condensed matter and materials physics</i> , 96(19), 15 November 2017, doi: https://doi.org/10.1103/PhysRevB.96.195424 .
ZHANG Xiaoming	# <u>ZHANG Xiaoming</u> , CUI Zi-Wei, <u>WANG Xin Sunny</u> , YUNG Man-Hong, "Automatic spin-chain learning to explore the quantum speed limit", <i>Physical Review A - Atomic, Molecular, and Optical Physics</i> , 97(5), 30 May 2018, doi: https://doi.org/10.1103/PhysRevA.97.052333 .
Conference papers	
AHMED Irfan	<u>LAU Condon</u> , # <u>AHMED Irfan</u> , "Rapid and in situ optical detection of trace lithium in tissue", <i>Biophotonics Congress - Biomedical Optics Congress 2018 (Microscopy/Translational/Brain/OTS)</i> , Hollywood, United States, 03-06 April 2018, (ISBN: 978-1-943580-41-5).
	# <u>AHMED Irfan</u> , <u>LAU Condon</u> , "Elemental analysis of mammary glands with laser induced breakdown spectroscopy", <i>Biophotonics Congress: Biomedical Optics Congress 2018</i> , Hollywood, United States, 03-06 April 2018, (ISBN: 9781557528209).
AHMED Rafay	# <u>AHMED Rafay</u> , <u>LAW Wing Lun</u> , CHEUNG Tsz Wing, <u>LAU Condon</u> , "Bone compositional study during healing of subcritical calvarial defects in rats by Raman spectroscopy", <i>Medical Laser Applications and Laser-Tissue Interactions VIII</i> , ICM—International Congress Centre, Munich, Germany, 2017 (ISBN: 9781510612921,9781510612938).
BU Xiuming	# <u>BU Xiuming</u> , <u>HO Johnny Chung Yin</u> , "Advanced Hydroxyl Salt Based Electrocatalysts for Efficient Overall Water Splitting", <i>Materials Research Society Spring Meeting 2018</i> .
HO Wai Lok	# <u>HO Wai Lok</u> , CONG Hengji, HO Aaron H.P., <u>CHU Sai Tak</u> , "Optical trapping with microring resonator in a self-locked scheme", <i>2017 Opto-Electronics and Communications Conference, OECC 2017 and Photonics Global Conference, PGC 2017</i> , Singapore, 31 July - 04 August 2017, (ISBN: 978-1-5090-6293-5).
HUANG Miaoyan	# <u>LI Wan</u> , LIU Danni, WANG Jiahong, # <u>HUANG Miaoyan</u> , YANG Na, LIU Liangliang, # <u>PENG Xiang</u> , # <u>WANG Guomin</u> , YU Xue-feng, <u>CHU Paul Kim Ho</u> , "Facile Synthesis of MoSe ₂ Nanoplates on Black Phosphorus Nanosheets for Enhanced Hydrogen Evolution Reaction Performance", <i>International Conference on Metallurgical Coatings and Thin Films (ICMCTF)</i> , San Diego, California, United States, 23-27 April 2018.
JIN Li	DI LAURO Luigi, # <u>JIN Li</u> , MOSS David J., MORANDOTTI Roberto, <u>CHU Sai Tak</u> , PECCIANI Marco, PASQUAZI Alessia, "Dynamically unstable regimes and chaos control through four wave mixing in ring microresonators", <i>Advanced Photonics 2017</i> , New Orleans, United States, 24-27 July 2017, (ISBN: 978-1-943580-30-9).
LI Wan	# <u>LI Wan</u> , GUO Zhinan, YU Xue-feng, <u>CHU Paul Kim Ho</u> , "Tuning the thickness of black phosphorus via hydrogen plasma treatment", <i>14th International Conference on Plasma Based Ion Implantation & Deposition (PBII&D 2017)</i> , New World Shanghai Hotel, Shanghai, China, 17-20 October 2017.

Section A: Publications of PhD Students

	<p>#WANG Guomin, JIN Weihong, #QASIM Abdul Mateen, #GAO Ang, #PENG Xiang, #LI Wan, FENG Hongqing, CHU Paul Kim Ho, "Antibacterial effects of titanium embedded with silver nanoparticles based on electron-transfer-induced reactive oxygen species", <i>14th International Conference on Plasma Based Ion Implantation & Deposition (PBII & D 2017)</i>, Shanghai, China, 17-20 October 2017.</p>
	<p>#WANG Guomin, JIN Weihong, #QASIM Abdul Mateen, #GAO Ang, #PENG Xiang, #LI Wan, FENG Hongqing, CHU Paul Kim Ho, "Antibacterial Effects of Titanium Embedded with Silver Nanoparticles Based on Electron-Transfer-Induced Reactive Oxygen Species", <i>International Conference on Metallurgical Coatings and Thin Films (ICMCTF)</i>, San Diego, California, United States, 23-27 April 2018.</p>
	<p>#LI Wan, LIU Danni, WANG Jiahong, #HUANG Miaoyan, YANG Na, LIU Liangliang, #PENG Xiang, #WANG Guomin, YU Xue-feng, CHU Paul Kim Ho, "Facile Synthesis of MoSe₂ Nanoplates on Black Phosphorus Nanosheets for Enhanced Hydrogen Evolution Reaction Performance", <i>International Conference on Metallurgical Coatings and Thin Films (ICMCTF)</i>, San Diego, California, United States, 23-27 April 2018.</p>
MEHRJOU Babak	<p>#MEHRJOU Babak, #MO Shi, #WANG Guomin, #QASIM Abdul Mateen, SONG Hao, HUO Kaifu, CHU Paul Kim Ho, "Bactericidal activity of polymeric nanopatterned surface", <i>E-MRS (European Materials Research Society) 2018 Spring Meeting</i>, Strasbourg, France, 18-22 June 2018.</p>
MO Shi	<p>#MEHRJOU Babak, #MO Shi, #WANG Guomin, #QASIM Abdul Mateen, SONG Hao, HUO Kaifu, CHU Paul Kim Ho, "Bactericidal activity of polymeric nanopatterned surface", <i>E-MRS (European Materials Research Society) 2018 Spring Meeting</i>, Strasbourg, France, 18-22 June 2018.</p>
NAEEM Muhammad	<p>#NAEEM Muhammad, #WANG Bing, WANG Xun-Li, "Beyond dislocations: in-situ study of low-temperature deformation in high-entropy alloys", <i>2017 Gordon Research Conference on Neutron Scattering : Structure and Dynamics of Materials on Many Length and Time Scales</i>, The Hong Kong University of Science and Technology, Hong Kong, China, 06-13 August 2017.</p>
QASIM Abdul Mateen	<p>#WANG Guomin, JIN Weihong, #QASIM Abdul Mateen, #GAO Ang, #PENG Xiang, #LI Wan, FENG Hongqing, CHU Paul Kim Ho, "Antibacterial effects of titanium embedded with silver nanoparticles based on electron-transfer-induced reactive oxygen species", <i>14th International Conference on Plasma Based Ion Implantation & Deposition (PBII & D 2017)</i>, Shanghai, China, 17-20 October 2017.</p>
	<p>#WANG Guomin, JIN Weihong, #QASIM Abdul Mateen, #GAO Ang, #PENG Xiang, #LI Wan, FENG Hongqing, CHU Paul Kim Ho, "Antibacterial Effects of Titanium Embedded with Silver Nanoparticles Based on Electron-Transfer-Induced Reactive Oxygen Species", <i>International Conference on Metallurgical Coatings and Thin Films (ICMCTF)</i>, San Diego, California, United States, 23-27 April 2018.</p>
	<p>#MEHRJOU Babak, #MO Shi, #WANG Guomin, #QASIM Abdul Mateen, SONG Hao, HUO Kaifu, CHU Paul Kim Ho, "Bactericidal activity of polymeric nanopatterned surface", <i>E-MRS (European Materials Research Society) 2018 Spring Meeting</i>, Strasbourg, France, 18-22 June 2018.</p>
	<p>JIN Weihong, #WANG Guomin, #QASIM Abdul Mateen, CHU Paul Kim Ho, "Enhanced corrosion resistance and biocompatibility of magnesium alloys by plasma-based techniques", <i>14th International Conference on Plasma Based Ion Implantation & Deposition (PBII&D2017)</i>, Shanghai, China, 17-20 October 2017.</p>
WANG Bing	<p>#NAEEM Muhammad, #WANG Bing, WANG Xun-Li, "Beyond dislocations: in-situ study of low-temperature deformation in high-entropy alloys", <i>2017 Gordon Research Conference on Neutron Scattering : Structure and Dynamics of Materials on Many Length and Time Scales</i>, The Hong Kong University of Science and Technology, Hong Kong, China, 06-13 August 2017.</p>
WANG Guomin	<p>#WANG Guomin, JIN Weihong, #QASIM Abdul Mateen, #GAO Ang, #PENG Xiang, #LI Wan, FENG Hongqing, CHU Paul Kim Ho, "Antibacterial effects of titanium embedded with silver nanoparticles based on electron-transfer-induced reactive oxygen species", <i>14th International Conference on Plasma Based Ion Implantation & Deposition (PBII & D 2017)</i>, Shanghai, China, 17-20 October 2017.</p>

Section A: Publications of PhD Students

	#WANG Guomin, JIN Weihong, #QASIM Abdul Mateen, #GAO Ang, #PENG Xiang, #LI Wan, FENG Hongqing, CHU Paul Kim Ho, "Antibacterial Effects of Titanium Embedded with Silver Nanoparticles Based on Electron-Transfer-Induced Reactive Oxygen Species", <i>International Conference on Metallurgical Coatings and Thin Films (ICMCTF)</i> , San Diego, California, United States, 23-27 April 2018.
	#MEHRJOU Babak, #MO Shi, #WANG Guomin, #QASIM Abdul Mateen, SONG Hao, HUO Kaifu, CHU Paul Kim Ho, "Bactericidal activity of polymeric nanopatterned surface", <i>E-MRS (European Materials Research Society) 2018 Spring Meeting</i> , Strasbourg, France, 18-22 June 2018.
	#LI Wan, LIU Danni, WANG Jiahong, #HUANG Miaoyan, YANG Na, LIU Liangliang, #PENG Xiang, #WANG Guomin, YU Xue-feng, CHU Paul Kim Ho, "Facile Synthesis of MoSe ₂ Nanoplates on Black Phosphorus Nanosheets for Enhanced Hydrogen Evolution Reaction Performance", <i>International Conference on Metallurgical Coatings and Thin Films (ICMCTF)</i> , San Diego, California, United States, 23-27 April 2018.
	JIN Weihong, #WANG Guomin, #QASIM Abdul Mateen, CHU Paul Kim Ho, "Enhanced corrosion resistance and biocompatibility of magnesium alloys by plasma-based techniques", <i>14th International Conference on Plasma Based Ion Implantation & Deposition (PBII&D2017)</i> , Shanghai, China, 17-20 October 2017.
WEI Xiaoya	#WEI Xiaoya, LAN Si, WANG Xun-Li, "Cluster connectivity in metallic glasses", <i>The 12th International Conference on Bulk Metallic Glasses (BMG XII)</i> , Seoul National University, Korea, Republic of, 27-31 May 2018.
All other outputs	
JIN Li	#JIN Li, <i>Nonlinear Optical High Order Ring Resonators and Their Applications</i> , PhD Thesis, Department of Physics, City University of Hong Kong, Hong Kong, PRC, 02 January 2018.
KONG Yi	#KONG Yi, <i>Some Factors Affecting Non-Traditional Effects Induced by Ionizing Radiation</i> , PhD Thesis, Department of Physics, City University of Hong Kong, Hong Kong, PRC, 29 December 2017.
NAEEM Muhammad	#NAEEM Muhammad, Young Scientist Lecture Competition Award, 3rd International Conference on Surfaces, Coatings and Nanostructured Materials, NANOSMAT ASIA, 07 December 2017.
ZAW Myo Win	#ZAW Myo Win, <i>Scanning Tunneling Microscopy Studies of Single Molecule for Nano Technology Applications</i> , PhD Thesis, Department of Physics, City University of Hong Kong, Hong Kong, PRC, 04 June 2018.
DEPARTMENT OF SYSTEMS ENGINEERING AND ENGINEERING MANAGEMENT	
Scholarly books, monographs and chapters	
CHEN Jingming	TSE Wai Tat Peter, #CHEN Jingming, "The design of a novel line-array type of laser source for non-contacted guided waves to inspect the integrity of plates", <i>Asset Intelligence through Integration and Interoperability and Contemporary Vibration Engineering Technologies</i> , Mathew Joseph (ed), Springer International Publishing, ISBN: 978-3-319-95710-4, 978-3-319-95711-1, August 2017.
MAN Siu Shing	#MAN Siu Shing, TSANG Ngai Hung, DIZMEN Coskun, CHAN Hoi Shou Alan, "Further In-Depth Investigation of Precuing Effect on Tracking and Discrete Dual-Task Performance with Different Spatial Mappings", <i>Transactions on Engineering Technologies - International MultiConference of Engineers and Computer Scientists 2017</i> , Ao Sio-long, Castillo Oscar and Kim Haeng Kon (eds), Springer, Singapore, ISBN: 9789811074875, 9789811074882, February 2018, pp 31-44.
Journal publications	
AJADI Jimoh Olawale	#AJADI Jimoh Olawale, RIAZ M., "New memory-type control charts for monitoring process mean and dispersion", <i>Scientia Iranica</i> , 24(6), November 2017, pp 3423-3438, doi: https://doi.org/10.24200/sci.2017.4483 .
ALI Zulfiqar	#ALI Zulfiqar, SUN Hongyi, ALI Murad, "The Impact of Managerial and Adaptive Capabilities to Stimulate Organizational Innovation in SMEs: A Complementary PLS-SEM Approach", <i>Sustainability</i> , 9(12), 23 November 2017, doi: https://doi.org/10.3390/su9122157 .

Section A: Publications of PhD Students

BAKKER Monique	<u>WANG Jin</u> , GUO Hainan, # BAKKER Monique , <u>TSUI Kwok Leung</u> , "An integrated approach for surgery scheduling under uncertainty", <i>Computers and Industrial Engineering</i> , 118, 13 February 2018, pp 1-8, doi: https://doi.org/10.1016/j.cie.2018.02.017 .
CHEN Jingming	# <u>WAN Xiang</u> , <u>TSE Wai Tat Peter</u> , # CHEN Jingming , XU Guanghua, ZHANG Qing, "Second harmonic reflection and transmission from primary S0 mode Lamb wave interacting with a localized microscale damage in a plate: A numerical perspective", <i>Ultrasonics</i> , 82, 10 July 2017, pp 57-71, doi: https://doi.org/10.1016/j.ultras.2017.07.005 .
	# CHEN Jingming , <u>TSE Wai Tat Peter</u> , ZHANG Hongchao, "Integrated optical Mach–Zehnder interferometer-based defect detection using a laser-generated ultrasonic guided wave", <i>Optics Letters</i> , 42(21), 26 September 2017, pp 4255-4258, doi: https://doi.org/10.1364/OL.42.004255 .
DENG Liming	# <u>DENG Liming</u> , HU Yong, CHEUNG Jason Pui Yin, LUK Keith Dip Kei, "A Data-Driven Decision Support System for Scoliosis Prognosis", <i>IEEE Access</i> , 5, 2017, pp 7874-7884, doi: https://doi.org/10.1109/ACCESS.2017.2696704 .
FAN Wei	# FAN Wei , ZHOU Qiang, LI Jian, ZHU Zhongkui, "A Wavelet-Based Statistical Approach for Monitoring and Diagnosis of Compound Faults With Application to Rolling Bearings", <i>IEEE Transactions on Automation Science and Engineering</i> , 20 July 2017, doi: https://doi.org/10.1109/TASE.2017.2720177 .
	<u>YI Cai</u> , <u>WANG Dong</u> , # FAN Wei , <u>TSUI Kwok Leung</u> , LIN Jianhui, "Eemd-based steady-state indexes and their applications to condition monitoring and fault diagnosis of railway axle bearings", <i>Sensors</i> , 18(3), 27 February 2018, doi: https://doi.org/10.3390/s18030704 .
	# FAN Wei , # <u>LI Yongxiang</u> , <u>TSUI Kwok Leung</u> , ZHOU Qiang, "A Noise Resistant Correlation Method for Period Detection of Noisy Signals", <i>IEEE Transactions on Signal Processing</i> , 66(10), 08 March 2018, pp 2700-2710, doi: https://doi.org/10.1109/TSP.2018.2813305 .
FENG Yun	# <u>WANG Bingchuan</u> , <u>LI Hanxiong</u> , # FENG Yun , "An improved teaching-learning-based optimization for constrained evolutionary optimization", <i>Information Sciences</i> , 456, 04 May 2018, pp 131-144, doi: https://doi.org/10.1016/j.ins.2018.04.083 .
GAO Fei	# <u>GAO Fei</u> , <u>GAO Siyang</u> , XIAO Hui, SHI Zhongshun, "Advancing Constrained Ranking and Selection With Regression in Partitioned Domains", <i>IEEE Transactions on Automation Science and Engineering</i> , 30 March 2018, doi: https://doi.org/10.1109/TASE.2018.2811809 .
GONG Min	MUKHERJEE Amitava, <u>CHENG Yuan</u> , # GONG Min , "A new nonparametric scheme for simultaneous monitoring of bivariate processes and its application in monitoring service quality", <i>Quality Technology and Quantitative Management</i> , 15(1), 2018, pp 143-156, doi: https://doi.org/10.1080/16843703.2017.1312808 .
HAN Mei	# HAN Mei , <u>TAN Matthias Hwai-yong</u> , "Optimal robust and tolerance design for computer experiments with mixture proportion inputs", <i>Quality and Reliability Engineering International</i> , 33(8), 26 July 2017, pp 2255-2267, doi: https://doi.org/10.1002/qre.2188 .
HUANG Chao	# HUANG Chao , WANG Zhenhua, ZHAO Zihan, WANG Long, LAI Chun Sing, "Robustness Evaluation of Extended and Unscented Kalman Filter for Battery State of Charge Estimation", <i>IEEE Access</i> , 6, 07 May 2018, pp 27617-27628, doi: https://doi.org/10.1109/ACCESS.2018.2833858 .
	# HUANG Chao , # <u>WANG Long</u> , # <u>YEUNG Shun Cheung</u> , ZHANG Zijun, <u>CHUNG Shu Hung Henry</u> , <u>BENSOUSSAN Alain</u> , "A Prediction Model-Guided Jaya Algorithm for the PV System Maximum Power Point Tracking", <i>IEEE Transactions on Sustainable Energy</i> , 9(1), January 2018, pp 45-55, doi: https://doi.org/10.1109/TSTE.2017.2714705 .
	# <u>WANG Long</u> , # HUANG Chao , "A novel Elite Opposition-based Jaya algorithm for parameter estimation of photovoltaic cell models", <i>Optik</i> , 155, 23 October 2017, pp 351-356, doi: https://doi.org/10.1016/j.ijleo.2017.10.081 .
	# <u>WANG Long</u> , ZHANG Zijun, # HUANG Chao , <u>TSUI Kwok Leung</u> , "A GPU-accelerated parallel Jaya algorithm for efficiently estimating Li-ion battery model parameters", <i>Applied Soft Computing</i> , 65, 29 December 2017, pp 12-20, doi: https://doi.org/10.1016/j.asoc.2017.12.041 .
	# HUANG Chao , # <u>WANG Long</u> , "Gaussian process regression-based modelling of lithium-ion battery temperature-dependent open-circuit-voltage", <i>Electronics Letters</i> , 53(17), 24 July 2017, pp 1214-1216, doi: https://doi.org/10.1049/el.2017.2136 .

Section A: Publications of PhD Students

HUANG Shuo	#HUANG Shuo, YANG Jun, XIE Min, "A Study of Control Chart for Monitoring Exponentially Distributed Characteristics Based On Type-II Censored Samples", <i>Quality and Reliability Engineering International</i> , 33(7), November 2017, pp 1513-1526, doi: https://doi.org/10.1002/qre.2122 .
HUANG Xiaohu	#LI Yongxiang, ZHOU Qiang, #HUANG Xiaohu, ZENG Li, "Pairwise Estimation of Multivariate Gaussian Process Models With Replicated Observations: Application to Multivariate Profile Monitoring", <i>Technometrics</i> , 60(1), 31 July 2017, pp 70-78, doi: https://doi.org/10.1080/00401706.2017.1305298 . #HUANG Xiaohu, XU Jiakun, ZHOU Qiang, "Multi-scale diagnosis of spatial point interaction via decomposition of the K function-based T^2 statistic", <i>Journal of Quality Technology</i> , 49(3), July 2017, pp 213-227.
JIANG Shancheng	#JIANG Shancheng, CHIN Kwai Sang, TSUI Kwok Leung, "A universal deep learning approach for modeling the flow of patients under different severities", <i>Computer Methods and Programs in Biomedicine</i> , 154, 07 November 2017, pp 191-203, doi: https://doi.org/10.1016/j.cmpb.2017.11.003 . #JIANG Shancheng, CHIN Kwai Sang, QU Gang, TSUI Kwok Leung, "An integrated machine learning framework for hospital readmission prediction", <i>Knowledge-Based Systems</i> , 146, 01 February 2018, pp 73-90, doi: https://doi.org/10.1016/j.knosys.2018.01.027 .
LI Lifang	#LI Lifang, ZHANG Qingpeng, TIAN Jun, #WANG Haolin, "Characterizing information propagation patterns in emergencies: A case study with Yiliang Earthquake", <i>International Journal of Information Management</i> , 38(1), 22 September 2017, pp 34-41, doi: https://doi.org/10.1016/j.ijinfomgt.2017.08.008 .
LI Yiqun	BENSOUSSAN Alain, #LI Yiqun, YAM Sheung Chi Phillip, "Backward stochastic dynamics with a subdifferential operator and non-local parabolic variational inequalities", <i>Stochastic Processes and their Applications</i> , 128(2), February 2018, pp 644-688, doi: https://doi.org/10.1016/j.spa.2017.06.005 .
LIN Feng	#LIN Feng, JIA Tao, WU Feng, YANG Zhen, "Impacts of two-stage deterioration on an integrated inventory model under trade credit and variable capacity utilization", <i>European Journal of Operational Research</i> , 22 June 2018, doi: https://doi.org/10.1016/j.ejor.2018.06.022 .
LIU Bin	LIU Yiqi, #LIU Bin, #ZHAO Xiujie, XIE Min, "A Mixture of Variational Canonical Correlation Analysis for Nonlinear and Quality-Relevant Process Monitoring", <i>IEEE Transactions on Industrial Electronics</i> , 65(8), 25 December 2017, pp 6478-6486, doi: https://doi.org/10.1109/TIE.2017.2786253 . #LIU Bin, LIANG Zhenglin, PARLIKAD Ajith Kumar, XIE Min, KUO Way, "Condition-based maintenance for systems with aging and cumulative damage based on proportional hazards model", <i>Reliability Engineering and System Safety</i> , 168, December 2017, pp 200-209, doi: https://doi.org/10.1016/j.ress.2017.04.010 . #ZHAO Xiujie, #XU Jianyu, #LIU Bin, "Accelerated Degradation Tests Planning with Competing Failure Modes", <i>IEEE Transactions on Reliability</i> , 67(1), 31 October 2017, pp 142-155, doi: https://doi.org/10.1109/TR.2017.2761025 . #LIU Bin, YEH Ruey-Huei, XIE Min, KUO Way, "Maintenance Scheduling for Multicomponent Systems with Hidden Failures", <i>IEEE Transactions on Reliability</i> , 66(4), 04 September 2017, pp 1280-1292, doi: https://doi.org/10.1109/TR.2017.2740562 . WU Shaomin, COOLEN Frank P. A., #LIU Bin, "Optimization of maintenance policy under parameter uncertainty using portfolio theory", <i>IIE Transactions</i> , 49(7), July 2017, pp 711-721, doi: https://doi.org/10.1080/24725854.2016.1267881 . PENG Rui, #LIU Bin, ZHAI Qingqing, WANG Wenbin, "Optimal maintenance strategy for systems with two failure modes", <i>Reliability Engineering and System Safety</i> , 29 July 2017, doi: https://doi.org/10.1016/j.ress.2017.07.014 .
LIU Hanlin	CAI Baoping, ZHAO Yubin, #LIU Hanlin, XIE Min, "A Data-Driven Fault Diagnosis Methodology in Three-Phase Inverters for PMSM Drive Systems", <i>IEEE Transactions on Power Electronics</i> , 32(7), 01 July 2017, pp 5590-5600, doi: https://doi.org/10.1109/TPEL.2016.2608842 .

Section A: Publications of PhD Students

LONG Huan	JIANG Yu, #LONG Huan, ZHANG Zijun, SONG Zhe, "Day-Ahead Prediction of Bihourly Solar Radiance with a Markov Switch Approach", <i>IEEE Transactions on Sustainable Energy</i> , 8(4), October 2017, pp 1536-1547, doi: https://doi.org/10.1109/TSTE.2017.2694551 .
MAHMOOD Tahir	FAISAL Muhammad , ZAFAR Raja Fawad, ABBAS Nasir, RIAZ Muhammad, #MAHMOOD Tahir, "A modified CUSUM control chart for monitoring industrial processes", <i>Quality and Reliability Engineering International</i> , 34(6), 21 May 2018, pp 1045-1058, doi: https://doi.org/10.1002/qre.2307 .
	ABBAS Nasir, RIAZ Muhammad, #MAHMOOD Tahir, "An Improved S ² Control Chart for Cost and Efficiency Optimization", <i>IEEE Access</i> , 5, 21 September 2017, pp 19486-19493, doi: https://doi.org/10.1109/ACCESS.2017.2755440 .
	#MAHMOOD Tahir, RIAZ Muhammad, HAFIDZ OMAR M., XIE Min, "Alternative methods for the simultaneous monitoring of simple linear profile parameters", <i>International Journal of Advanced Manufacturing Technology</i> , 21 May 2018, doi: https://doi.org/10.1007/s00170-018-2149-9 .
	SAEED Usman, #MAHMOOD Tahir, RIAZ Muhammad, ABBAS Nasir, "Simultaneous monitoring of linear profile parameters under progressive setup", <i>Computers and Industrial Engineering</i> , 125, 2018, pp 434.
	ZAFAR Raja Fawad, #MAHMOOD Tahir, ABBAS Nasir, RIAZ Muhammad, HUSSAIN Zawar, "A progressive approach to joint monitoring of process parameters", <i>Computers and Industrial Engineering</i> , 115, 16 November 2017, pp 253-268, doi: https://doi.org/10.1016/j.cie.2017.11.015 .
MAN Jianing	#MAN Jianing, ZHOU Qiang, "Remaining useful life prediction for hard failures using joint model with extended hazard", <i>Quality and Reliability Engineering International</i> , 34(5), 08 March 2018, pp 748-758, doi: https://doi.org/10.1002/qre.2285 .
MASURKAR Faez	YELVE Nitesh, TSE Wai Tat Peter, #MASURKAR Faez, "Theoretical and experimental evaluation of material nonlinearity in metal plates using Lamb waves", <i>Structural Control and Health Monitoring</i> , 25(6), 06 April 2018, doi: https://doi.org/10.1002/stc.2164 .
	TSE Wai Tat Peter, #MASURKAR Faez, "Laser-Based Guided Wave Propagation and Mode Decomposition in Detecting the Integrity of Structural I-Beams", <i>Journal of Computer and Communications</i> , 6(1), 29 December 2017, pp 42-55, doi: https://doi.org/10.4236/jcc.2018.61005 .
	#MASURKAR Faez, TSE Wai Tat Peter, YELVE Nitesh, "Evaluation of inherent and dislocation induced material nonlinearity in metallic plates using Lamb waves", <i>Applied Acoustics</i> , 136, 26 February 2018, pp 76-85, doi: https://doi.org/10.1016/j.apacoust.2018.02.011 .
MULENGA Kabwe	#MULENGA Kabwe, #ZHAO Xiujie, XIE Min, CHIKAMBA Chipili, "Investigating the root causes of major failures of critical components – With a case study of asbestos cement pipes", <i>Engineering Failure Analysis</i> , 84, 30 August 2017, pp 121-130, doi: https://doi.org/10.1016/j.engfailanal.2017.08.024 .
	ZHANG Junyan, CAI Baoping, #MULENGA Kabwe, LIU Yiliu, XIE Min, "Bayesian network-based risk analysis methodology: A case of atmospheric and vacuum distillation unit", <i>Process Safety and Environmental Protection</i> , 117, 20 June 2018, pp 660-674, doi: https://doi.org/10.1016/j.psep.2018.06.012 .
	YUAN Xiaobing, CAI baoping, MA Yunpeng, ZHANG Junyan, #MULENGA Kabwe, LIU Yonghong, CHEN Guoming, "Reliability Evaluation Methodology of Complex Systems Based on Dynamic Object-Oriented Bayesian Networks", <i>IEEE Access</i> , 6, 28 February 2018, pp 11289-11300, doi: https://doi.org/10.1109/ACCESS.2018.2810386 .
NASIR Jamal Abdul	#NASIR Jamal Abdul, HUSSAIN Shahid, DANG Chuangyin, "An Integrated Planning Approach Towards Home Health Care, Telehealth and Patients Group Based Care", <i>Journal of Network and Computer Applications</i> , 117, 15 May 2018, pp 30-41, doi: https://doi.org/10.1016/j.jnca.2018.05.009 .
	#NASIR Jamal Abdul, DANG Chuangyin, "Solving a more flexible home health care scheduling and routing problem with joint patient and nursing staff selection", <i>Sustainability</i> , 10(1), 09 January 2018, doi: https://doi.org/10.3390/su10010148 .
REN Pan	#REN Pan, LI Lishuai, "Characterizing air traffic networks via large-scale aircraft tracking data: A comparison between China and the US networks", <i>Journal of Air Transport</i>

Section A: Publications of PhD Students

	<i>Management</i> , 67, 11 January 2018, pp 181-196, doi: https://doi.org/10.1016/j.jairtraman.2017.12.005 .
SANUSI Ridwan Adeyemi	ADEGOKE Nurudeen A., RIAZ Muhammad, #SANUSI Ridwan Adeyemi, SMITH Adam N.H., PAWLEY Matthew D.M., "EWMA-type scheme for monitoring location parameter using auxiliary information", <i>Computers and Industrial Engineering</i> , 114, 14 October 2017, pp 114-129, doi: https://doi.org/10.1016/j.cie.2017.10.013 .
	#SANUSI Ridwan Adeyemi, RIAZ Muhammad, ADEGOKE Nurudeen A., XIE Min, "An EWMA monitoring scheme with a single auxiliary variable for industrial processes", <i>Computers and Industrial Engineering</i> , 114, 04 October 2017, pp 1-10, doi: https://doi.org/10.1016/j.cie.2017.10.001 .
SUN Shilong	#SUN Shilong, TSE Wai Tat Peter, "Modeling of a horizontal asymmetric U-shaped vibration-based piezoelectric energy harvester (U-VPEH)", <i>Mechanical Systems and Signal Processing</i> , 114, 25 May 2018, pp 467-485, doi: https://doi.org/10.1016/j.ymssp.2018.05.029 .
WAN Xiang	#WAN Xiang, TSE Wai Tat Peter, #CHEN Jingming, XU Guanghua, ZHANG Qing, "Second harmonic reflection and transmission from primary S0 mode Lamb wave interacting with a localized microscale damage in a plate: A numerical perspective", <i>Ultrasonics</i> , 82, 10 July 2017, pp 57-71, doi: https://doi.org/10.1016/j.ultras.2017.07.005 .
WANG Bingchuan	#WANG Bingchuan, LI Hanxiong, LI Jiapeng, WANG Yong, "Composite Differential Evolution for Constrained Evolutionary Optimization", <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 13 March 2018, doi: https://doi.org/10.1109/TSMC.2018.2807785 .
	#WANG Bingchuan, LI Hanxiong, #FENG Yun, "An improved teaching-learning-based optimization for constrained evolutionary optimization", <i>Information Sciences</i> , 456, 04 May 2018, pp 131-144, doi: https://doi.org/10.1016/j.ins.2018.04.083 .
WANG Gaochao	#WANG Gaochao, TSE Wai Tat Peter, YUAN Maodan, "Automatic internal crack detection from a sequence of infrared images with a triple-threshold Canny edge detector", <i>Measurement Science and Technology</i> , 29(2), 17 January 2018, doi: https://doi.org/10.1088/1361-6501/aa9857 .
WANG Haolin	#WANG Haolin, ZHANG Qingpeng, SO Hing-Yu, KWOK Angela, WONG Zoie Shui-Yee, "Temporal prediction of in-hospital falls using tensor factorisation", <i>BMJ Innovations</i> , 4(2), 09 March 2018, pp 75-83, doi: https://doi.org/10.1136/bmjinnov-2017-000221 .
	#WANG Haolin, ZHANG Qingpeng, "Semantic Expansion Network Based Relevance Analysis for Medical Information Retrieval", <i>Lecture Notes in Computer Science</i> , 10347, 28 October 2017, pp 274-279, doi: https://doi.org/10.1007/978-3-319-67964-8_27 .
	#LI Lifang, ZHANG Qingpeng, TIAN Jun, #WANG Haolin, "Characterizing information propagation patterns in emergencies: A case study with Yiliang Earthquake", <i>International Journal of Information Management</i> , 38(1), 22 September 2017, pp 34-41, doi: https://doi.org/10.1016/j.ijinfomgt.2017.08.008 .
WANG Junjie	#WANG Junjie, SU Qin, XIE Min, "A univariate procedure for monitoring location and dispersion with ordered categorical data", <i>Communications in Statistics Part B: Simulation and Computation</i> , 47(1), 2018, pp 115-128, doi: https://doi.org/10.1080/03610918.2017.1280159 .
WANG Long	#WANG Long, #HUANG Chao, HUANG Lingmiao, "Parameter estimation of the soil water retention curve model with Jaya algorithm", <i>Computers and Electronics in Agriculture</i> , 151, 19 June 2018, pp 349-353, doi: https://doi.org/10.1016/j.compag.2018.06.024 .
	#HUANG Chao, #WANG Long, #YEUNG Shun Cheung, ZHANG Zijun, CHUNG Shu Hung Henry, BENSOUSSAN Alain, "A Prediction Model-Guided Jaya Algorithm for the PV System Maximum Power Point Tracking", <i>IEEE Transactions on Sustainable Energy</i> , 9(1), January 2018, pp 45-55, doi: https://doi.org/10.1109/TSTE.2017.2714705 .
	#ZHUANG Li, #WANG Long, ZHANG Zijun, TSUI Kwok Leung, "Automated vision inspection of rail surface cracks: A double-layer data-driven framework", <i>Transportation Research Part C: Emerging Technologies</i> , 92, 15 May 2018, pp 258-277, doi: https://doi.org/10.1016/j.trc.2018.05.007 .
	#WANG Long, #HUANG Chao, "A novel Elite Opposition-based Jaya algorithm for parameter estimation of photovoltaic cell models", <i>Optik</i> , 155, 23 October 2017, pp 351-356, doi: https://doi.org/10.1016/j.ijleo.2017.10.081 .

Section A: Publications of PhD Students

	<p>#WANG Long, ZHANG Zijun, #HUANG Chao, TSUI Kwok Leung, "A GPU-accelerated parallel Jaya algorithm for efficiently estimating Li-ion battery model parameters", <i>Applied Soft Computing</i>, 65, 29 December 2017, pp 12-20, doi: https://doi.org/10.1016/j.asoc.2017.12.041.</p> <p>#HUANG Chao, #WANG Long, "Gaussian process regression-based modelling of lithium-ion battery temperature-dependent open-circuit-voltage", <i>Electronics Letters</i>, 53(17), 24 July 2017, pp 1214-1216, doi: https://doi.org/10.1049/el.2017.2136.</p>
WANG Yan	<p>LI Hanxiong, #WANG Yan, CHEN C.L. Philip, "Dempster-Shafer structure based fuzzy logic system for stochastic modeling", <i>Applied Soft Computing</i>, 56, 01 July 2017, pp 134-142, doi: https://doi.org/10.1016/j.asoc.2017.02.018.</p>
WANG Zhi	<p>#WANG Zhi, LI Hanxiong, "Incremental Spatiotemporal Learning for Online Modeling of Distributed Parameter Systems", <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i>, 19 March 2018, doi: https://doi.org/10.1109/TSMC.2018.2810447.</p>
WU Yong	<p>#WU Yong, FUNG Ying Kit Richard, FENG Gengzhong, WANG Nengmin, "Decisions making in information security outsourcing: Impact of complementary and substitutable firms", <i>Computers and Industrial Engineering</i>, 110, 01 August 2017, pp 1-12, doi: https://doi.org/10.1016/j.cie.2017.05.018.</p> <p>#WU Yong, FENG Gengzhong, FUNG Ying Kit Richard, "Comparison of information security decisions under different security and business environments", <i>Journal of the Operational Research Society</i>, 69(5), 18 January 2018, pp 747-761, doi: https://doi.org/10.1057/s41274-017-0263-y.</p>
XIA Bing	<p>#XIA Bing, GUO Ju'E, FUNG Ying Kit Richard, "Quality investment timing by the startup and the established firm", <i>Managerial and Decision Economics</i>, 39(3), 27 October 2017, pp 275-284, doi: https://doi.org/10.1002/mde.2902.</p>
XU Jianyu	<p>#ZHAO Xiujie, #XU Jianyu, #LIU Bin, "Accelerated Degradation Tests Planning with Competing Failure Modes", <i>IEEE Transactions on Reliability</i>, 67(1), 31 October 2017, pp 142-155, doi: https://doi.org/10.1109/TR.2017.2761025.</p> <p>#XU Jianyu, YU Dan, HU Qingpei, XIE Min, "A reliability assessment approach for systems with heterogeneous component information", <i>Quality Engineering</i>, 18 December 2017, pp 1-11, doi: https://doi.org/10.1080/08982112.2017.1402935.</p> <p>#XU Jianyu, HU Qingpei, YU Dan, XIE Min, "Reliability demonstration test for load-sharing systems with exponential and Weibull components", <i>PLoS ONE</i>, 12(12), 28 December 2017, doi: https://doi.org/10.1371/journal.pone.0189863.</p> <p>#XU Jianyu, YU D., XIE Min, HU Qingpei, "An Approach for Reliability Demonstration Test Based on Power-Law Growth Model", <i>Quality and Reliability Engineering International</i>, 33(8), December 2017, pp 1719-1730, doi: https://doi.org/10.1002/qre.2138.</p>
YANG Fangfang	<p>#YANG Fangfang, WANG Dong, ZHAO Yang, TSUI Kwok Leung, BAE Suk Joo, "A study of the relationship between coulombic efficiency and capacity degradation of commercial lithium-ion batteries", <i>Energy</i>, 145, 29 December 2017, pp 486-495, doi: https://doi.org/10.1016/j.energy.2017.12.144.</p> <p>WANG Dong, #YANG Fangfang, ZHAO Yang, TSUI Kwok Leung, "Battery remaining useful life prediction at different discharge rates", <i>Microelectronics and Reliability</i>, 78, 14 September 2017, pp 212-219, doi: https://doi.org/10.1016/j.microrel.2017.09.009.</p>
YING Chengshuo	<p>LI Yan-Lai, #YING Chengshuo, CHIN Kwai Sang, YANG Hong-tai, XU Jie, "Third-party reverse logistics provider selection approach based on hybrid-information MCDM and cumulative prospect theory", <i>Journal of Cleaner Production</i>, 195, 26 May 2018, pp 573-584, doi: https://doi.org/10.1016/j.jclepro.2018.05.213.</p> <p>#YING Chengshuo, LI Yanlai, CHIN Kwai Sang, YANG Hongtai, XU Jie, "A new product development concept selection approach based on cumulative prospect theory and hybrid-information MADM", <i>Computers and Industrial Engineering</i>, 122, 18 May 2018, pp 251-261, doi: https://doi.org/10.1016/j.cie.2018.05.023.</p>
ZHAN Yang	<p>#ZHAN Yang, DANG Chuangyin, "A smooth path-following algorithm for market equilibrium under a class of piecewise-smooth concave utilities", <i>Computational Optimization and Applications</i>, 21 May 2018, doi: https://doi.org/10.1007/s10589-018-0009-z.</p>
ZHANG Jian	<p>#ZHANG Jian, YUAN Ping, CHIN Kwai Sang, "Model Predictive Control for the Flow Field in an Intermittent Transonic Wind Tunnel", <i>IEEE Transactions on Aerospace and Electronic</i></p>

Section A: Publications of PhD Students

	<p><i>Systems</i>, 54(1), 26 September 2017, pp 324-338, doi: https://doi.org/10.1109/TAES.2017.2756538.</p> <p>#ZHANG Jian, CHIN Kwai Sang, ŁAWRYŃCZUK Maciej, "Nonlinear model predictive control based on piecewise linear Hammerstein models", <i>Nonlinear Dynamics</i>, 92(3), 15 February 2018, pp 1001-1021, doi: https://doi.org/10.1007/s11071-018-4105-5.</p> <p>#ZHANG Jian, CHIN Kwai Sang, ŁAWRYŃCZUK Maciej, "Multilinear Model Decomposition and Predictive Control of MIMO Two-Block Cascade Systems", <i>Industrial and Engineering Chemistry Research</i>, 56(47), 08 November 2017, pp 14101-14114, doi: https://doi.org/10.1021/acs.iecr.7b03265.</p>
ZHANG Lin	#ZHANG Lin, TIAN Jun, DANG Chuangyin, FUNG Ying Kit Richard, "On equilibrium performance assurance with costly monitoring", <i>Expert Systems with Applications</i> , 110, 26 May 2018, pp 93-105, doi: https://doi.org/10.1016/j.eswa.2018.05.025 .
ZHAO Xiujie	<p>LIU Yiqi, #LIU Bin, #ZHAO Xiujie, XIE Min, "A Mixture of Variational Canonical Correlation Analysis for Nonlinear and Quality-Relevant Process Monitoring", <i>IEEE Transactions on Industrial Electronics</i>, 65(8), 25 December 2017, pp 6478-6486, doi: https://doi.org/10.1109/TIE.2017.2786253.</p> <p>#ZHAO Xiujie, #XU Jianyu, #LIU Bin, "Accelerated Degradation Tests Planning with Competing Failure Modes", <i>IEEE Transactions on Reliability</i>, 67(1), 31 October 2017, pp 142-155, doi: https://doi.org/10.1109/TR.2017.2761025.</p> <p>#MULENGA Kabwe, #ZHAO Xiujie, XIE Min, CHIKAMBA Chipili, "Investigating the root causes of major failures of critical components – With a case study of asbestos cement pipes", <i>Engineering Failure Analysis</i>, 84, 30 August 2017, pp 121-130, doi: https://doi.org/10.1016/j.engfailanal.2017.08.024.</p> <p>#ZHAO Xiujie, PAN Rong, XIE Min, "Bayesian planning of step-stress accelerated degradation tests under various optimality criteria", <i>Applied Stochastic Models in Business and Industry</i>, 26 April 2018, doi: https://doi.org/10.1002/asmb.2332.</p> <p>#ZHAO Xiujie, GAUDOIN Olivier, DOYEN Laurent, XIE Min, "Optimal Inspection and Replacement Policy Based on Experimental Degradation Data with Covariates", <i>IIEE Transactions</i>, 2018, pp 1-40, doi: https://doi.org/10.1080/24725854.2018.1488308.</p> <p>#ZHAO Xiujie, HE Shuguang, XIE Min, "Utilizing experimental degradation data for warranty cost optimization under imperfect repair", <i>Reliability Engineering and System Safety</i>, 177, 05 May 2018, pp 108-119, doi: https://doi.org/10.1016/j.res.2018.05.002.</p>
ZHOU Jiaqi	#ZHOU Jiaqi, ZHANG Qingpeng, ZENG Daniel Dajun, TSUI Kwok Leung, "Influence of Flavors on the Propagation of E-Cigarette–Related Information: Social media study", <i>JMIR Public Health and Surveillance</i> , 4(1), 23 March 2018, doi: https://doi.org/10.2196/publichealth.7998 .
Conference papers	
DENG Liming	#DENG Liming, HSU Yu Cheng, LI Hanxiong, "An improved model for remaining useful life prediction on capacity degradation and regeneration of lithium-ion battery", <i>PHM 2017 - Proceedings of the Annual Conference of the Prognostics and Health Management Society 2017</i> , Hilton St. Petersburg Bayfront, St. Petersburg, United States, 02-05 October 2017, pp 545, (ISBN: 978-1-936263-26-4).
FAN Wei	#FAN Wei, ZHOU Qiang, "Wavelet-based statistical health monitoring and fault diagnosis method", <i>Proceedings : 2017 International Conference on Sensing, Diagnostics, Prognostics, and Control (SDPC 2017)</i> , Shanghai Aircraft Customer Service Co., Ltd., Shanghai, China, 16-18 August 2017, pp 334-338, (ISBN: 9781509040209,9781509040216).
FANG Zhihui	#FANG Zhihui, MO Huadong, WANG Y., "Reliability analysis of cyber-physical systems considering cyber-attacks", <i>2017 IEEE International Conference on Industrial Engineering and Engineering Management, IEEM 2017</i> , IEEE Singapore Section and IEEE TEMS Singapore Chapter, Suntec Singapore, Singapore, Singapore, 10-13 December 2017, pp 364-368, (ISBN: 9781538609484,9781538609491).
GAO Fei	#GAO Fei, GAO Siyang, "Selecting good enough simulated designs", <i>2017 13th IEEE Conference on Automation Science and Engineering (CASE)</i> , Xi'an, China, 20-23 August 2017, pp 1053-1058, (ISBN: 978-1-5090-6781-7,9781509067800).

Section A: Publications of PhD Students

	#GAO Fei, GAO Siyang, "Efficient simulation budget allocation for stochastically constrained simulation optimization with regression in partitioned domains", <i>Proceedings of the 2017 IEEE/SICE International Symposium on System Integration</i> , Taipei, Taiwan, 11-14 December 2017, pp 214-219, (ISBN: 9781538622636).
HUANG Chao	#HUANG Chao, ZHANG Zijun, WANG Long, SONG Zhe, LONG Huan, "A Novel Global Maximum Power Point Tracking Method for PV System Using Jaya Algorithm", <i>2017 IEEE Conference on Energy Internet and Energy System Integration (EI²) - Proceedings</i> , Beijing, China, 26-28 November 2017, pp 776-780, (ISBN: 9781538614273,9781538614280).
HUANG Shuo	#HUANG Shuo, YANG Jun, MUKHERJEE Amitava, "Nonparametric EWMA Chart for Simultaneous Monitoring of Event Frequency and Magnitude", <i>2017 IEEE International Conference on Industrial Engineering and Engineering Management, IEEM 2017</i> , IEEE Singapore Section and IEEE TEMS Singapore Chapter, Suntec Singapore, Singapore, Singapore, 10-13 December 2017, pp 1878-1882, (ISBN: 9781538609484).
MAHMOOD Tahir	HUSSAIN Shahid, SONG Lixin, RIAZ Muhammad, #MAHMOOD Tahir, AHMAD Shabbir, "EFFICIENT/ROBUST CONTROL CHARTS WITH DUAL USE OF AUXILIARY INFORMATION", <i>6th International Research Conference on Systems Engineering and Management Science (IRC-SEMS2018)</i> , Dongbei University of Finance and Economics, Dalian, China, 27-28 April 2018. #MAHMOOD Tahir, XIE Min, "PHASE I METHOD FOR LINEAR PROFILES WITH EXAMPLE OF SOLAR POWER SYSTEM", <i>6th International Research Conference on Systems Engineering and Management Science (IRC-SEMS2018)</i> , Dongbei University of Finance and Economics, Dalian, China, 27-28 April 2018.
MAN Siu Shing	#MAN Siu Shing, TSANG Ngai Hung, #NG Yu Ki, CHAN Hoi Shou Alan, "Mediation Analysis: the Relationship between Safety Climate and Safety Performance among Hong Kong Construction Management Personnel with Technology Acceptance as a Mediator", <i>Proceedings of the 6th Annual International Conference on Architecture and Civil Engineering</i> , Hotel Fort Canning, Singapore, 14-15 May 2018, pp 443-447. #MAN Siu Shing, HOFFMANN Errol R., CHAN Hoi Shou Alan, CHAN Liszt C. M. , "The Worryingham and Beringer Visual Field Principle When Responding with the Right or Left Hand", <i>Proceedings of the International MultiConference of Engineers and Computer Scientists 2018</i> , Hong Kong, Hong Kong, 14-16 March 2018, pp 927-931, (ISBN: 978-988-14048-8-6). #MAN Siu Shing, CHAN Hoi Shou Alan, "Influence of Personality and Safety Climate on Risk Perception of Hong Kong Construction Workers", <i>Proceedings of the International MultiConference of Engineers and Computer Scientists 2018</i> , Royal Garden Hotel, Hong Kong, 14-16 March 2018, pp 921-926, (ISBN: 9789881404886).
MULENGA Kabwe	#MULENGA Kabwe, GUO B., ZHAO Q., FU X., "Optimization of machining parameters for ultrasonic assisted vibration-grinding (UAVG) of ultra-low expansion (ULE) optical glass using taguchi method", <i>2017 IEEE International Conference on Industrial Engineering and Engineering Management (IEEM)</i> , IEEE Singapore Section and IEEE TEMS Singapore Chapter, Suntec Singapore, Singapore, Singapore, 10-13 December 2017, pp 2375-2379, (ISBN: 9781538609484,9781538609491).
NASIR Jamal Abdul	#NASIR Jamal Abdul, DANG Chuangyin, "An integrated model for home health care and patients cluster based care", <i>2017 International Conference on Robotics and Automation Sciences, ICRAS 2017</i> , Hong Kong, Hong Kong, 26-29 August 2017, pp 204-208, (ISBN: 978-1-5386-3994-8,978-1-5386-3995-5).
PEI Hanyu	#PEI Hanyu, YIN Beibei, XIE Min, CAI Kai-Yuan, "A Cloud-Based Dynamic Random Software Testing Strategy", <i>2017 IEEE International Conference on Industrial Engineering and Engineering Management, IEEM 2017</i> , IEEE Singapore Section and IEEE TEMS Singapore Chapter, Suntec Singapore, Singapore, Singapore, 10-13 December 2017, pp 509-513, (ISBN: 9781538609484).
SUN Shilong	TSE Wai Tat Peter, #SUN Shilong, "A Novel Design of a Multi-model and Vibration-based Piezoelectric Energy Harvester", <i>Proceedings of Academicera 19th International Conference</i> , Taipei, Taiwan, 26-27 May 2018, pp 10-17, (ISBN: 9789387954304).
WAN Xiang	TSE Wai Tat Peter, #WAN Xiang, XU Guanghua, "The use of S0 mode Lamb waves generated at low frequency range for measuring the distribution of micro-cracks occurred

Section A: Publications of PhD Students

	in plate-like structures", <i>4th Annual Global Congress of Knowledge Economy-2017 (GCKE-2017)</i> , Le Meridien Qingdao Hotel, Qingdao, China, 19-21 September 2017.
WANG Haolin	# WANG Haolin , QIU Yuming, JIANG Jun, ZHANG Ju, YUAN Jiahu, "Leveraging word embeddings and semantic enrichment for automatic clinical evidence grading", <i>ICBCB 2018 : Proceedings of the 2018 6th International Conference on Bioinformatics and Computational Biology</i> , Skytel Hotel Chengdu, Chengdu, China, 12-14 March 2018, pp 133-137, (ISBN: 9781450363488).
	QIU Yuming, TANG Peng, # WANG Haolin , ZHANG Ju, QIN Xiaolin, "Automated encoding of clinical guidelines into computer-interpretable format", <i>Proceedings of 2018 6th International Conference on Bioinformatics and Computational Biology, ICBCB 2018</i> , Skytel Hotel Chengdu, Chengdu, China, 12-14 March 2018, pp 138-144, (ISBN: 978-1-4503-6348-8).
ZHANG Jian	# ZHANG Jian , "Step response based identification of hammerstein models: Application to Mach number drift in an intermittent wind tunnel", <i>2017 11th Asian Control Conference (ASCC)</i> , Asian Control Association, Gold Coast Convention and Exhibition Centre, Gold Coast, Australia, 17-20 December 2017, pp 1695-1700, (ISBN: 9781509015733,9781509015740).
All other outputs	
BAKKER Monique	# BAKKER Monique , <i>Simulation and Optimization in Hospital Planning and Scheduling</i> , PhD Thesis, Department of Systems Engineering and Engineering Management, City University of Hong Kong, Hong Kong, PRC, 17 October 2017.
FENG Pingping	# FENG Pingping , <i>Research on Lateral Transshipment and Replenishment Decisions in Supply Chain Inventory Systems</i> , PhD Thesis, Department of Systems Engineering and Engineering Management, City University of Hong Kong, Hong Kong, PRC, 19 June 2018.
GENG Shuang	# GENG Shuang , <i>Knowledge Discovery for Organizational Learning</i> , PhD Thesis, Department of Systems Engineering and Engineering Management, City University of Hong Kong, Hong Kong, PRC, 08 December 2017.
LIU Bin	# LIU Bin , <i>Reliability Analysis and Maintenance Policy for Complex Systems</i> , PhD Thesis, Department of Systems Engineering and Engineering Management, City University of Hong Kong, Hong Kong, PRC, 01 August 2017.
MA Qi	# MA Qi , <i>An Investigation of Effectiveness of Information Technology Training Approaches Incorporating Observational, Enactive, Collaborative Learning on Older Adults' Technology Acceptance</i> , PhD Thesis, Department of Systems Engineering and Engineering Management, City University of Hong Kong, Hong Kong, PRC, 11 July 2017.
NASIR Jamal Abdul	# NASIR Jamal Abdul , <i>Analysis and Modeling of Home Health Care Planning for Operations Improvement</i> , PhD Thesis, Department of Systems Engineering and Engineering Management, City University of Hong Kong, Hong Kong, PRC, 11 October 2017.
ROSTAMI Javad	# ROSTAMI Javad , <i>Detection of Defects in Elevator Wire Ropes and Pipes Using Ultrasonic Guided Waves and Signal Processing</i> , PhD Thesis, Department of Systems Engineering and Engineering Management, City University of Hong Kong, Hong Kong, PRC, 22 January 2018.
SUN Shilong	# SUN Shilong , Academicsera Excellent Paper Award, Academicsera 19th International Conference on Science, Technology, Engineering and Management, Academicsera, China, 2018.
WANG Xiaolin	# WANG Xiaolin , XIE Wei, (Book / Software Review) "Two-dimensional warranty: A literature review", <i>Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability</i> , 232(3), 30 November 2017, pp 284-307, doi: https://doi.org/10.1177/1748006X17742776 .
WU Yong	# WU Yong , <i>Information Security Decision-making of Firms under Security Externality</i> , PhD Thesis, Department of Systems Engineering and Engineering Management, City University of Hong Kong, Hong Kong, PRC, 16 November 2017.
XIAO Lu	# XIAO Lu , <i>Effect of Government Intervention and Trade-ins on Remanufacturing System</i> , PhD Thesis, Department of Systems Engineering and Engineering Management, City University of Hong Kong, Hong Kong, PRC, 13 June 2018.
XU Jianyu	# XU Jianyu , <i>System Reliability Assessment and Demonstration under Heterogeneity</i> , PhD Thesis, Department of Systems Engineering and Engineering Management, City University of Hong Kong, Hong Kong, PRC, 14 March 2018.

Section A: Publications of PhD Students

XU Qinneng	# <u>XU Qinneng</u> , <i>Forecasting Methods in Health Applications under Big Data Environment</i> , PhD Thesis, Department of Systems Engineering and Engineering Management, City University of Hong Kong, Hong Kong, PRC, 21 November 2017.
SCHOOL OF CREATIVE MEDIA	
Scholarly books, monographs and chapters	
LI Ruohan	# <u>LI Ruohan</u> , "The Secret of Internet Celebrities - A Qualitative Study of Online Opinion Leaders on Weibo", <i>Proceedings of the 51st Hawaii International Conference on System Sciences</i> , ISBN: 9780998133119, 03 January 2018, pp 533-542.
MIROCHA Lukasz	# <u>MIROCHA Lukasz</u> , "Storytelling in the Age of Digital Media - The Netwars – Out of Control Transmedia Project: A Case Study", <i>On the Fringes of Literature and Digital Media Culture - Perspectives from Eastern and Western Europe</i> , Kalla Irena Barbara, Michułka Dorota and Poniatowska Patrycja (eds), Brill - Rodopi, ISBN: 9789004361683,9789004362352, Leiden, Boston, 07 June 2018, pp 135-146.
Journal publications	
CHAN Lik Hang Daniel	# <u>CHAN Lik Hang Daniel</u> , "表演與真實 - - 再探《春殘夢斷》", <i>演藝電影電視學刊=HKAPA Film and TV journal</i> , (1), September 2017, pp 116-123.
	# <u>CHAN Lik Hang Daniel</u> , "細看 II Cinema Ritrovato 的影展視野", <i>演藝電影電視學刊=HKAPA Film and TV journal</i> , (1), September 2017, pp 184-188.
PARK So Young	# <u>STOYANOV Minka</u> , # <u>PARK So Young</u> , "Performing Hypo-Linguistics", <i>Technoetic Arts: a journal of speculative research</i> , 16(1), 01 March 2018, pp 63-73, doi: https://doi.org/10.1386/tear.16.1.63_1 .
	<u>BENAYOUN Maurice</u> , # <u>PARK So Young</u> , "A Cautionary Tale of Urban Media Art: Media-Bait, Planned Censorship and Its Repercussions", <i>Leonardo</i> , 24 January 2018, doi: https://doi.org/10.1162/LEON_a_01611 .
PEREZ-BOBADILLA Mariana	# <u>PEREZ-BOBADILLA Mariana</u> , "Círculo de investigación artística: New materialist pedagogies of resistance", <i>International Journal of Education Through Art</i> , 14(1), 01 March 2018, pp 59-78, doi: https://doi.org/10.1386/eta.14.1.59_1 .
STOYANOV Minka	# <u>STOYANOV Minka</u> , # <u>PARK So Young</u> , "Performing Hypo-Linguistics", <i>Technoetic Arts: a journal of speculative research</i> , 16(1), 01 March 2018, pp 63-73, doi: https://doi.org/10.1386/tear.16.1.63_1 .
SU Wanchao	<u>YANG Xin</u> , # <u>SU Wanchao</u> , <u>DENG Jian</u> , <u>JIN Xiaogang</u> , <u>TAN Guozhen</u> , <u>PAN Zhigeng</u> , "Real-virtual fusion model for traffic animation", <i>Computer Animation and Virtual Worlds</i> , 28(6), November 2017, doi: https://doi.org/10.1002/cav.1740 .
Conference papers	
CHEN Bin	# <u>RUAN Lingyan</u> , # <u>CHEN Bin</u> , <u>LAM Miu Ling</u> , "Light Field Synthesis from a Single Image using Improved Wasserstein Generative Adversarial Network", <i>EUROGRAPHICS 2018 - Delft, The Netherlands</i> , Delft University of Technology, Delft, Netherlands, 16-20 April 2018, (ISBN: 1017-4656).
CHEN Yilan	# <u>CHEN Yilan</u> , <u>MENG Wenlong</u> , <u>XIN Shi-Qing</u> , <u>FU Hongbo</u> , "SmartSweep: Context-aware Modeling on a Single Image", <i>Proceedings of SA '17 SIGGRAPH Asia 2017 Posters</i> , Bangkok, Thailand, 27-30 November 2017, (ISBN: 978-1-4503-5405-9).
HARRINGTON Johnathon	# <u>HARRINGTON Johnathon</u> , "Something Something Game Something: A Visual Approach to Definitions in Games", <i>11th International Philosophy of Computer Games Conference</i> , Jagellonian University, Krakow, Poland, 28 November - 01 December 2017.
KIM Eugenia Sangmie	# <u>KIM Eugenia Sangmie</u> , "Virtual Reality Dances About Adolescent Bipolar Disorder: Accommodating Patient and Audience Concerns", <i>ACM SIGCHI Conference on Designing Interactive Systems (DIS 2018)</i> , Hong Kong, China, 09-13 June 2018.
LIM Yeon-Kyoung	# <u>LIM Yeon-Kyoung</u> , "Reinventing Feminist and Queer Intimacies: The Movement of the Self-Publishing Collective in South Korea ", <i>International Conference (Society of Fellows in the Humanities)</i> , University of Hong Kong, Hong Kong, 09-10 May 2018.
MIROCHA Lukasz	# <u>MIROCHA Lukasz</u> , ""Windows, Icons, Menus, Pointer" Revisited: The Skeuomorphic Aesthetics of Consumer VR Applications", <i>Transient Topographies</i> , National University Ireland, Galway, Ireland, 19-22 April 2018.

Section A: Publications of PhD Students

NASSER Arshad	<u>CHEN Taizhou</u> , <u>WU Yi-Shiun</u> , <u>HAN Feng</u> , #YUE Baochuan, #NASSER Arshad, <u>ZHU Kening</u> , "DupRobo: an interactive robotic platform for physical block-based autocompletion", <i>Proceedings of the 10th International Workshop on Semantic Ambient Media Experiences (SAME 2017) - Artificial Intelligence Meets Virtual and Augmented Worlds (AIVR)</i> , Bangkok, Thailand, 27-27 November 2017, pp 48-50, (ISBN: 978-952-7023-17-4).
NELSON Peter Andrew Clarke	#NELSON Peter Andrew Clarke, "A Game Made From Other Games: Actions and Objects in Garry's Mod", <i>11th International Philosophy of Computer Games Conference</i> , Jagellonian University, Krakow, Poland, 28 November - 01 December 2017.
	#NELSON Peter Andrew Clarke, "Landscape Theory for Computer Games", <i>Digital Games Research Association Conference (DiGRA 2017)</i> , Swinburne University of Technology, RMIT University, The University of Melbourne, Melbourne, Australia, 02 July 2011 - 06 July 2017.
	#NELSON Peter Andrew Clarke, "Autosave: The Shing Mun Redoubt", <i>Digital Games Research Association Conference (DiGRA 2017)</i> , Swinburne University of Technology, RMIT University, The University of Melbourne, Melbourne, Australia, 02 July 2011 - 06 July 2017.
	#NELSON Peter Andrew Clarke, "No Benign Landscapes: Computer Games as the Paradigm Landscapes of the 21st Century", <i>Current Perspectives in Game Studies Symposium</i> , School of Creative Media, Hong Kong, Hong Kong, 16 December 2016.
OLIVEIRA SANTOS GARNER Ana Clara	#OLIVEIRA SANTOS GARNER Ana Clara, "Small Lenses, Bigger Pictures- Representing the Large on Instagram", <i>Art, Representation and Materiality Conference</i> .
	#OLIVEIRA SANTOS GARNER Ana Clara, "Narratives from abroad: the construction and performance of the self on Instagram".
PARK So Young	#STOYANOV Minka, #PARK So Young, "Performing Hypo-linguistics", <i>Consciousness reframed</i> , Central Academy of fine Arts (CAFA), Beijing, China, 25-26 November 2017.
RUAN Lingyan	#RUAN Lingyan, #CHEN Bin, <u>LAM Miu Ling</u> , "Light Field Synthesis from a Single Image using Improved Wasserstein Generative Adversarial Network", <i>EUROGRAPHICS 2018 - Delft, The Netherlands</i> , Delft University of Technology, Delft, Netherlands, 16-20 April 2018, (ISBN: 1017-4656).
STOYANOV Minka	#STOYANOV Minka, #PARK So Young, "Performing Hypo-linguistics", <i>Consciousness reframed</i> , Central Academy of fine Arts (CAFA), Beijing, China, 25-26 November 2017.
SU Wanchao	#SU Wanchao, <u>YANG Xin</u> , <u>FU Hongbo</u> , "Sketch2Normal: Deep Networks for Normal Map Generation", <i>Proceedings of SA '17 SIGGRAPH Asia 2017 Posters</i> , Bangkok, Thailand, 27-30 November 2017, (ISBN: 978-1-4503-5405-9).
TRECCANI Carloalberto	#TRECCANI Carloalberto, "HOW MACHINES SEE THE WORLD: UNDERSTANDING HOW MACHINE VISION AFFECTS OUR WAY OF PERCEIVING, THINKING AND DESIGNING THE WORLD", <i>xCoAx 2017 — LISBON - Proceedings of the Fifth Conference on Computation, Communication, Aesthetics & X</i> , Lisbon, Portugal, 05-07 July 2017, pp 356-355, (ISBN: 9789897461286).
WONG Pui Chung	#WONG Pui Chung, <u>ZHU Kening</u> , <u>FU Hongbo</u> , "FingerT9: Leveraging Thumb-to-finger Interaction for Same-side-hand Text Entry on Smartwatches", <i>CHI '18 - Proceedings of the 2018 CHI Conference on Human Factors in Computing Systems</i> , Montreal, Canada, 21-26 April 2018, (ISBN: 9781450356206,9781450356213).
XU Feixuan	#XU Feixuan, "Creating Artwork Together with Non-Human Species: Liang Shaoji and His Silkworm Collaborators", <i>13th International Conference on the Arts in Society</i> , Emily Carr University of Art + Design, Vancouver, Canada, 27-29 June 2018.
ZHANG Zimu	#ZHANG Zimu, "Art communication and co-creation in the social media age, echoes from China", <i>Second Biennial Conference : Communication, Media, & Governance in the Age of Globalization</i> , The Convention Center of CUC, Beijing, China, 22-23 June 2018.
Creative and literary works, consulting reports and case studies	
KIM Eugenia Sangmie	#KIM Eugenia Sangmie, #MIROCHA Lukasz, <u>PALITOV Stefan</u> , Artist, "VISH", VISH is a short journey from the self to the other, <i>Border Diggers</i> , Run Run Shaw Creative Media Centre/Nanjing University Museum of Fine Art, Hong Kong, 20 December 2017 - 20 January 2018.
MIROCHA Lukasz	#KIM Eugenia Sangmie, #MIROCHA Lukasz, <u>PALITOV Stefan</u> , Artist, "VISH", VISH is a short journey from the self to the other, <i>Border Diggers</i> , Run Run Shaw Creative Media Centre/Nanjing University Museum of Fine Art, Hong Kong, 20 December 2017 - 20 January 2018.

Section A: Publications of PhD Students

NELSON Peter Andrew Clarke	#NELSON Peter Andrew Clarke, Artist, "Autosave: Redoubt Installation", K11 Art Foundation, Hong Kong, 28 March 2018.
PARK So Young	#PARK So Young, #STOYANOV Minka, Artist, "Performing Hypo-Linguistics", This video documentation of a real-time performance of "Performing Hypo-Linguistics", was shown in Xi'An Art Museum from September 9th to October 5th 2017, under an exhibition titled "Silk Road: Portal to world imagination". Medium : Video projection, <i>Silk Road: Portal to world imagination</i> , Xi'An Art Museum, Xi'an, China, 16 September - 03 October 2017.
STOYANOV Minka	#PARK So Young, #STOYANOV Minka, Artist, "Performing Hypo-Linguistics", This video documentation of a real-time performance of "Performing Hypo-Linguistics", was shown in Xi'An Art Museum from September 9th to October 5th 2017, under an exhibition titled "Silk Road: Portal to world imagination". Medium : Video projection, <i>Silk Road: Portal to world imagination</i> , Xi'An Art Museum, Xi'an, China, 16 September - 03 October 2017.
TRECCANI Carloalberto	#TRECCANI Carloalberto, "USA burning flags", <i>Premio Francesco Fabbri 2017</i> , Villa Brandolini, Pieve di Soligo, Treviso, Italy, 25 November - 17 December 2017.
WANG Xiao	BENAYOUN Maurice, KLEIN Tobias, BARRIÈRE Jean Baptiste, #WANG Xiao, Artist, Other, "Robotronica 2017 - Why Future Still Needs US (Creator, Artist, PI)", Artwork: Brain Factory, <i>Robotronica 2017</i> , QUT(Queensland University of Technology) Art Museum, Brisbane, Australia, 19 August 2017 - 29 October 2018.
	BENAYOUN Maurice, KLEIN Tobias, BARRIÈRE Jean Baptiste, #WANG Xiao, Artist, Other, "Brain Cloud", Artwork: Brain Cloud , <i>L'Esprit des Lumiere</i> , Hong Kong Applied Science and Technology Research Institute, Hong Kong, 28-28 May 2018.
	BENAYOUN Maurice, KLEIN Tobias, BARRIÈRE Jean Baptiste, #WANG Xiao, Artist, Other, "Laval Virtual - Recto VRso IN (Creator, Artist, PI)", <i>Laval Virtual</i> , Laval, Laval, France, 03-08 April 2018.
	BENAYOUN Maurice, KLEIN Tobias, BARRIÈRE Jean Baptiste, #WANG Xiao, Artist, Other, "THE BRAIN FACTORY - Speculative Neuro-Design Virtual Reality Installations ", Brain Factory is an art experiment and an interactive installation based on AI (Artificial Intelligence), EEG (Electro-Encephalography), BCI (Brain-Computer Interaction) and 3D Printing, <i>The Night of Ideas</i> , Asia Society Hong Kong Center, Hong Kong, 25-25 January 2018.
All other outputs	
CHAN Lik Hang Daniel	#CHAN Lik Hang Daniel, Deputy Editor-in-Chief, <i>演藝電影電視學刊= HKAPA Film and TV journal</i> , October 2017 - June 2018.
HOCHHERZ Olaf Thorsten	#HOCHHERZ Olaf Thorsten, <i>Conceptualizing Experimentation in Experimental Music in Light of Experimental System</i> , PhD Thesis, School of Creative Media, City University of Hong Kong, Hong Kong, PRC, 22 November 2017.
KLEIN Wilhelm Eduard Jonathan	#KLEIN Wilhelm Eduard Jonathan, <i>Vector Utilitarianism - Concept and Application of an Ethic for a Technological Present and Future</i> , PhD Thesis, School of Creative Media, City University of Hong Kong, Hong Kong, PRC, 23 November 2017.
MENDOZA LEAL Nicolas	#MENDOZA LEAL Nicolas, <i>The Collective Mint: Exploring the Production and Trade of Thai Amulets vis-a-vis Tokenisation and Blockchain Technology</i> , PhD Thesis, School of Creative Media, City University of Hong Kong, Hong Kong, PRC, 25 May 2018.
OLIVEIRA SANTOS GARNER Ana Clara	#OLIVEIRA SANTOS GARNER Ana Clara, Talent Development Scholarship, HKSAR Government Scholarship Fund , 26 June 2018.
PEARLMAN Ellen Lois	#PEARLMAN Ellen Lois, <i>Is There a Place in Human Consciousness Where Surveillance Cannot Go? Noor: A Brain Opera</i> , PhD Thesis, School of Creative Media, City University of Hong Kong, Hong Kong, PRC, 15 August 2017.
TRECCANI Carloalberto	#TRECCANI Carloalberto, PREMIO GRAZIADEI 2017 (Honorable mention), Graziadei Law Firm, 02 May 2018.
SCHOOL OF ENERGY AND ENVIRONMENT	
Scholarly books, monographs and chapters	
KWAN Tsz Him	POMMERET Aude, YANG Xiaofeng, #KWAN Tsz Him, CHRISTOFOROU Elias A., FOKAIDES Paris A., LIN Sze Ki Carol, "Techno-Economic Study and Environmental Assessment of Food Waste Based Biorefinery", <i>Food Waste Reduction and Valorisation - Sustainability Assessment and Policy Analysis</i> , Morone Piergiuseppe, Papendiek Franka and Tartiu

Section A: Publications of PhD Students

	Valentina Elena (eds), Springer International Publishing, ISBN: 9783319500874,9783319500881, 2017, pp 121-146.
Journal publications	
ABOLUDE Akintayo Temiloluwa	# ABOLUDE Akintayo Temiloluwa , ZHOU Wen , LEUNG Yu Ting , "Regional Impact Assessment of Monsoon Variability on Wind Power Availability and Optimization in Asia", <i>ATMOSPHERE</i> , 8(11), 13 November 2017, doi: https://doi.org/10.3390/atmos8110219 .
	# AKINSANOLA Akintomide Afolayan , AJAYI V.O , ADEJARE A.T , ADEYERI O.E , GBODE I.E , OGUNJOBI K.O , NIKULIN G. , # ABOLUDE Akintayo Temiloluwa , "Evaluation of rainfall simulations over West Africa in dynamically downscaled CMIP5 global circulation models", <i>Theoretical and Applied Climatology</i> , 132(1-2), April 2018, pp 437-450, doi: https://doi.org/10.1007/s00704-017-2087-8 .
	# ABOLUDE Akintayo Temiloluwa , ZHOU Wen , "A preliminary analysis of wind turbine energy yield", <i>Energy Procedia</i> , 138, October 2017, pp 423-428, doi: https://doi.org/10.1016/j.egypro.2017.10.189 .
AKINSANOLA Akintomide Afolayan	ODOULAMI Romaric C. , # AKINSANOLA Akintomide Afolayan , "Recent assessment of West African summer monsoon daily rainfall trends", <i>Weather</i> , 15 September 2017, doi: https://doi.org/10.1002/wea.2965 .
	# AKINSANOLA Akintomide Afolayan , ZHOU Wen , "Ensemble-based CMIP5 simulations of West African summer monsoon rainfall: current climate and future changes", <i>Theoretical and Applied Climatology</i> , 16 June 2018, doi: https://doi.org/10.1007/s00704-018-2516-3 .
	OGUNJOBI K. O. , DARAMOLA M. T. , # AKINSANOLA Akintomide Afolayan , "Estimation of surface energy fluxes from remotely sensed data over Akure, Nigeria", <i>SPATIAL INFORMATION RESEARCH</i> , 26(1), 11 December 2017, pp 77-89, doi: https://doi.org/10.1007/s41324-017-0149-8 .
	# AKINSANOLA Akintomide Afolayan , OGUNJOBI K. O. , AJAYI V. O. , ADEFISAN E. A. , OMOTOSHO J. A. , SANOGO S. , "Comparison of five gridded precipitation products at climatological scales over West Africa", <i>Meteorology and Atmospheric Physics</i> , 129(6), 01 December 2017, pp 669-689, doi: https://doi.org/10.1007/s00703-016-0493-6 .
	# AKINSANOLA Akintomide Afolayan , AJAYI V.O , ADEJARE A.T , ADEYERI O.E , GBODE I.E , OGUNJOBI K.O , NIKULIN G. , # ABOLUDE Akintayo Temiloluwa , "Evaluation of rainfall simulations over West Africa in dynamically downscaled CMIP5 global circulation models", <i>Theoretical and Applied Climatology</i> , 132(1-2), April 2018, pp 437-450, doi: https://doi.org/10.1007/s00704-017-2087-8 .
	# AKINSANOLA Akintomide Afolayan , ZHOU Wen , "Projections of West African summer monsoon rainfall extremes from two CORDEX models", <i>Climate Dynamics</i> , 08 May 2018, pp 1-12, doi: https://doi.org/10.1007/s00382-018-4238-8 .
ASIM Muhammad	# ASIM Muhammad , LEUNG Kwok Hi Michael , SHAN Zhiqiang , LI Yingying , LEUNG Dennis Y.C. , NI Meng , "Thermodynamic and Thermo-economic Analysis of Integrated Organic Rankine Cycle for Waste Heat Recovery from Vapor Compression Refrigeration Cycle", <i>Energy Procedia</i> , July 2017, pp 192-198, doi: https://doi.org/10.1016/j.egypro.2017.12.670 .
	IMRAN Muhammad , HAGLIND Fredrik , # ASIM Muhammad , ZEB ALVI Jahan , "Recent research trends in organic Rankine cycle technology: A bibliometric approach", <i>Renewable and Sustainable Energy Reviews</i> , 81(1), 17 August 2017, pp 552-562, doi: https://doi.org/10.1016/j.rser.2017.08.028 .
	# ASIM Muhammad , IMRAN Muhammad , LEUNG Kwok Hi Michael , KUMAR Uday , MARTIN Andrew , KASHIF Faiza , "Experimental analysis of solar thermal integrated MD system for cogeneration of drinking water and hot water for single family villa in dubai using flat plate and evacuated tube solar collectors", <i>Desalination and Water Treatment</i> , 92, October 2017, pp 46-59, doi: https://doi.org/10.5004/dwt.2017.21499 .
BEH Gein Khai	DREYER Jochen Armin Helmut , LI Peixin , # ZHANG Linghai , # BEH Gein Khai , ZHANG Runduo , SIT Patrick , TEOH Wey Yang , "Influence of the oxide support reducibility on the CO ₂ methanation over Ru-based catalysts", <i>Applied Catalysis B: Environmental</i> , 219, 03 August 2017, pp 715-726, doi: https://doi.org/10.1016/j.apcatb.2017.08.011 .

Section A: Publications of PhD Students

<p>CAI Mingwei</p>	<p>#CAI Mingwei, NG Siu Kin, LIM Chee Kent, LU Hongyuan, #JIA Yangyang, LEE Patrick Kwan Hon, "Physiological and metagenomic characterizations of the synergistic relationships between ammonia- and nitrite-oxidizing bacteria in freshwater nitrification", <i>Frontiers in Microbiology</i>, 9, 27 February 2018, doi: https://doi.org/10.3389/fmicb.2018.00280.</p> <p>#JIA Yangyang, NG Siu Kin, LU Hongyuan, #CAI Mingwei, LEE Patrick Kwan Hon, "Genome-centric metatranscriptomes and ecological roles of the active microbial populations during cellulosic biomass anaerobic digestion", <i>Biotechnology for Biofuels</i>, 11(1), 23 April 2018, doi: https://doi.org/10.1186/s13068-018-1121-0.</p>
<p>CHEN Jinfan</p>	<p>SHE Yiyi, #CHEN Jinfan, LU Zhouguang, ZHANG Chengxu, NI Meng, SIT Patrick, LEUNG Kwok Hi Michael, "Oxygen Reduction Reaction Mechanism of Nitrogen-Doped Graphene Derived from Ionic Liquid", <i>Energy Procedia</i>, 142, December 2017, pp 1319-1326, doi: https://doi.org/10.1016/j.egypro.2017.12.508.</p> <p>SHE Yiyi, #CHEN Jinfan, ZHANG Chengxu, LU Zhouguang, NI Meng, SIT Patrick, LEUNG Kwok Hi Michael, "Nitrogen-doped graphene derived from ionic liquid as metal-free catalyst for oxygen reduction reaction and its mechanisms", <i>Applied Energy</i>, 225, 26 May 2018, pp 513-521, doi: https://doi.org/10.1016/j.apenergy.2018.05.015.</p> <p>#XU Fei, #CHEN Jinfan, KALYTCHUK Sergii, CHU Ling, SHAO Yiru, KONG Dexin, CHU Kung-Hui, SIT Patrick, TEOH Wey Yang, "Supported gold clusters as effective and reusable photocatalysts for the abatement of endocrine-disrupting chemicals under visible light", <i>Journal of Catalysis</i>, 354, 20 August 2017, pp 1-12, doi: https://doi.org/10.1016/j.jcat.2017.07.027.</p> <p>#XU Fei, WEBSTER Richard D., #CHEN Jinfan, TAN Timothy T.Y., SIT Patrick, TEOH Wey Yang, "Revisiting the mechanism of hexavalent chromium ion reduction: The parallel photodecomposition and photocatalytic reduction of chromate(VI) ester", <i>Applied Catalysis B: Environmental</i>, 210, 05 August 2017, pp 444-453, doi: https://doi.org/10.1016/j.apcatb.2017.04.024.</p> <p>#CHEN Jinfan, SIT Patrick, "Ab initio study of ligand dissociation/exchange and the hydrogen production process of the Co(dmgH)₂(py)Cl cobaloxime in the acetonitrile-water solvent", <i>Catalysis Today</i>, 314, 28 March 2018, pp 179-186, doi: https://doi.org/10.1016/j.cattod.2018.03.058.</p>
<p>DEKA Bhaskar Jyoti</p>	<p>#DEKA Bhaskar Jyoti, JEONG Sanghyun, ALIZADEH TABATABAI S. Assiyeh, AN Kyoung Jin Alicia, "Mitigation of algal organic matter released from <i>Chaetoceros affinis</i> and <i>Hymenomonas</i> by <i>in situ</i> generated ferrate", <i>Chemosphere</i>, 206, 10 May 2018, pp 718-726, doi: https://doi.org/10.1016/j.chemosphere.2018.05.052.</p> <p>EUIJONG LEE, #DEKA Bhaskar Jyoti, #GUO Jiaxin, WOO Yun Chul, SHON Ho Kyong, AN Kyoung Jin Alicia, "Engineering the Re-Entrant Hierarchy and Surface Energy of PDMS-PVDF Membrane for Membrane Distillation Using a Facile and Benign Microsphere Coating", <i>Environmental Science and Technology</i>, 51(17), 05 September 2017, pp 10117-10126, doi: https://doi.org/10.1021/acs.est.7b01108.</p>
<p>DUAN Guangdong</p>	<p>#DUAN Guangdong, NGAN Keith, "Effects of Time-Dependent Inflow Perturbations on Turbulent Flow in a Street Canyon", <i>Boundary-Layer Meteorology</i>, 167(2), 13 December 2017, pp 257-284, doi: https://doi.org/10.1007/s10546-017-0327-1.</p>
<p>FARID Muhammad Usman</p>	<p>#FARID Muhammad Usman, #GUO Jiaxin, AN Kyoung Jin Alicia, "Bacterial inactivation and <i>in situ</i> monitoring of biofilm development on graphene oxide membrane using optical coherence tomography", <i>Journal of Membrane Science</i>, 564, 30 June 2018, pp 22-34, doi: https://doi.org/10.1016/j.memsci.2018.06.061.</p> <p>#FARID Muhammad Usman, JEONG Sanghyun, SEO Dong Han, #AHMED Rafay, LAU Condon, GALI Nirmal Kumar, NING Zhi, AN Kyoung Jin Alicia, "Mechanistic insight into the <i>in vitro</i> toxicity of graphene oxide against biofilm forming bacteria using laser-induced breakdown spectroscopy", <i>Nanoscale</i>, 10(9), 24 January 2018, pp 4475-4487, doi: https://doi.org/10.1039/c8nr00189h.</p> <p>#FARID Muhammad Usman, LUAN Hong-Yan, WANG Yifei, HUANG Haiou, AN Kyoung Jin Alicia, JALIL KHAN Rabia, "Increased adsorption of aqueous zinc species by Ar/O₂ plasma-treated carbon nanotubes immobilized in hollow-fiber ultrafiltration membrane", <i>Chemical Engineering Journal</i>, 325, 01 October 2017, pp 239-248, doi: https://doi.org/10.1016/j.cej.2017.05.020.</p>

Section A: Publications of PhD Students

	<p>#GUO Jiaxin, #FARID Muhammad Usman, LEE Eui-Jong, YAN Dickson Yuk-Shing, JEONG Sanghyun, AN Kyoung Jin Alicia, "Fouling behavior of negatively charged PVDF membrane in membrane distillation for removal of antibiotics from wastewater", <i>Journal of Membrane Science</i>, 551, 10 January 2018, pp 12-19, doi: https://doi.org/10.1016/j.memsci.2018.01.016.</p>
	<p>WANG Yifei, WEI Xiuming, ZHANG Ruochu, WU Yingfeng, #FARID Muhammad Usman, HUANG Haiou, "Comparison of chemical, ultrasonic and thermal regeneration of carbon nanotubes for acetaminophen, ibuprofen, and triclosan adsorption", <i>RSC Advances</i>, 7(83), 15 November 2017, pp 52719-52728, doi: https://doi.org/10.1039/c7ra08812d.</p>
GUO Jiaxin	<p>#FARID Muhammad Usman, #GUO Jiaxin, AN Kyoung Jin Alicia, "Bacterial inactivation and in situ monitoring of biofilm development on graphene oxide membrane using optical coherence tomography", <i>Journal of Membrane Science</i>, 564, 30 June 2018, pp 22-34, doi: https://doi.org/10.1016/j.memsci.2018.06.061.</p>
	<p>#GUO Jiaxin, LI Zhenchi, SU Lingcheng, TSANG Yiu-Fai, AN Kyoung Jin Alicia, YU Chun-Fai, "Optimization of acid pretreatment and enzymatic hydrolysis on the production of ethanol fuel from waste banana peels", <i>Energy and Environment</i>, 30 May 2018, doi: https://doi.org/10.1177/0958305X18777232.</p>
	<p>#GUO Jiaxin, #FARID Muhammad Usman, LEE Eui-Jong, YAN Dickson Yuk-Shing, JEONG Sanghyun, AN Kyoung Jin Alicia, "Fouling behavior of negatively charged PVDF membrane in membrane distillation for removal of antibiotics from wastewater", <i>Journal of Membrane Science</i>, 551, 10 January 2018, pp 12-19, doi: https://doi.org/10.1016/j.memsci.2018.01.016.</p>
	<p>EUIJONG LEE, #DEKA Bhaskar Jyoti, #GUO Jiaxin, WOO Yun Chul, SHON Ho Kyong, AN Kyoung Jin Alicia, "Engineering the Re-Entrant Hierarchy and Surface Energy of PDMS-PVDF Membrane for Membrane Distillation Using a Facile and Benign Microsphere Coating", <i>Environmental Science and Technology</i>, 51(17), 05 September 2017, pp 10117-10126, doi: https://doi.org/10.1021/acs.est.7b01108.</p>
HE Yun	<p>#HE Yun, LI Li, FAN Wenguang, ZHANG Chengxu, LEUNG Kwok Hi Michael, "A novel and facile solvothermal-and-hydrothermal method for synthesis of uniform BiVO₄ film with high photoelectrochemical performance", <i>Journal of Alloys and Compounds</i>, 732, 21 October 2017, pp 593-602, doi: https://doi.org/10.1016/j.jallcom.2017.10.153.</p>
	<p>LV Yingxia, TU Rui, ZHANG Chengxu, FAN Wenguang, #HE Yun, LEUNG Kwok Hi Michael, WANG Changsong, "Phenyl Hypophosphorous Acid-Assisted Synthesis of Carbon-Modified Anatase-Brookite Bicrystal TiO₂ Nanoparticles with Enhanced Visible-Light Photocatalytic Performance", <i>Chemistryselect</i>, 2(21), 21 July 2017, pp 6109-6117, doi: https://doi.org/10.1002/slct.201700775.</p>
HU Yunzi	<p>#KWAN Tsz Him, #HU Yunzi, LIN Sze Ki Carol, "Techno-economic analysis of a food waste valorisation process for lactic acid, lactide and poly(lactic acid) production", <i>Journal of Cleaner Production</i>, 181, 03 February 2018, pp 72-87, doi: https://doi.org/10.1016/j.jclepro.2018.01.179.</p>
	<p>#HU Yunzi, DU Chenyu, PENSUPA Nattha, LIN Sze Ki Carol, "Optimisation of fungal cellulase production from textile waste using experimental design", <i>Process Safety and Environmental Protection</i>, 118, 27 June 2018, pp 133-142, doi: https://doi.org/10.1016/j.psep.2018.06.009.</p>
	<p>PENSUPA Nattha, LEU Shao-Yuan, #HU Yunzi, DU Chenyu, LIU Hao, JING Houde, #WANG Huaimin, LIN Sze Ki Carol, "Recent Trends in Sustainable Textile Waste Recycling Methods: Current Situation and Future Prospects", <i>Topics in Current Chemistry</i>, 375(5), 16 August 2017, doi: https://doi.org/10.1007/s41061-017-0165-0.</p>
	<p>#HU Yunzi, DU Chenyu, LEU Shao-Yuan, JING Houde, #LI Xiaotong, LIN Sze Ki Carol, "Valorisation of textile waste by fungal solid state fermentation: An example of circular waste-based biorefinery", <i>Resources, Conservation and Recycling</i>, 129, February 2018, pp 27-35, doi: https://doi.org/10.1016/j.resconrec.2017.09.024.</p>
	<p>#KWAN Tsz Him, VLYSIDIS Anestis, WU Zhiliang, #HU Yunzi, KOUTINAS Apostolis, LIN Sze Ki Carol, "Lactic acid fermentation modelling of <i>Streptococcus thermophilus</i> YI-B1 and <i>Lactobacillus casei</i> Shirota using food waste derived media", <i>Biochemical Engineering Journal</i>, 127, 12 August 2017, pp 97-109, doi: https://doi.org/10.1016/j.bej.2017.08.012.</p>

Section A: Publications of PhD Students

	# HU Yunzi , DAOUD Walid , FEI Bin, CHEN Lei, # KWAN Tsz Him , LIN Sze Ki Carol , "Efficient ZnO aqueous nanoparticle catalysed lactide synthesis for poly(lactic acid) fibre production from food waste", <i>Journal of Cleaner Production</i> , 165, 12 July 2017, pp 157-167, doi: https://doi.org/10.1016/j.jclepro.2017.07.067 .
JIA Yangyang	# CAI Mingwei , NG Siu Kin , LIM Chee Kent , LU Hongyuan , # JIA Yangyang , LEE Patrick Kwan Hon , "Physiological and metagenomic characterizations of the synergistic relationships between ammonia- and nitrite-oxidizing bacteria in freshwater nitrification", <i>Frontiers in Microbiology</i> , 9, 27 February 2018, doi: https://doi.org/10.3389/fmicb.2018.00280 .
	# JIA Yangyang , NG Siu Kin , LU Hongyuan , # CAI Mingwei , LEE Patrick Kwan Hon , "Genome-centric metatranscriptomes and ecological roles of the active microbial populations during cellulosic biomass anaerobic digestion", <i>Biotechnology for Biofuels</i> , 11(1), 23 April 2018, doi: https://doi.org/10.1186/s13068-018-1121-0 .
JIANG Yanan	# JIANG Yanan , GALI Nirmal Kumar , # YANG Fenhuan , ZHANG Junke , NING Zhi , "Chemical characterization of size-segregated PM from different public transport modes and implications of source specific contribution to public exposure", <i>Environmental science and pollution research international</i> , 24(24), 11 July 2017, pp 20029-20040, doi: https://doi.org/10.1007/s11356-017-9661-6 .
KWAN Tsz Him	HAQUE Md Ariful , YANG Xiaofeng , # ONG Khai Lun , TANG Wentao , # KWAN Tsz Him , KULKARNI Sandeep , LIN Sze Ki Carol , "Bioconversion of beverage waste to high fructose syrup as a value-added product", <i>Food and Bioproducts Processing</i> , 105, 26 July 2017, pp 179-187, doi: https://doi.org/10.1016/j.fbp.2017.07.007 .
	YU Iris K.M. , # ONG Khai Lun , TSANG Daniel C.W. , HAQUE Md Ariful , # KWAN Tsz Him , CHEN Season S. , UJIAN Kristiadi , KULKARNI Sandeep , LIN Sze Ki Carol , "Chemical transformation of food and beverage waste-derived fructose to hydroxymethylfurfural as a value-added product", <i>Catalysis Today</i> , 314, 09 January 2018, pp 70-77, doi: https://doi.org/10.1016/j.cattod.2018.01.011 .
	# KWAN Tsz Him , # HU Yunzi , LIN Sze Ki Carol , "Techno-economic analysis of a food waste valorisation process for lactic acid, lactide and poly(lactic acid) production", <i>Journal of Cleaner Production</i> , 181, 03 February 2018, pp 72-87, doi: https://doi.org/10.1016/j.jclepro.2018.01.179 .
	# KWAN Tsz Him , VLYSIDIS Anestis , WU Zhiliang , # HU Yunzi , KOUTINAS Apostolis , LIN Sze Ki Carol , "Lactic acid fermentation modelling of <i>Streptococcus thermophilus</i> YI-B1 and <i>Lactobacillus casei</i> Shirota using food waste derived media", <i>Biochemical Engineering Journal</i> , 127, 12 August 2017, pp 97-109, doi: https://doi.org/10.1016/j.bej.2017.08.012 .
	# HU Yunzi , DAOUD Walid , FEI Bin, CHEN Lei, # KWAN Tsz Him , LIN Sze Ki Carol , "Efficient ZnO aqueous nanoparticle catalysed lactide synthesis for poly(lactic acid) fibre production from food waste", <i>Journal of Cleaner Production</i> , 165, 12 July 2017, pp 157-167, doi: https://doi.org/10.1016/j.jclepro.2017.07.067 .
	# KWAN Tsz Him , # ONG Khai Lun , HAQUE Md Ariful , # KWAN Wing Hei , KULKARNI Sandeep , LIN Sze Ki Carol , "Valorisation of food and beverage waste via saccharification for sugars recovery", <i>Bioresource Technology</i> , 255, 31 January 2018, pp 67-75, doi: https://doi.org/10.1016/j.biortech.2018.01.077 .
	# LAI Yonghang , BRIMBLECOMBE Peter , "Regulatory effects on particulate pollution in the early hours of Chinese New Year, 2015", <i>Environmental Monitoring and Assessment</i> , 189(9), 23 August 2017, doi: https://doi.org/10.1007/s10661-017-6167-0 .
LEE Pui Kit	CHAN Cheuk Ying , # LEE Pui Kit , XU Zhihao , YU Yau Wai Denis , "Designing high-power graphite-based dual-ion batteries", <i>Electrochimica Acta</i> , 263, 08 January 2018, pp 34-39, doi: https://doi.org/10.1016/j.electacta.2018.01.036 .
	LI Yingshun , # WANG Shuo , # LEE Pui Kit , HE Jieqing , YU Yau Wai Denis , "Crack-resistant polyimide coating for high-capacity battery anodes", <i>Journal of Power Sources</i> , 366, 28 September 2017, pp 226-232, doi: https://doi.org/10.1016/j.jpowsour.2017.09.037 .
	# WANG Shuo , # LEE Pui Kit , # YANG Xuming , ROGACH Andrey , ARMSTRONG A. Robert , YU Yau Wai Denis , "Polyimide-cellulose interaction in Sb anode enables fast charging lithium-ion battery application", <i>Materials Today Energy</i> , 9, 23 June 2018, pp 295-302, doi: https://doi.org/10.1016/j.mtener.2018.06.007 .

Section A: Publications of PhD Students

LEE Wai Ki	# LEE Wai Ki , TAM Chi Yung Francis, SOHN Soo-Jin, AHN Joong-Bae, "Predictability of two types of El Niño and their climate impacts in boreal spring to summer in coupled models", <i>Climate Dynamics</i> , 13 December 2017, pp 1-17, doi: https://doi.org/10.1007/s00382-017-4039-5 .
LI Chong	# LI Chong , GAO Shi , # WANG Huaimin , # LI Xiaotong , # ONG Khai Lun , YANG Xiaofeng , LIN Sze Ki Carol , "Succinic acid production using a glycerol-based medium by an engineered strain of <i>Yarrowia lipolytica</i> : Statistical optimization and preliminary economic feasibility study", <i>Biochemical Engineering Journal</i> , 137, 19 June 2018, pp 305-313, doi: https://doi.org/10.1016/j.bej.2018.06.012 .
	# LI Chong , GAO Shi , YANG Xiaofeng , LIN Sze Ki Carol , "Green and sustainable succinic acid production from crude glycerol by engineered <i>Yarrowia lipolytica</i> via agricultural residue based <i>in situ</i> fibrous bed bioreactor", <i>Bioresource Technology</i> , 249, 12 October 2017, pp 612-619, doi: https://doi.org/10.1016/j.biortech.2017.10.011 .
	# LI Chong , YANG Xiaofeng , GAO Shi , CHUH Augustine Harmony , LIN Sze Ki Carol , "Hydrolysis of fruit and vegetable waste for efficient succinic acid production with engineered <i>Yarrowia lipolytica</i> ", <i>Journal of Cleaner Production</i> , 179, 18 January 2018, pp 151-159, doi: https://doi.org/10.1016/j.jclepro.2018.01.081 .
LI Guoliang	# ZHANG Qian , NING Zhi , SHEN Zhenxing, # LI Guoliang , ZHANG Junke , LEI Yali, XU Hongmei, SUN Jian, ZHANG Leiming, WESTERDAHL Frederick Dane , GALI Nirmal Kumar , GONG Xuesong , "Variations of aerosol size distribution, chemical composition and optical properties from roadside to ambient environment: A case study in Hong Kong, China", <i>Atmospheric Environment</i> , 166, 18 July 2017, pp 234-243, doi: https://doi.org/10.1016/j.atmosenv.2017.07.030 .
LI Xiaotong	# LI Chong , GAO Shi , # WANG Huaimin , # LI Xiaotong , # ONG Khai Lun , YANG Xiaofeng , LIN Sze Ki Carol , "Succinic acid production using a glycerol-based medium by an engineered strain of <i>Yarrowia lipolytica</i> : Statistical optimization and preliminary economic feasibility study", <i>Biochemical Engineering Journal</i> , 137, 19 June 2018, pp 305-313, doi: https://doi.org/10.1016/j.bej.2018.06.012 .
	# HU Yunzi , DU Chenyu , LEU Shao-Yuan , JING Houde , # LI Xiaotong , LIN Sze Ki Carol , "Valorisation of textile waste by fungal solid state fermentation: An example of circular waste-based biorefinery", <i>Resources, Conservation and Recycling</i> , 129, February 2018, pp 27-35, doi: https://doi.org/10.1016/j.resconrec.2017.09.024 .
LIU Rugeng	ZHANG Chengxi , # LIU Rugeng , MAK Chun Hong , ZOU Xingli , SHEN Hsin-Hui, LEU Shao-Yuan , JI Li , HSU Sam H Y , "Photophysics of organic photovoltaic devices: a review", <i>Journal of Photonics for Energy</i> , 8(2), April 2018, doi: https://doi.org/10.1117/1.JPE.8.021001 .
	LI Yang , JI Li , # LIU Rugeng , ZHANG Chengxi , MAK Chun Hong , ZOU Xingli , SHEN Hsin-Hui, LEU Shao-Yuan , HSU Sam H Y , "A review on morphology engineering for highly efficient and stable hybrid perovskite solar cells", <i>Journal of Materials Chemistry A</i> , 6(27), 13 June 2018, pp 12842–12875, doi: https://doi.org/10.1039/c8ta04120b .
LOK Chon Fai	# LOK Chon Fai , CHAN Chung Leung Johnny , "Changes of tropical cyclone landfalls in South China throughout the twenty-first century", <i>Climate Dynamics</i> , 01 December 2017, doi: https://doi.org/10.1007/s00382-017-4023-0 .
LUO Yixiao	# LUO Yixiao , LIU Chunhua , "A Simplified Model Predictive Control for a Dual Three-Phase PMSM With Reduced Harmonic Currents", <i>IEEE Transactions on Industrial Electronics</i> , 65(11), 09 March 2018, pp 9079-9089, doi: https://doi.org/10.1109/TIE.2018.2814013 .
	LIU Chunhua , # LUO Yixiao , "Overview of Advanced Control Strategies for Electric Machines", <i>Chinese Journal of Electrical Engineering</i> , 3(2), September 2017, pp 53-61.
METTA-VERSMESSEN Julie Marie	DELLER Jan , # METTA-VERSMESSEN Julie Marie , "Hong Kong's Green Innovations Impact its Energy Market", <i>IAEE Energy Forum</i> , (1st Quarter), January 2018, pp 35-36.
MOK Ka Ho	# MOK Ka Ho , CHAN Chung Leung Johnny , CHAN Ting Fai , "A 31-year climatology of tropical cyclone size from the NCEP Climate Forecast System Reanalysis", <i>International Journal of Climatology</i> , 38(S1), 14 January 2018, pp e796-e806, doi: https://doi.org/10.1002/joc.5407 .
ONG Khai Lun	YU Iris K.M. , # ONG Khai Lun , TSANG Daniel C.W. , HAQUE Md Ariful , # KWAN Tsz Him , CHEN Season S. , UISAN Kristiadi , KULKARNI Sandeep , LIN Sze Ki Carol , "Chemical transformation of food and beverage waste-derived fructose to hydroxymethylfurfural as a value-added

Section A: Publications of PhD Students

	product", <i>Catalysis Today</i> , 314, 09 January 2018, pp 70-77, doi: https://doi.org/10.1016/j.cattod.2018.01.011 .
	HAQUE Md Ariful , YANG Xiaofeng , #ONG Khai Lun , TANG Wentao , #KWAN Tsz Him , KULKARNI Sandeep , LIN Sze Ki Carol , "Bioconversion of beverage waste to high fructose syrup as a value-added product", <i>Food and Bioproducts Processing</i> , 105, 26 July 2017, pp 179-187, doi: https://doi.org/10.1016/j.fbp.2017.07.007 .
	#LI Chong , GAO Shi , #WANG Huaimin , #LI Xiaotong , #ONG Khai Lun , YANG Xiaofeng , LIN Sze Ki Carol , "Succinic acid production using a glycerol-based medium by an engineered strain of <i>Yarrowia lipolytica</i> : Statistical optimization and preliminary economic feasibility study", <i>Biochemical Engineering Journal</i> , 137, 19 June 2018, pp 305-313, doi: https://doi.org/10.1016/j.bej.2018.06.012 .
	#ONG Khai Lun , KAUR Guneet , PENSUPA Nattha , UISAN Kristiadi , LIN Sze Ki Carol , "Trends in food waste valorization for the production of chemicals, materials and fuels: Case study South and Southeast Asia", <i>Bioresource Technology</i> , 248(A), January 2018, pp 100-112, doi: https://doi.org/10.1016/j.biortech.2017.06.076 .
	#KWAN Tsz Him , #ONG Khai Lun , HAQUE Md Ariful , #KWAN Wing Hei , KULKARNI Sandeep , LIN Sze Ki Carol , "Valorisation of food and beverage waste via saccharification for sugars recovery", <i>Bioresource Technology</i> , 255, 31 January 2018, pp 67-75, doi: https://doi.org/10.1016/j.biortech.2018.01.077 .
OWUSU APPIAH Michael	#OWUSU APPIAH Michael , "Investigating the multivariate Granger causality between energy consumption, economic growth and CO ₂ emissions in Ghana", <i>Energy Policy</i> , 112, 19 October 2017, pp 198-208, doi: https://doi.org/10.1016/j.enpol.2017.10.017 .
QIU Shuang	LEUNG Yu Ting , #QIU Shuang , ZHOU Wen , "Modulations of rising motion and moisture on summer precipitation over the middle and lower reaches of the Yangtze river", <i>Climate Dynamics</i> , 23 May 2018, doi: https://doi.org/10.1007/s00382-018-4247-7 .
	#QIU Shuang , ZHOU Wen , LEUNG Yu Ting , LI Xiuxhen , "Regional moisture budget associated with drought/flood events over China", <i>Progress in Earth and Planetary Science</i> , 4(1), 07 December 2017, doi: https://doi.org/10.1186/s40645-017-0148-3 .
SAJJAD Muhammad	#SAJJAD Muhammad , LI Yangfan , TANG Zhenghong , CAO Ling , LIU Xiaoping , "Assessing Hazard Vulnerability, Habitat Conservation, and Restoration for the Enhancement of Mainland China's Coastal Resilience", <i>Earth's Future</i> , 6(3), March 2018, pp 326-338, doi: https://doi.org/10.1002/2017EF000676 .
SU Bizhe	#SU Bizhe , LIANG Hanqin , LIU Guiling , HUANG Zhengren , LIU Xuejian , CHEN Zhongming , YU Yau Wai Denis , "Damage development of sintered SiC ceramics with the depth variation in Ar ion-irradiation at 600 °C", <i>Journal of the European Ceramic Society</i> , 38(5), 26 December 2017, pp 2289-2296, doi: https://doi.org/10.1016/j.jeurceramsoc.2017.12.050 .
SUN Li	#SUN Li , WESTERDAHL Frederick Dane , NING Zhi , "Development and Evaluation of A Novel and Cost-Effective Approach for Low-Cost NO ₂ Sensor Drift Correction", <i>Sensors</i> , 17(8), 19 August 2017, doi: https://doi.org/10.3390/s17081916 .
	#WEI Peng , NING Zhi , YE Sheng , #SUN Li , #YANG Fenhuan , #WONG Ka Chun , WESTERDAHL Frederick Dane , LOUIE Peter K. K. , "Impact analysis of temperature and humidity conditions on electrochemical sensor response in ambient air quality monitoring", <i>Sensors</i> , 18(2), 23 January 2018, doi: https://doi.org/10.3390/s18020059 .
TONG Xinzhaoh	LEUNG HO-yin and Marcus , #TONG Xinzhaoh , TONG J. C.K. , LEE Patrick Kwan Hon , "Airborne bacterial assemblage in a zero carbon building: A case study", <i>Indoor Air</i> , 28(1), 16 August 2017, pp 40-50, doi: https://doi.org/10.1111/ina.12410 .
	LEUNG HO-yin and Marcus , #TONG Xinzhaoh , WILKINS David Francis , #CHEUNG Ho Lam , LEE Patrick Kwan Hon , "Individual and household attributes influence the dynamics of the personal skin microbiota and its association network", <i>Microbiome</i> , 6(1), 08 February 2018, doi: https://doi.org/10.1186/s40168-018-0412-9 .
	GOMEZ-SILVAN Cinta , LEUNG HO-yin and Marcus , GRUE Katherine A. , KAUR Randeep , #TONG Xinzhaoh , LEE Patrick Kwan Hon , ANDERSEN Gary L. , "A comparison of methods used to unveil the genetic and metabolic pool in the built environment", <i>Microbiome</i> , 6, 16 April 2018, doi: https://doi.org/10.1186/s40168-018-0453-0 .

Section A: Publications of PhD Students

	#TONG Xinzhao, LEUNG HO-yin and Marcus, WILKINS David Francis, LEE Patrick Kwan Hon, "City-scale distribution and dispersal routes of mycobiome in residences", <i>Microbiome</i> , 5, 04 October 2017, doi: https://doi.org/10.1186/s40168-017-0346-7 .
WANG Huaimin	#WANG Huaimin, KAUR Guneet, PENSUPA Nattha, UISAN Kristiadi, DU Chenyu, YANG Xiaofeng, LIN Sze Ki Carol, "Textile waste valorization using submerged filamentous fungal fermentation", <i>Process Safety and Environmental Protection</i> , 118, 30 June 2018, pp 143-151, doi: https://doi.org/10.1016/j.psep.2018.06.038 .
	#LI Chong, GAO Shi, #WANG Huaimin, #LI Xiaotong, #ONG Khai Lun, YANG Xiaofeng, LIN Sze Ki Carol, "Succinic acid production using a glycerol-based medium by an engineered strain of <i>Yarrowia lipolytica</i> : Statistical optimization and preliminary economic feasibility study", <i>Biochemical Engineering Journal</i> , 137, 19 June 2018, pp 305-313, doi: https://doi.org/10.1016/j.bej.2018.06.012 .
	PENSUPA Nattha, LEU Shao-Yuan, #HU Yunzi, DU Chenyu, LIU Hao, JING Houde, #WANG Huaimin, LIN Sze Ki Carol, "Recent Trends in Sustainable Textile Waste Recycling Methods: Current Situation and Future Prospects", <i>Topics in Current Chemistry</i> , 375(5), 16 August 2017, doi: https://doi.org/10.1007/s41061-017-0165-0 .
WANG Lingyun	#WANG Lingyun, DAOUD Walid, "UV-Induced Photocatalytic Cashmere Fibers", <i>Materials</i> , 10(12), December 2017, doi: https://doi.org/10.3390/ma10121414 .
	#YANG Xiya, #CHAN Sze Yan, #WANG Lingyun, DAOUD Walid, "Water tank triboelectric nanogenerator for efficient harvesting of water wave energy over a broad frequency range", <i>Nano Energy</i> , 44, 14 December 2017, pp 388-398, doi: https://doi.org/10.1016/j.nanoen.2017.12.025 .
WANG Shuo	LI Yingshun, #WANG Shuo, #LEE Pui Kit, HE Jieqing, YU Yau Wai Denis, "Crack-resistant polyimide coating for high-capacity battery anodes", <i>Journal of Power Sources</i> , 366, 28 September 2017, pp 226-232, doi: https://doi.org/10.1016/j.jpowsour.2017.09.037 .
	#WANG Shuo, #LEE Pui Kit, #YANG Xuming, ROGACH Andrey, ARMSTRONG A. Robert, YU Yau Wai Denis, "Polyimide-cellulose interaction in Sb anode enables fast charging lithium-ion battery application", <i>Materials Today Energy</i> , 9, 23 June 2018, pp 295-302, doi: https://doi.org/10.1016/j.mtener.2018.06.007 .
	BIAN Haidong, #DONG Ranran, SHAO Qingguo, #WANG Shuo, YUEN Muk Fung, ZHANG Zhenyu, YU Yau Wai Denis, ZHANG Wenjun, LU Jian, LI Yangyang, "Water-enabled crystallization of mesoporous SnO ₂ as a binder-free electrode for enhanced sodium storage", <i>Journal of Materials Chemistry A</i> , 5(45), 23 October 2017, pp 23967-23975, doi: https://doi.org/10.1039/c7ta08228b .
WEI Peng	#WEI Peng, NING Zhi, YE Sheng, #SUN Li, #YANG Fenhuan, #WONG Ka Chun, WESTERDAHL Frederick Dane, LOUIE Peter K. K., "Impact analysis of temperature and humidity conditions on electrochemical sensor response in ambient air quality monitoring", <i>Sensors</i> , 18(2), 23 January 2018, doi: https://doi.org/10.3390/s18020059 .
WONG Ka Chun	#WEI Peng, NING Zhi, YE Sheng, #SUN Li, #YANG Fenhuan, #WONG Ka Chun, WESTERDAHL Frederick Dane, LOUIE Peter K. K., "Impact analysis of temperature and humidity conditions on electrochemical sensor response in ambient air quality monitoring", <i>Sensors</i> , 18(2), 23 January 2018, doi: https://doi.org/10.3390/s18020059 .
XIANG Yan	#XIANG Yan, DAOUD Walid, "Electrochemical enhancement of carbon paper by indium modification for the positive side of vanadium redox flow battery", <i>Journal of the Electrochemical Society</i> , 164(9), 03 August 2017, pp A2256-A2261, doi: https://doi.org/10.1149/2.0061712jes .
XING Yang	#XING Yang, BRIMBLECOMBE Peter, "Dispersion of traffic derived air pollutants into urban parks", <i>Science of the Total Environment</i> , 622-623, 13 December 2017, pp 576-583, doi: https://doi.org/10.1016/j.scitotenv.2017.11.340 .
XU Fei	#XU Fei, #CHEN Jinfan, KALYTCHUK Sergii, CHU Ling, SHAO Yiru, KONG Dexin, CHU Kung-Hui, SIT Patrick, TEOH Wey Yang, "Supported gold clusters as effective and reusable photocatalysts for the abatement of endocrine-disrupting chemicals under visible light", <i>Journal of Catalysis</i> , 354, 20 August 2017, pp 1-12, doi: https://doi.org/10.1016/j.jcat.2017.07.027 .
	#XU Fei, WEBSTER Richard D., #CHEN Jinfan, TAN Timothy T.Y., SIT Patrick, TEOH Wey Yang, "Revisiting the mechanism of hexavalent chromium ion reduction: The parallel

Section A: Publications of PhD Students

	photodecomposition and photocatalytic reduction of chromate(VI) ester", <i>Applied Catalysis B: Environmental</i> , 210, 05 August 2017, pp 444-453, doi: https://doi.org/10.1016/j.apcatb.2017.04.024 .
YANG Fenhuan	#JIANG Yanan, GALI Nirmal Kumar, #YANG Fenhuan, ZHANG Junke, NING Zhi, "Chemical characterization of size-segregated PM from different public transport modes and implications of source specific contribution to public exposure", <i>Environmental science and pollution research international</i> , 24(24), 11 July 2017, pp 20029-20040, doi: https://doi.org/10.1007/s11356-017-9661-6 . #WEI Peng, NING Zhi, YE Sheng, #SUN Li, #YANG Fenhuan, #WONG Ka Chun, WESTERDAHL Frederick Dane, LOUIE Peter K. K., "Impact analysis of temperature and humidity conditions on electrochemical sensor response in ambient air quality monitoring", <i>Sensors</i> , 18(2), 23 January 2018, doi: https://doi.org/10.3390/s18020059 .
YANG Xiya	#YANG Xiya, DAOUD Walid, "Design parameters impact on output characteristics of flexible hybrid energy harvesting generator: Experimental and theoretical simulation based on a parallel hybrid model", <i>Nano Energy</i> , 50, 02 June 2018, pp 794-806, doi: https://doi.org/10.1016/j.nanoen.2018.05.073 . WANG Lingyun, #YANG Xiya, DAOUD Walid, "Mechanical energy harvester based on cashmere fibers", <i>Journal of Materials Chemistry A</i> , 6(24), 04 April 2018, pp 11198-11204, doi: https://doi.org/10.1039/c8ta00909k . #YANG Xiya, #CHAN Sze Yan, #WANG Lingyun, DAOUD Walid, "Water tank triboelectric nanogenerator for efficient harvesting of water wave energy over a broad frequency range", <i>Nano Energy</i> , 44, 14 December 2017, pp 388-398, doi: https://doi.org/10.1016/j.nanoen.2017.12.025 .
YU Jincheng	#YU Jincheng, LIU Chunhua, "Design of a Double-Stator Magnetless Vernier Machine for Direct-Drive Robotics", <i>IEEE Transactions on Magnetics</i> , 28 May 2018, doi: https://doi.org/10.1109/TMAG.2018.2836193 .
ZHANG Jiaolong	#YANG Xuming, #ZHANG Jiaolong, #WANG Zhenguang, WANG Hongkang, ZHI Chunyi, YU Yau Wai Denis, ROGACH Andrey, "Carbon-Supported Nickel Selenide Hollow Nanowires as Advanced Anode Materials for Sodium-Ion Batteries", <i>Small</i> , 14(7), 27 December 2017, doi: https://doi.org/10.1002/smll.201702669 . WANG Wenhui, #ZHANG Jiaolong, YU Yau Wai Denis, LI Quan, "Improving the cycling stability of Sn ₄ P ₃ anode for sodium-ion battery", <i>Journal of Power Sources</i> , 364, 29 August 2017, pp 420-425, doi: https://doi.org/10.1016/j.jpowsour.2017.08.060 . SEHRAWAT Divya, #ZHANG Jiaolong, YU Yau Wai Denis, SHARMA Neeraj, "In situ studies of Li/Cu-doped layered P2 Na _x MnO ₂ electrodes for sodium-ion batteries", <i>Small Methods</i> , 12 June 2018, doi: https://doi.org/10.1002/smttd.201800092 . #ZHANG Jiaolong, YU Yau Wai Denis, "Stabilizing Na _{0.7} MnO ₂ cathode for Na-ion battery via a single-step surface coating and doping process", <i>Journal of Power Sources</i> , 391, 30 April 2018, pp 106-112, doi: https://doi.org/10.1016/j.jpowsour.2018.04.077 .
ZHANG Linghai	DING Yang, JIANG Yue, ZHANG Wenhui, #ZHANG Linghai, LU Xubing, WANG Qianming, ZHOU Guofu, LIU Jun-Ming, KEMPA Krzysztof, GAO Jinwei, "Influence of Heterocyclic Spacer and End Substitution on Hole Transporting Properties Based on Triphenylamine Derivatives: Theoretical Investigation", <i>Journal of Physical Chemistry C</i> , 121(31), 24 July 2017, pp 16731-16738, doi: https://doi.org/10.1021/acs.jpcc.7b06335 . DREYER Jochen Armin Helmut, LI Peixin, #ZHANG Linghai, #BEH Gein Khai, ZHANG Runduo, SIT Patrick, TEOH Wey Yang, "Influence of the oxide support reducibility on the CO ₂ methanation over Ru-based catalysts", <i>Applied Catalysis B: Environmental</i> , 219, 03 August 2017, pp 715-726, doi: https://doi.org/10.1016/j.apcatb.2017.08.011 . #ZHANG Linghai, SIT Patrick, "Ab initio study of the role of iodine in the degradation of CH ₃ NH ₃ PbI ₃ ", <i>Journal of Materials Chemistry A</i> , 5(45), 21 October 2017, pp 23976-23986, doi: https://doi.org/10.1039/c7ta07754h .
ZHANG Qian	#ZHANG Qian, NING Zhi, SHEN Zhenxing, #LI Guoliang, ZHANG Junke, LEI Yali, XU Hongmei, SUN Jian, ZHANG Leiming, WESTERDAHL Frederick Dane, GALI Nirmal Kumar, GONG Xuesong, "Variations of aerosol size distribution, chemical composition and optical properties from roadside to ambient environment: A case study in Hong Kong, China",

Section A: Publications of PhD Students

	<i>Atmospheric Environment</i> , 166, 18 July 2017, pp 234-243, doi: https://doi.org/10.1016/j.atmosenv.2017.07.030 .
ZHAO Xiaohui	#ZHAO Xiaohui, CHAN Chung Leung Johnny, "Effect of the Initial Vortex Size on Intensity Change in the WRF-ROMS Coupled Model", <i>Journal of Geophysical Research: Oceans</i> , 122(12), 08 December 2017, pp 9636-9648, doi: https://doi.org/10.1002/2017JC013283 .
Conference papers	
LIU Rugeng	HSU Sam H Y, ZHANG Chengxi, MAK Chun Hong, #LIU Rugeng, "Hybrid Perovskite Solar Cells To Combat Climate Change", <i>International Conference on Geology and Earth Sciences</i> , 02 May 2018.
	HSU Sam H Y, ZHANG Chengxi, MAK Chun Hong, #LIU Rugeng, "Platinum-Based Metallopolymers for 3D Printing Applications", <i>2nd International Conference on 3D Printing Technology and Innovations</i> , 19-20 March 2018.
	HSU Sam H Y, ZHANG Chengxi, MAK Chun Hong, #LIU Rugeng, "Hybrid Perovskite Solar Cells", <i>Environmental Science & Technology 2018</i> , 29 March 2018.
LUO Yixiao	#LUO Yixiao, LIU Chunhua, "Model Predictive Torque Control of an Open-End Winding PMSM with Reduced Computation Time", <i>2017 20th International Conference on Electrical Machines and Systems (ICEMS)</i> , Sydney, Australia, 11-14 August 2017, pp 1-6, (ISBN: 1538632462,9781538632468).
YU Jincheng	#YU Jincheng, LIU Chunhua, "Design of a Double-Stator Hybrid Flux Switching Permanent Magnet Machine for Direct-Drive Robotics", <i>2017 20th International Conference on Electrical Machines and Systems (ICEMS)</i> , Sydney, Australia, 11-14 August 2017, pp 1-6, (ISBN: 9781538632468).
ZHANG Linghai	#ZHANG Linghai, SIT Patrick, "Ab initio study of the role of oxygen and excess electrons in the degradation of CH ₃ NH ₃ PbI ₃ ", <i>Asia Communications and Photonics Conference, ACPC 2017</i> , Guangzhou, Guangdong, China, 10-13 November 2017, (ISBN: 978-1-943580-34-7).
Patents, agreements, assignments and companies	
KWAN Tsz Him	LIN Sze Ki Carol, #KWAN Tsz Him, "Bioconversion of food and beverage waste", Licensing Agreement with Food & beverage, United States, 30 September 2017.
	LIN Sze Ki Carol, #KWAN Tsz Him, MING Yiu Heng Ernest, Method of Converting and Organic Waste and Its Product and Use of the Product, Patent No.: HK1236722, Hong Kong, 29 March 2018.
All other outputs	
CHEN Jinfan	#CHEN Jinfan, <i>Ab Initio Study of the Hydrogen-production Reactions of Cobaloxime Catalysts in the Acetonitrile-water Solvent</i> , PhD Thesis, School of Energy and Environment, City University of Hong Kong, Hong Kong, PRC, 27 October 2017.
DUAN Guangdong	#DUAN Guangdong, <i>Large-Eddy Simulations of Transient Flow and Scalar Dynamics in Idealised Urban Topographies</i> , PhD Thesis, School of Energy and Environment, School of Energy and Environment, City University of Hong Kong, Hong Kong, PRC, 01 December 2017.
GUO Jiaxin	#GUO Jiaxin, Student Poster Award (with cash prize) in ICOM 11, in the 11th International Congress on Membranes and Membrane Processes (ICOM 2017) on "Enabling Membrane Technology" held in Hilton San Francisco Union Square, San Francisco, CA USA, in the period, 29 July – 4 August 2017.
JIA Yangyang	#JIA Yangyang, <i>Integrated Omics Analysis of the Microbial Ecology in the Anaerobic Digestion of Lignocellulosic Biomass</i> , PhD Thesis, School of Energy and Environment, City University of Hong Kong, Hong Kong, PRC, 27 October 2017.
KWAN Tsz Him	#WANG Huaimin, #LI Xiaotong, #KWAN Tsz Him, LIN Sze Ki Carol, Gold Medal in Geneva Invention Exhibition 2018, "Textile Waste Recycling by Biological Method", Swiss Federal Government, of the State, the City of Geneva and of the World Intellectual Property Organization WIPO, Switzerland, 13 April 2018.
LI Xiaotong	#WANG Huaimin, #LI Xiaotong, #KWAN Tsz Him, LIN Sze Ki Carol, Gold Medal in Geneva Invention Exhibition 2018, "Textile Waste Recycling by Biological Method", Swiss Federal Government, of the State, the City of Geneva and of the World Intellectual Property Organization WIPO, Switzerland, 13 April 2018.

Section A: Publications of PhD Students

LOK Chon Fai	# <u>LOK Chon Fai</u> , <i>Tropical Cyclone Landfall in South China: Seasonal Prediction and Climate Change Projection</i> , PhD Thesis, School of Energy and Environment, City University of Hong Kong, Hong Kong, PRC, 27 December 2017.
NG Chak Piu	# <u>NG Chak Piu</u> , <i>Coupling High-resolution Urban Canopy Model and Land Cover Data for Improving Local Visibility Forecast</i> , PhD Thesis, School of Energy and Environment, City University of Hong Kong, Hong Kong, PRC, 29 January 2018.
NG Ka Wai Eric	# <u>NG Ka Wai Eric</u> , <i>The Internal Boundary Layer of Tropical Cyclone</i> , PhD Thesis, School of Energy and Environment, City University of Hong Kong, Hong Kong, PRC, 01 March 2018.
ONG Khai Lun	<u>KAUR Guneet</u> , <u>UISAN Kristiadi</u> , # <u>ONG Khai Lun</u> , <u>LIN Sze Ki Carol</u> , (Book / Software Review) "Recent Trends in Green and Sustainable Chemistry & Waste Valorisation: Rethinking Plastics in a circular economy", <i>Current Opinion in Green and Sustainable Chemistry</i> , 9, 26 November 2017, pp 30-39, doi: https://doi.org/10.1016/j.cogsc.2017.11.003 .
WANG Huaimin	# <u>WANG Huaimin</u> , # <u>LI Xiaotong</u> , # <u>KWAN Tsz Him</u> , <u>LIN Sze Ki Carol</u> , Gold Medal in Geneva Invention Exhibition 2018, "Textile Waste Recycling by Biological Method", Swiss Federal Government, of the State, the City of Geneva and of the World Intellectual Property Organization WIPO, Switzerland, 13 April 2018.
XING Yang	# <u>XING Yang</u> , Best Paper 2017, the 23rd International Clean Air and Environment Conference, Clean Air Society of Australia and New Zealand, Australia, 17 October 2017. # <u>XING Yang</u> , Emerging Air Quality Professional Achievers Award 2017, the 23rd International Clean Air and Environment Conference, Golder Associates Inc., Australia, 17 October 2017.
ZHANG Jiaolong	# <u>ZHANG Jiaolong</u> , <i>Development of Sodium/Lithium-based Metal Oxides as Cathodes for Na-ion Batteries</i> , PhD Thesis, School of Energy and Environment, City University of Hong Kong, Hong Kong, PRC, 01 September 2017.
ZHANG Qian	# <u>ZHANG Qian</u> , Scholarship for Doctorate Postgraduate Students, Chinese Ministry of Education, 博士研究生国家奖学金, Ministry of Education China, October 2017. # <u>ZHANG Qian</u> , <i>Distribution Characteristics and Source Identifications of Black Carbon and Brown Carbon Aerosols in Typical Cities in Northern and Southern China-Xi'an and Hong Kong</i> , PhD Thesis, School of Energy and Environment, City University of Hong Kong, Hong Kong, PRC, 12 March 2018.
SCHOOL OF LAW	
All other outputs	
HE Xiaoli	# <u>HE Xiaoli</u> , <i>On the Scrutinization of "Like Circumstances" in the National Treatment Clause of International Investment Law</i> , PhD Thesis, School of Law, City University of Hong Kong, Hong Kong, PRC, 15 June 2018.
ORINA Nabil Mokaya	# <u>ORINA Nabil Mokaya</u> , "Should the ICJ render an advisory opinion on the immunity question re Articles 27 & 98 of the Rome Statute?", 24 March 2018.
XIAO Huina	# <u>XIAO Huina</u> , <i>Tax Non-Compliance of the Private Businesses in Southeast China</i> , PhD Thesis, School of Law, City University of Hong Kong, Hong Kong, PRC, 19 January 2018.
Jockey Club College of Veterinary Medicine and Life Sciences	
DEPARTMENT OF BIOMEDICAL SCIENCES	
Journal publications	
AL AZAD Muha Ajijur Rahman	# <u>WAQAS Muhammad</u> , # <u>PHAM Chanh Tin</u> , <u>KWOK Yuk Yan</u> , # <u>VU Tien Luyen</u> , <u>MA Victor</u> , # <u>PENG Boya</u> , # <u>CHAN Yuen San</u> , # <u>WEI Likun</u> , # <u>CHIN Siew Mei</u> , # <u>AL AZAD Muha Ajijur Rahman</u> , <u>HE Alex Bai-Liang</u> , <u>LEUNG Anskar Y. H.</u> , <u>YANG M</u> , <u>SHYH-CHANG Ng</u> , <u>CHO William C.</u> , <u>SHI Jiahai</u> , <u>LE Thi Nguyet Minh</u> , "Efficient RNA drug delivery using red blood cell extracellular vesicles", <i>Nature Communications</i> , 9, 15 June 2018, doi: https://doi.org/10.1038/s41467-018-04791-8 .
ALAM Md Kowsar	# <u>ALAM Md Kowsar</u> , # <u>KOOMSON Emmanuel</u> , # <u>ZOU Heng</u> , <u>YI Changqing</u> , <u>LI Cheuk Wing</u> , <u>XU Tao</u> , <u>YANG M</u> , "Recent advances in microfluidic technology for manipulation and analysis of biological cells (2007–2017)", <i>Analytica Chimica Acta</i> , 26 June 2018, doi: https://doi.org/10.1016/j.aca.2018.06.054 .
ASTHANA Pallavi	# <u>ASTHANA Pallavi</u> , <u>ZHANG Ni</u> , <u>KUMAR Gajendra</u> , # <u>CHINE Virendra Bhagawan</u> , # <u>SINGH Kunal Kumar</u> , <u>MAK Yim Ling</u> , <u>CHAN Lai Leo</u> , <u>LAM Kwan Sing Paul</u> , <u>MA Chi Him Eddie</u> , "Pacific

Section A: Publications of PhD Students

	Ciguatoxin Induces Excitotoxicity and Neurodegeneration in the Motor Cortex Via Caspase 3 Activation: Implication for Irreversible Motor Deficit", <i>Molecular Neurobiology</i> , 18 January 2018, pp 1-19, doi: https://doi.org/10.1007/s12035-018-0875-5 .
BAIBADO Joewel Tarra	<u>LI Lingju</u> , #BAIBADO Joewel Tarra, SHEN Qing, CHEUNG Hon Yeung, "Determination of the authenticity of plastron-derived functional foods based on amino acid profiles analysed by MEKC", <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 1070, 16 October 2017, pp 23-30, doi: https://doi.org/10.1016/j.jchromb.2017.10.036 .
CAO Bing	GUO Vivian Yawei, #CAO Bing, CAI Chunyan, CHENG Kenneth King-yip, CHEUNG Bernard Man Yung, "Fetuin-A levels and risk of type 2 diabetes mellitus: a systematic review and meta-analysis", <i>Acta Diabetologica</i> , 55(1), 11 November 2017, pp 87-98, doi: https://doi.org/10.1007/s00592-017-1068-9 .
CHAN Yuen San	#WAQAS Muhammad, #PHAM Chanh Tin, KWOK Yuk Yan, #VU Tien Luyen, MA Victor, #PENG Boya, #CHAN Yuen San, #WEI Likun, #CHIN Siew Mei, #AL AZAD Muha Ajjur Rahman, HE Alex Bai-Liang, LEUNG Anskar Y. H., YANG M, SHYH-CHANG Ng, CHO William C., SHI Jiahai, LE Thi Nguyet Minh, "Efficient RNA drug delivery using red blood cell extracellular vesicles", <i>Nature Communications</i> , 9, 15 June 2018, doi: https://doi.org/10.1038/s41467-018-04791-8 .
	<u>LI Yaping</u> , #YU Wai Kin, CHEN Likun, #CHAN Yuen San, <u>LIU Dandan</u> , <u>FONG Chi Chun</u> , <u>XU Tao</u> , <u>ZHU Guangyu</u> , <u>SUN Dong</u> , <u>YANG M</u> , "Electrotaxis of tumor-initiating cells of H1975 lung adenocarcinoma cells is associated with both activation of stretch-activated cation channels (SACCs) and internal calcium release", <i>Bioelectrochemistry</i> , 124, 27 March 2018, pp 80-92, doi: https://doi.org/10.1016/j.bioelechem.2018.03.013 .
CHEUNG Hung Chi	<u>KAUR Guneet</u> , #CHEUNG Hung Chi, #XU Wei, <u>WONG Jun Vic</u> , CHAN For Fan, #LI Yingxue, MCREYNOLDS Larry, <u>HUANG Linfeng</u> , "Milligram scale production of potent recombinant small interfering RNAs in Escherichia coli", <i>Biotechnology and Bioengineering</i> , 115(9), 05 June 2018, pp 2280-2291, doi: https://doi.org/10.1002/bit.26740 .
CHINE Virendra Bhagawan	#ASTHANA Pallavi, ZHANG Ni, KUMAR Gajendra, #CHINE Virendra Bhagawan, #SINGH Kunal Kumar, MAK Yim Ling, CHAN Lai Leo, LAM Kwan Sing Paul, MA Chi Him Eddie, "Pacific Ciguatoxin Induces Excitotoxicity and Neurodegeneration in the Motor Cortex Via Caspase 3 Activation: Implication for Irreversible Motor Deficit", <i>Molecular Neurobiology</i> , 18 January 2018, pp 1-19, doi: https://doi.org/10.1007/s12035-018-0875-5 .
DAN Xuelian	<u>DONG Qi</u> , MEN Ruotin, #DAN Xuelian, <u>CHEN Ying</u> , #LI Huangcan, CHEN Gong, ZEE Benny, WANG Maggie H.T., <u>HE Mingliang</u> , "Hsc70 regulates the IRES activity and serves as an antiviral target of enterovirus A71 infection", <i>Antiviral Research</i> , 150, 24 November 2017, pp 39-46, doi: https://doi.org/10.1016/j.antiviral.2017.11.020 .
	YANG Xiaoxue, #DAN Xuelian, MEN Ruoting, MA Liping, WEN Maoyao, PENG Yong, YANG Li, "MiR-142-3p blocks TGF- β -induced activation of hepatic stellate cells through targeting TGF β RI", <i>Life Sciences</i> , 187, 18 August 2017, pp 22-30, doi: https://doi.org/10.1016/j.lfs.2017.08.017 .
FENG Jingyu	#LIN Xudong, #WANG Ying, #CHEN Xian, YANG Runhuai, #WANG Zixun, #FENG Jingyu, WANG Haitao, LAI Wai Chiu King, <u>HE Jufang</u> , <u>WANG Feng</u> , <u>SHI Peng</u> , "Multiplexed Optogenetic Stimulation of Neurons with Spectrum-Selective Upconversion Nanoparticles", <i>Advanced healthcare materials</i> , 6(17), 10 August 2017, doi: https://doi.org/10.1002/adhm.201700446 .
GAO Di	ZHOU Yimin, CHEUNG Ying-Kit, MA Chao, ZHAO Shirui, #GAO Di, <u>LO Pui Chi</u> , FONG Wing-Ping, WONG Kam Sing, NG Dennis K. P., "Endoplasmic Reticulum-Localized Two-Photon-Absorbing Boron Dipyrromethenes as Advanced Photosensitizers for Photodynamic Therapy", <i>Journal of Medicinal Chemistry</i> , 61(9), 22 April 2018, pp 3952-3961, doi: https://doi.org/10.1021/acs.jmedchem.7b01907 .
	#GAO Di, <u>LO Pui Chi</u> , "Polymeric micelles encapsulating pH-responsive doxorubicin prodrug and glutathione-activated zinc(II) phthalocyanine for combined chemotherapy and photodynamic therapy", <i>Journal of Controlled Release</i> , 282, 16 April 2018, pp 46-61, doi: https://doi.org/10.1016/j.jconrel.2018.04.030 .

Section A: Publications of PhD Students

HE Wenqing	#HE Wenqing, #LIU Peng, #ZHANG Jianqiang, YAO Xi, "Emerging Applications of Bioinspired Slippery Surfaces in Biomedical Fields", <i>Chemistry - A European Journal</i> , 26 April 2018, doi: https://doi.org/10.1002/chem.201801368 .
	#HE Wenqing, #LIU Peng, #JIANG Jieke, #LIU Meijin, #LI Hualin, #ZHANG Jianqiang, LUO Yan, CHEUNG Hon Yeung, YAO Xi, "Development of multifunctional liquid-infused materials by printing assisted functionalization on porous nanocomposites", <i>Journal of Materials Chemistry A</i> , 6(9), 30 January 2018, pp 4199-4208, doi: https://doi.org/10.1039/C7TA10780C , https://doi.org/10.1039/c7ta10780c .
HUANG Lihong	WANG Xiuhui, ZENG Zhaoyong, ZHANG Zaoyue, ZHENG Yi, LI Bo, SU Guanming, LI Huanan, #HUANG Lihong, QI Wenbao, LIAO Ming, "The appropriate combination of hemagglutinin and neuraminidase prompts the predominant H5N6 highly pathogenic avian influenza virus in birds", <i>Frontiers in Microbiology</i> , 9, 29 May 2018, doi: https://doi.org/10.3389/fmicb.2018.01088 .
JIANG Xinlei	#JIANG Xinlei, LIU Xuan, LAW Oi Kwan, WANG Ya, LO Wai-U, WENG Xing, CHAN Ting-Fung, HO Pak Leung, LAU Chi Kong Terrence, "The CTX-M-14 plasmid pHK01 encodes novel small RNAs and influences host growth and motility", <i>FEMS Microbiology Ecology</i> , 93(7), 01 July 2017, doi: https://doi.org/10.1093/femsec/fix090 .
KONG Hoi Kuan Karen	CHEUNG Allen Ka Loon, KWOK Hau-Yee, HUANG Yiru, CHEN Min, MO Yufei, WU Xilin, LAM Ka-Shing, #KONG Hoi Kuan Karen, LAU Chi Kong Terrence, ZHOU Jingying, LI Jingjing, CHENG Lin, KIAT LEE Boon, PENG Qiaoli, LU Xiaofan, AN Minghui, WANG Hui, SHANG Hong, ZHOU Boping, WU Hao, XU Aimin, YUEN Kwok-Yung, CHEN Zhiwei, "Gut-homing $\Delta 42PD1^+V\delta 2$ T cells promote innate mucosal damage via TLR4 during acute HIV type 1 infection", <i>Nature Microbiology</i> , 2(10), 14 August 2017, pp 1389-1402, doi: https://doi.org/10.1038/s41564-017-0006-5 .
	#KONG Hoi Kuan Karen, LIU Xuan, LO Wai U., PAN Qing, LAW Oi Kwan, CHAN Ting F., HO Pak L., LAU Chi Kong Terrence, "Identification of Plasmid-Encoded sRNAs in a <i>bla</i> _{NDM-1} -Harboring Multidrug-Resistance Plasmid pNDM-HK in <i>Enterobacteriaceae</i> ", <i>Frontiers in Microbiology</i> , 9, 27 March 2018, doi: https://doi.org/10.3389/fmicb.2018.00532 .
KOOMSON Emmanuel	#ALAM Md Kowsar, #KOOMSON Emmanuel, #ZOU Heng, YI Changqing, LI Cheuk Wing, XU Tao, YANG M, "Recent advances in microfluidic technology for manipulation and analysis of biological cells (2007–2017)", <i>Analytica Chimica Acta</i> , 26 June 2018, doi: https://doi.org/10.1016/j.aca.2018.06.054 .
LEE Jihwan	SUN Duk-Gyu, KANG Hyeri, #TETTEH Hannah, #SU Junfeng, #LEE Jihwan, PARK Sung-Won, HE Jufang, JO Jihoon, YANG Sungchil, YANG Sunggu, "Long term potentiation, but not depression, in interlamellar hippocampus CA1", <i>Scientific Reports</i> , 8, 26 March 2018, doi: https://doi.org/10.1038/s41598-018-23369-4 .
LEE Wai Hin	DAI Xinfeng, MAK Yim Ling, LU Chung-Kuang, MEI Hua-Hsuan, WU Jiajun, #LEE Wai Hin, CHAN Lai Leo, LIM Po Teen, MUSTAPA Nurin Izzati, LIM Hong Chang, WOLF Matthias, LI Dongrong, LUO Zhaohe, GU Haifeng, LEAW Chui Pin, LU Douding, "Taxonomic assignment of the benthic toxigenic dinoflagellate <i>Gambierdiscus</i> sp. type 6 as <i>Gambierdiscus balechii</i> (Dinophyceae), including its distribution and ciguatoxicity", <i>Harmful Algae</i> , 67, 12 July 2017, pp 107-118, doi: https://doi.org/10.1016/j.hal.2017.07.002 .
LI Hualin	#ZHU Shuyan, #LI Hualin, YANG M, PANG Stella W., "Label-free detection of live cancer cells and DNA hybridization using 3D multilayered plasmonic biosensor", <i>Nanotechnology</i> , 29(36), doi: https://doi.org/10.1088/1361-6528/aac8fb .
	#HE Wenqing, #LIU Peng, #JIANG Jieke, #LIU Meijin, #LI Hualin, #ZHANG Jianqiang, LUO Yan, CHEUNG Hon Yeung, YAO Xi, "Development of multifunctional liquid-infused materials by printing assisted functionalization on porous nanocomposites", <i>Journal of Materials Chemistry A</i> , 6(9), 30 January 2018, pp 4199-4208, doi: https://doi.org/10.1039/C7TA10780C , https://doi.org/10.1039/c7ta10780c .
LI Huangcan	DONG Qi, MEN Ruotin, #DAN Xuelian, CHEN Ying, #LI Huangcan, CHEN Gong, ZEE Benny, WANG Maggie H.T., HE Mingliang, "Hsc70 regulates the IRES activity and serves as an antiviral target of enterovirus A71 infection", <i>Antiviral Research</i> , 150, 24 November 2017, pp 39-46, doi: https://doi.org/10.1016/j.antiviral.2017.11.020 .
LI Ying	#WANG Wei, KANDIMALLA Raju, #HUANG Hao, #ZHU Lina, #LI Ying, #GAO Feng, GOEL Ajay, WANG Xin, "Molecular subtyping of colorectal cancer: Recent progress, new challenges

Section A: Publications of PhD Students

	and emerging opportunities", <i>Seminars in Cancer Biology</i> , 18 May 2018, doi: https://doi.org/10.1016/j.semcancer.2018.05.002 .
LIU Jiaxian	#WAN Yi Ching Esther, #LIU Jiaxian, CHAN Kui Ming, "Histone H3 Mutations in Cancer", <i>Current Pharmacology Reports</i> , 4(4), 26 April 2018, pp 292-300, doi: https://doi.org/10.1007/s40495-018-0141-6 .
LIU Meijin	#LIU Meijin, #LIU Peng, #LU Gang, XU Zhengtao, YAO Xi, "Multiphase-Assembly of Siloxane Oligomers with Improved Mechanical Strength and Water-Enhanced Healing", <i>Angewandte Chemie - International Edition</i> , 57(35), pp 11242–11246, doi: https://doi.org/10.1002/anie.201805206 .
	ZHOU Jinming, HAN Peng, #LIU Meijin, ZHOU Haiyan, ZHANG Yingxue, #JIANG Jieke, #LIU Peng, WEI Yu, SONG Yanlin, YAO Xi, "Self-Healable Organogel Nanocomposite with Angle-Independent Structural Colors", <i>Angewandte Chemie - International Edition</i> , 56(35), 24 July 2017, pp 10462-10466, doi: https://doi.org/10.1002/anie.201705462 .
	#HE Wengqing, #LIU Peng, #JIANG Jieke, #LIU Meijin, #LI Hualin, #ZHANG Jianqiang, LUO Yan, CHEUNG Hon Yeung, YAO Xi, "Development of multifunctional liquid-infused materials by printing assisted functionalization on porous nanocomposites", <i>Journal of Materials Chemistry A</i> , 6(9), 30 January 2018, pp 4199-4208, doi: https://doi.org/10.1039/C7TA10780C , https://doi.org/10.1039/c7ta10780c .
LIU Peng	#LIU Meijin, #LIU Peng, #LU Gang, XU Zhengtao, YAO Xi, "Multiphase-Assembly of Siloxane Oligomers with Improved Mechanical Strength and Water-Enhanced Healing", <i>Angewandte Chemie - International Edition</i> , 57(35), pp 11242–11246, doi: https://doi.org/10.1002/anie.201805206 .
	ZHOU Jinming, HAN Peng, #LIU Meijin, ZHOU Haiyan, ZHANG Yingxue, #JIANG Jieke, #LIU Peng, WEI Yu, SONG Yanlin, YAO Xi, "Self-Healable Organogel Nanocomposite with Angle-Independent Structural Colors", <i>Angewandte Chemie - International Edition</i> , 56(35), 24 July 2017, pp 10462-10466, doi: https://doi.org/10.1002/anie.201705462 .
	#HE Wengqing, #LIU Peng, #ZHANG Jianqiang, YAO Xi, "Emerging Applications of Bioinspired Slippery Surfaces in Biomedical Fields", <i>Chemistry - A European Journal</i> , 26 April 2018, doi: https://doi.org/10.1002/chem.201801368 .
	#HE Wengqing, #LIU Peng, #JIANG Jieke, #LIU Meijin, #LI Hualin, #ZHANG Jianqiang, LUO Yan, CHEUNG Hon Yeung, YAO Xi, "Development of multifunctional liquid-infused materials by printing assisted functionalization on porous nanocomposites", <i>Journal of Materials Chemistry A</i> , 6(9), 30 January 2018, pp 4199-4208, doi: https://doi.org/10.1039/C7TA10780C , https://doi.org/10.1039/c7ta10780c .
LU Gang	#LIU Meijin, #LIU Peng, #LU Gang, XU Zhengtao, YAO Xi, "Multiphase-Assembly of Siloxane Oligomers with Improved Mechanical Strength and Water-Enhanced Healing", <i>Angewandte Chemie - International Edition</i> , 57(35), pp 11242–11246, doi: https://doi.org/10.1002/anie.201805206 .
PENG Boya	#WAQAS Muhammad, #PHAM Chanh Tin, KWOK Yuk Yan, #VU Tien Luyen, MA Victor, #PENG Boya, #CHAN Yuen San, #WEI Likun, #CHIN Siew Mei, #AL AZAD Muha Ajjur Rahman, HE Alex Bai-Liang, LEUNG Anskar Y. H., YANG M, SHYH-CHANG Ng, CHO William C., SHI Jiahai, LE Thi Nguyet Minh, "Efficient RNA drug delivery using red blood cell extracellular vesicles", <i>Nature Communications</i> , 9, 15 June 2018, doi: https://doi.org/10.1038/s41467-018-04791-8 .
PHAM Chanh Tin	#WAQAS Muhammad, #PHAM Chanh Tin, KWOK Yuk Yan, #VU Tien Luyen, MA Victor, #PENG Boya, #CHAN Yuen San, #WEI Likun, #CHIN Siew Mei, #AL AZAD Muha Ajjur Rahman, HE Alex Bai-Liang, LEUNG Anskar Y. H., YANG M, SHYH-CHANG Ng, CHO William C., SHI Jiahai, LE Thi Nguyet Minh, "Efficient RNA drug delivery using red blood cell extracellular vesicles", <i>Nature Communications</i> , 9, 15 June 2018, doi: https://doi.org/10.1038/s41467-018-04791-8 .
RAZA Chand	LI Yong-Fang, ZHANG Pan-Pan, YAN Su-Jun, XU Jia-Yi, NIAZ Shah-Iram, #RAZA Chand, MA Chi Him Eddie, LIN Yong-Cheng, LI Jing, LIU Lan, "Atranes with enhancement neurite outgrowth capacities from the crinoid-derived fungus <i>stachybotrys chartarum</i> 952", <i>Tetrahedron</i> , 73(52), 06 November 2017, pp 7260-7266, doi: https://doi.org/10.1016/j.tet.2017.11.006 .

Section A: Publications of PhD Students

SINGH Kunal Kumar	#ASTHANA Pallavi, <u>ZHANG Ni</u> , <u>KUMAR Gajendra</u> , #CHINE Virendra Bhagawan, #SINGH Kunal Kumar, <u>MAK Yim Ling</u> , <u>CHAN Lai Leo</u> , <u>LAM Kwan Sing Paul</u> , <u>MA Chi Him Eddie</u> , "Pacific Ciguatoxin Induces Excitotoxicity and Neurodegeneration in the Motor Cortex Via Caspase 3 Activation: Implication for Irreversible Motor Deficit", <i>Molecular Neurobiology</i> , 18 January 2018, pp 1-19, doi: https://doi.org/10.1007/s12035-018-0875-5 .
SU Junfeng	SUN Duk-Gyu, KANG Hyeri, #TETTEH Hannah, #SU Junfeng, #LEE Jihwan, PARK Sung-Won, <u>HE Jufang</u> , JO Jihoon, <u>YANG Sungchil</u> , YANG Sunggu, "Long term potentiation, but not depression, in interlamellar hippocampus CA1", <i>Scientific Reports</i> , 8, 26 March 2018, doi: https://doi.org/10.1038/s41598-018-23369-4 .
SUN Wenjian	ZHANG Guang-Wei, #SUN Wenjian, ZINGG Brian, SHEN Li-Yin, <u>HE Jufang</u> , XIONG Ying, TAO Huizhong W, ZHANG Li I, "A Non-canonical Reticular-Limbic Central Auditory Pathway via Medial Septum Contributes to Fear Conditioning", <i>Neuron</i> , 97(2), 28 December 2017, pp 406-417, e1-e4, doi: https://doi.org/10.1016/j.neuron.2017.12.010 .
TETTEH Hannah	SUN Duk-Gyu, KANG Hyeri, #TETTEH Hannah, #SU Junfeng, #LEE Jihwan, PARK Sung-Won, <u>HE Jufang</u> , JO Jihoon, <u>YANG Sungchil</u> , YANG Sunggu, "Long term potentiation, but not depression, in interlamellar hippocampus CA1", <i>Scientific Reports</i> , 8, 26 March 2018, doi: https://doi.org/10.1038/s41598-018-23369-4 .
	#TETTEH Hannah, LEE Minseok, <u>LAU Chun Yue Geoffrey</u> , YANG Sunggu, <u>YANG Sungchil</u> , "Tinnitus: Prospects for Pharmacological Interventions With a Seesaw Model", <i>Neuroscientist</i> , 24(4), 09 October 2017, pp 353-367, doi: https://doi.org/10.1177/1073858417733415 .
THAKUR Abhimanyu	#THAKUR Abhimanyu, #QIU Guangyu, NG Siu Pang, <u>GUAN Jintao</u> , <u>YUE Jianbo</u> , <u>LEE Youngjin</u> , <u>WU Lawrence</u> , "Direct detection of two different tumor-derived extracellular vesicles by SAM-AuNIs LSPR biosensor", <i>Biosensors and Bioelectronics</i> , 94, 15 August 2017, pp 400-407, doi: https://doi.org/10.1016/j.bios.2017.03.036 .
	#THAKUR Abhimanyu, #QIU Guangyu, NG Siu Pang, <u>WU Lawrence</u> , <u>LEE Youngjin</u> , "Detection of membrane antigens of extracellular vesicles by surface plasmon resonance", <i>Journal of Laboratory and Precision Medicine</i> , 2, 29 December 2017, pp 1-4, doi: https://doi.org/10.21037/jlpm.2017.12.08 .
WANG Tingting	WANG Jingru, SHAO Xiaolong, ZHANG Yingchao, ZHU Yanyan, YANG Pan, YUAN Jian, #WANG Tingting, YIN Chunyan, WANG Wei, CHEN Sheng, LIANG Haihua, <u>DENG Xin</u> , "HrpS is a global regulator on T3SS and non-T3SS genes in <i>Pseudomonas savastanoi</i> pv. <i>phaseolicola</i> ", <i>Molecular Plant-Microbe Interactions</i> , 02 May 2018, doi: https://doi.org/10.1094/MPMI-02-18-0035-R .
WANG Wei	ZHAO Linjie, #WANG Wei, HUANG Shuang, YANG Zhengnan, XU Lian, YANG Qilian, ZHOU Xiu, WANG Jinjin, SHEN Qihong, WANG Chenlu, LE Xiaobing, FENG Min, ZHOU Nianxin, LAU Wayne Bond, LAU Bonnie, YAO Shaohua, YI Tao, <u>WANG Xin</u> , ZHAO Xia, WEI Yuquan, ZHOU Shengtao, "The RNA binding protein SORBS2 suppresses metastatic colonization of ovarian cancer by stabilizing tumor-suppressive immunomodulatory transcripts", <i>Genome Biology</i> , 19, 16 March 2018, doi: https://doi.org/10.1186/s13059-018-1412-6 .
	ZHAO Linjie, HUANG Shuang, MEI Shenglin, YANG Zhengnan, XU Lian, ZHOU Nianxin, YANG Qilian, SHEN Qihong, #WANG Wei, LE Xiaobing, LAU Wayne Bond, LAU Bonnie, <u>WANG Xin</u> , YI Tao, ZHAO Xia, WEI Yuquan, WARNER Margaret, GUSTAFSSON Jan-Åke, ZHOU Shengtao, "Pharmacological activation of estrogen receptor beta augments innate immunity to suppress cancer metastasis", <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 115(16), 28 March 2018, pp E3673-E3681, doi: https://doi.org/10.1073/pnas.1803291115 .
	#WANG Wei, KANDIMALLA Raju, #HUANG Hao, #ZHU Lina, #LI Ying, #GAO Feng, GOEL Ajay, <u>WANG Xin</u> , "Molecular subtyping of colorectal cancer: Recent progress, new challenges and emerging opportunities", <i>Seminars in Cancer Biology</i> , 18 May 2018, doi: https://doi.org/10.1016/j.semcancer.2018.05.002 .
	#XU Zhen, #WANG Wei, #REN Yutian, #ZHANG Wencong, #FANG Peilin, <u>HUANG Linfeng</u> , <u>WANG Xin</u> , <u>SHI Peng</u> , "Regeneration of cortical tissue from brain injury by implantation of defined molecular gradient of semaphorin 3A", <i>Biomaterials</i> , 157, 12 December 2017, pp 125-135, doi: https://doi.org/10.1016/j.biomaterials.2017.12.010 .

Section A: Publications of PhD Students

WAQAS Muhammad	#WAQAS Muhammad, #PHAM Chanh Tin, KWOK Yuk Yan, #VU Tien Luyen, MA Victor, #PENG Boya, #CHAN Yuen San, #WEI Likun, #CHIN Siew Mei, #AL AZAD Muha Ajijur Rahman, HE Alex Bai-Liang, LEUNG Anskar Y. H., YANG M, SHYH-CHANG Ng, CHO William C., SHI Jiahai, LE Thi Nguyet Minh, "Efficient RNA drug delivery using red blood cell extracellular vesicles", <i>Nature Communications</i> , 9, 15 June 2018, doi: https://doi.org/10.1038/s41467-018-04791-8 .
WEI Likun	#WAQAS Muhammad, #PHAM Chanh Tin, KWOK Yuk Yan, #VU Tien Luyen, MA Victor, #PENG Boya, #CHAN Yuen San, #WEI Likun, #CHIN Siew Mei, #AL AZAD Muha Ajijur Rahman, HE Alex Bai-Liang, LEUNG Anskar Y. H., YANG M, SHYH-CHANG Ng, CHO William C., SHI Jiahai, LE Thi Nguyet Minh, "Efficient RNA drug delivery using red blood cell extracellular vesicles", <i>Nature Communications</i> , 9, 15 June 2018, doi: https://doi.org/10.1038/s41467-018-04791-8 .
XIE Yingpeng	SHAO Xiaolong, ZHANG Xiaoning, ZHANG Yingchao, ZHU Miao, YANG Pan, YUAN Jian, #XIE Yingpeng, ZHOU Tianhong, WANG Wei, CHENG Sheng, LIANG Haihua, DENG Xin, "RpoN-Dependent Direct Regulation of Quorum Sensing and the Type VI Secretion System in <i>Pseudomonas aeruginosa</i> PAO1", <i>Journal of Bacteriology</i> , 200(16), 14 May 2018, doi: https://doi.org/10.1128/JB.00205-18 .
XU Wei	KAUR Guneet, #CHEUNG Hung Chi, #XU Wei, WONG Jun Vic, CHAN For Fan, #LI Yingxue, MCREYNOLDS Larry, HUANG Linfeng, "Milligram scale production of potent recombinant small interfering RNAs in <i>Escherichia coli</i> ", <i>Biotechnology and Bioengineering</i> , 115(9), 05 June 2018, pp 2280-2291, doi: https://doi.org/10.1002/bit.26740 .
YU Ligang	#YU Ligang, WANG Qiong, YEUNG Ka-Wing, FONG Wing-Ping, LO Pui Chi, "A Biotinylated and Endoplasmic Reticulum-Targeted Glutathione-Responsive Zinc(II) Phthalocyanine for Targeted Photodynamic Therapy", <i>Chemistry - An Asian Journal</i> , 28 June 2018, doi: https://doi.org/10.1002/asia.201800852 .
YU Wai Kin	LI Yaping, #YU Wai Kin, CHEN Likun, #CHAN Yuen San, LIU Dandan, FONG Chi Chun, XU Tao, ZHU Guangyu, SUN Dong, YANG M, "Electrotaxis of tumor-initiating cells of H1975 lung adenocarcinoma cells is associated with both activation of stretch-activated cation channels (SACCs) and internal calcium release", <i>Bioelectrochemistry</i> , 124, 27 March 2018, pp 80-92, doi: https://doi.org/10.1016/j.bioelechem.2018.03.013 .
ZHANG Jianqiang	#HE Wenqing, #LIU Peng, #ZHANG Jianqiang, YAO Xi, "Emerging Applications of Bioinspired Slippery Surfaces in Biomedical Fields", <i>Chemistry - A European Journal</i> , 26 April 2018, doi: https://doi.org/10.1002/chem.201801368 . #HE Wenqing, #LIU Peng, #JIANG Jieke, #LIU Meijin, #LI Hualin, #ZHANG Jianqiang, LUO Yan, CHEUNG Hon Yeung, YAO Xi, "Development of multifunctional liquid-infused materials by printing assisted functionalization on porous nanocomposites", <i>Journal of Materials Chemistry A</i> , 6(9), 30 January 2018, pp 4199-4208, doi: https://doi.org/10.1039/C7TA10780C , https://doi.org/10.1039/c7ta10780c .
ZOU Heng	#ALAM Md Kowsar, #KOOMSON Emmanuel, #ZOU Heng, YI Changqing, LI Cheuk Wing, XU Tao, YANG M, "Recent advances in microfluidic technology for manipulation and analysis of biological cells (2007–2017)", <i>Analytica Chimica Acta</i> , 26 June 2018, doi: https://doi.org/10.1016/j.aca.2018.06.054 .
Conference papers	
ASTHANA Pallavi	KUMAR Gajendra, #ASTHANA Pallavi, CHANG Raymond Chuen-Chung, SO Kwok Fai, MA Chi Him Eddie, "Lycium Barbarum Polysaccharides improves functional recovery and muscle reinnervation after prolonged denervation", <i>Neuroscience 2017</i> , 11-15 November 2017, Walter E. Washington Convention Center, Washington D.C., US.
DELLISANTI Walter	#DELLISANTI Walter, WU Jiajun, CHAN Lai Leo, "Advances in coral in-situ metabolism of Hong Kong coral communities", <i>4th Asia Pacific Coral Reef Symposium (APCRS 2018)</i> , Marco Polo Plaza Hotel, Cebu City, Philippines, 04-08 June 2018.
LI Hualin	#ZHU Shuyan, #LI Hualin, YANG M, PANG Stella W., "Asymmetrical Three Dimensional Plasmonic Nanostructures with Multiple Resonance Modes", <i>62nd International Conference on Electron, Ion, and Photon Beam Technology and Nanofabrication (EIPBN 2018)</i> , Old San Juan, Puerto Rico, 29 May - 01 June 2018.

Section A: Publications of PhD Students

LI Kongyan	# LI Kongyan , CHAN Chloe Hong Kei , ROSSKOTHEN-KUHL Nicole , SCHNUPP Jan , "Sensitivity to Interaural Time Differences in Rats", <i>Gordon Research Conference on Neuroplasticity of Sensory Systems (2018)</i> , Regal Riverside Hotel, Hong Kong, China, 03-08 June 2018.
SINGH Kunal Kumar	# SINGH Kunal Kumar , KUMAR Gajendra , TAM Wing Yip , KWAN Kin-ming , MA Chi Him Eddie , "Gene ablation in cerebellar Purkinje cells reduces regenerative capacity of Peripheral neuron after injury", <i>Neuroscience 2017</i> , Walter E. Washington Convention Center, 11-15 November 2017, Washington D.C., US.
WANG Wei	# GAO Feng , # MEI Xiupei , # ZHU Lina , # ZHANG Yuchen , # WANG Wei , WANG Xin , "HTSanalyzeR2: an ultra fast R/Bioconductor package for high-throughput screens with interactive report", <i>Celebrating The 25th Conference on Intelligent Systems for Molecular Biology And The 16th European Conference on Computational Biology</i> , Prague, Czech Republic, Prague, Czech Republic, 21-25 July 2017.
ZHANG Yuchen	# GAO Feng , # MEI Xiupei , # ZHU Lina , # ZHANG Yuchen , # WANG Wei , WANG Xin , "HTSanalyzeR2: an ultra fast R/Bioconductor package for high-throughput screens with interactive report", <i>Celebrating The 25th Conference on Intelligent Systems for Molecular Biology And The 16th European Conference on Computational Biology</i> , Prague, Czech Republic, Prague, Czech Republic, 21-25 July 2017.
All other outputs	
ASTHANA Pallavi	# ASTHANA Pallavi , <i>Hsp27 Overexpression Enhances Functional Recovery after Prolonged Denervation and Peripheral Neuropathy</i> , PhD Thesis, Department of Biomedical Sciences, City University of Hong Kong, Hong Kong, PRC, 03 January 2018.
FENG Jingyu	# FENG Jingyu , <i>Cholecystokinin Dependent Long Term Potentiation in the Auditory Thalamocortical Pathway</i> , PhD Thesis, Department of Biomedical Sciences, City University of Hong Kong, Hong Kong, PRC, 30 May 2018.
HE Wenqing	# LU Gang , # WANG Zhaoyue , # LIU Peng , # HE Wenqing , Grand Prize in Life Science of the Competition, First Prize in Life Science of the Competition, Challenge Cup, National Competition Hong Kong Regional Final, The 4th Hong Kong University Student Innovation and Entrepreneurship Competition, Innovation and Technology Commission, Hong Kong New Generation Cultural Association, MINGXI CHARITY, Hong Kong Beijing Association, 26 May 2018.
JIANG Xinlei	# JIANG Xinlei , <i>Understanding the Small RNA-regulated Dissemination of Emerging CTX-M-14 Plasmid pHK01 in Hong Kong</i> , PhD Thesis, Department of Biomedical Sciences, Department of Biomedical Sciences, City University of Hong Kong, Hong Kong, PRC, 20 March 2018.
KONG Hoi Kuan Karen	# KONG Hoi Kuan Karen , <i>RNomic Study of Antibiotic-resistant Bacteria: "Escherichia coli" and "Laribacter hongkongensis"</i> , PhD Thesis, Department of Biomedical Sciences, City University of Hong Kong, Hong Kong, PRC, 09 March 2018.
LIANG Chen	# LIANG Chen , Best Poster Award, 'Microbeads Array-based Biosensors for Multiplexed Detection of Waterborne Pathogens', 1st China Forum on Biosensors, Biochips and Nanobiotechnology, Chinese Society of Biotechnology, China, 21 October 2017.
LIU Meijin	# LIU Meijin , <i>Fabrication of Healable Siloxane Oligomers and Their Applications as Functional Coatings</i> , PhD Thesis, Department of Biomedical Sciences, Department of Biomedical Sciences, City University of Hong Kong, Hong Kong, PRC, 2018.
LIU Peng	# LU Gang , # WANG Zhaoyue , # LIU Peng , # HE Wenqing , Grand Prize in Life Science of the Competition, First Prize in Life Science of the Competition, Challenge Cup, National Competition Hong Kong Regional Final, The 4th Hong Kong University Student Innovation and Entrepreneurship Competition, Innovation and Technology Commission, Hong Kong New Generation Cultural Association, MINGXI CHARITY, Hong Kong Beijing Association, 26 May 2018.
LU Gang	# LU Gang , # WANG Zhaoyue , # LIU Peng , # HE Wenqing , Grand Prize in Life Science of the Competition, First Prize in Life Science of the Competition, Challenge Cup, National Competition Hong Kong Regional Final, The 4th Hong Kong University Student Innovation and Entrepreneurship Competition, Innovation and Technology Commission, Hong Kong New Generation Cultural Association, MINGXI CHARITY, Hong Kong Beijing Association, 26 May 2018.

Section A: Publications of PhD Students

RAZA Chand	# RAZA Chand , <i>Therapeutic Potential of Traditional Chinese Medicine in Peripheral Nerve Regeneration</i> , PhD Thesis, Department of Biomedical Sciences, City University of Hong Kong, Hong Kong, PRC, 24 November 2017.
SU Junfeng	# SU Junfeng , <i>Regulation of Hippocampal Long-term Potentiation and Memory by Cholecystokinin Originated from Entorhinal Cortex</i> , PhD Thesis, Department of Biomedical Sciences, City University of Hong Kong, Hong Kong, PRC, 23 May 2018.
THAKUR Abhimanyu	# THAKUR Abhimanyu , Conference Grant (UGC) for Global Young Scientists Summit-2018, NTU, Singapore, Nanyang Technological University, Singapore, 21 January 2018.
	# THAKUR Abhimanyu , Conference Grant (UGC) for 109th Annual Meeting of American Association for Cancer Research, Chicago, IL, USA, 14 April 2018.
	# THAKUR Abhimanyu , ROY Aishwarya , GHOSH Arijit , CHHABRA Mohit , BANERJEE Sugato , (Book / Software Review) "Abiraterone acetate in the treatment of prostate cancer", <i>Biomedicine and Pharmacotherapy</i> , 101, 26 February 2018, pp 211-218, doi: https://doi.org/10.1016/j.biopha.2018.02.067 .
	GHOSH Arijit , GAO Lei , # THAKUR Abhimanyu , SIU Parco M. , LAI Christopher W. K. , (Book / Software Review) "Role of free fatty acids in endothelial dysfunction", <i>Journal of Biomedical Science</i> , 24, 27 July 2017, doi: https://doi.org/10.1186/s12929-017-0357-5 .
WANG Zhaoyue	# LU Gang , # WANG Zhaoyue , # LIU Peng , # HE Wengqing , Grand Prize in Life Science of the Competition, First Prize in Life Science of the Competition, Challenge Cup, National Competition Hong Kong Regional Final, The 4th Hong Kong University Student Innovation and Entrepreneurship Competition, Innovation and Technology Commission, Hong Kong New Generation Cultural Association, MINGXI CHARITY, Hong Kong Beijing Association, 26 May 2018.
WAQAS Muhammad	# WAQAS Muhammad , Poster Presentation Award, International Symposium for Graduate Students on Pharmaceutical Sciences 2018, Guangdong-Hong Kong-Macau Greater Bay Area Biomedical Sciences Forum, China, 16 June 2018.
YU Wai Kin	# YU Wai Kin , <i>Dynamic Interconversion and Functional Studies of Heterogeneous CD90 Subpopulations in A549 Lung Adenocarcinoma</i> , PhD Thesis, Department of Biomedical Sciences, City University of Hong Kong, Hong Kong, PRC, 06 June 2018.
JOCKEY CLUB COLLEGE OF VETERINARY MEDICINE AND LIFE SCIENCES	
Journal publications	
GAO Feng	KANDIMALLA Raju , # GAO Feng , MATSUYAMA Takatoshi , ISHIKAWA Toshiaki , UETAKE Hiroyuki , TAKAHASHI Naoki , YAMADA Yasuhide , BECERRA Carlos , KOPETZ Scott , WANG Xin , GOEL Ajay , "Genome-wide Discovery and Identification of a Novel miRNA Signature for Recurrence Prediction in Stage II and III Colorectal Cancer", <i>Clinical Cancer Research</i> , 24(16), 07 March 2018, pp 3867-3877, doi: https://doi.org/10.1158/1078-0432.CCR-17-3236 .
	# WANG Wei , KANDIMALLA Raju , # HUANG Hao , # ZHU Lina , # LI Ying , # GAO Feng , GOEL Ajay , WANG Xin , "Molecular subtyping of colorectal cancer: Recent progress, new challenges and emerging opportunities", <i>Seminars in Cancer Biology</i> , 18 May 2018, doi: https://doi.org/10.1016/j.semcancer.2018.05.002 .
	OZAWA Tsuyoshi , KANDIMALLA Raju , # GAO Feng , NOZAWA Hiroaki , HATA Keisuke , NAGATA Hiroshi , OKADA Satoshi , IZUMI Daisuke , BABA Hideo , FLESHMAN James , WANG Xin , WATANABE Toshiaki , GOEL Ajay , "A MicroRNA Signature Associated With Metastasis of T1 Colorectal Cancers to Lymph Nodes", <i>Gastroenterology</i> , 154(4), 02 December 2017, pp 844-848.e7, doi: https://doi.org/10.1053/j.gastro.2017.11.275 .
	SONOHARA Fuminori , # GAO Feng , IWATA Naoki , KANDA Mitsuro , KOIKE Masahiko , TAKAHASHI Naoki , YAMADA Yasuhide , KODERA Yasuhiro , WANG Xin , GOEL Ajay , "Genome-wide Discovery of a Novel Gene-expression Signature for the Identification of Lymph Node Metastasis in Esophageal Squamous Cell Carcinoma", <i>Annals of Surgery</i> , 12 December 2017, doi: https://doi.org/10.1097/SLA.0000000000002622 .
	BUNACIU Rodica P. , MACDONALD Robert J. , # GAO Feng , JOHNSON Lynn M. , VARNER Jeffrey D. , WANG Xin , NATARAJ Sarah , GUZMAN Monica L. , YEN Andrew , "Potential for subsets of wt-NPM1 primary AML blasts to respond to retinoic acid treatment", <i>Oncotarget</i> , 9(3), 23 December 2017, pp 4134-4149, doi: https://doi.org/10.18632/oncotarget.23642 .

Section A: Publications of PhD Students

HUANG Hao	#WANG Wei, KANDIMALLA Raju, #HUANG Hao, #ZHU Lina, #LI Ying, #GAO Feng, GOEL Ajay, WANG Xin, "Molecular subtyping of colorectal cancer: Recent progress, new challenges and emerging opportunities", <i>Seminars in Cancer Biology</i> , 18 May 2018, doi: https://doi.org/10.1016/j.semcancer.2018.05.002 .
JIANG Jieke	ZHOU Jinming, HAN Peng, #LIU Meijin, ZHOU Haiyan, ZHANG Yingxue, #JIANG Jieke, #LIU Peng, WEI Yu, SONG Yanlin, YAO Xi, "Self-Healable Organogel Nanocomposite with Angle-Independent Structural Colors", <i>Angewandte Chemie - International Edition</i> , 56(35), 24 July 2017, pp 10462-10466, doi: https://doi.org/10.1002/anie.201705462 . #HE Wenqing, #LIU Peng, #JIANG Jieke, #LIU Meijin, #LI Hualin, #ZHANG Jianqiang, LUO Yan, CHEUNG Hon Yeung, YAO Xi, "Development of multifunctional liquid-infused materials by printing assisted functionalization on porous nanocomposites", <i>Journal of Materials Chemistry A</i> , 6(9), 30 January 2018, pp 4199-4208, doi: https://doi.org/10.1039/C7TA10780C , https://doi.org/10.1039/c7ta10780c .
LI Yingxue	KAUR Guneet, #CHEUNG Hung Chi, #XU Wei, WONG Jun Vic, CHAN For Fan, #LI Yingxue, MCREYNOLDS Larry, HUANG Linfeng, "Milligram scale production of potent recombinant small interfering RNAs in Escherichia coli", <i>Biotechnology and Bioengineering</i> , 115(9), 05 June 2018, pp 2280-2291, doi: https://doi.org/10.1002/bit.26740 .
REN Yutian	#XU Zhen, #WANG Wei, #REN Yutian, #ZHANG Wenchong, #FANG Peilin, HUANG Linfeng, WANG Xin, SHI Peng, "Regeneration of cortical tissue from brain injury by implantation of defined molecular gradient of semaphorin 3A", <i>Biomaterials</i> , 157, 12 December 2017, pp 125-135, doi: https://doi.org/10.1016/j.biomaterials.2017.12.010 .
SONG Dan	#LI Cai, IP Kwok Wa, MAN Wai Lun, #SONG Dan, HE Mingliang, YIU Shek Man Ken, LAU T C, ZHU Guangyu, "Cytotoxic (salen)ruthenium(III) anticancer complexes exhibit different modes of cell death directed by axial ligands", <i>Chemical Science</i> , 8(10), 01 October 2017, pp 6865-6870, doi: https://doi.org/10.1039/C7SC02205K .
VU Tien Luyen	#WAQAS Muhammad, #PHAM Chanh Tin, KWOK Yuk Yan, #VU Tien Luyen, MA Victor, #PENG Boya, #CHAN Yuen San, #WEI Likun, #CHIN Siew Mei, #ALAZAD Muha Ajijur Rahman, HE Alex Bai-Liang, LEUNG Anskar Y. H., YANG M, SHYH-CHANG Ng, CHO William C., SHI Jiahai, LE Thi Nguyet Minh, "Efficient RNA drug delivery using red blood cell extracellular vesicles", <i>Nature Communications</i> , 9, 15 June 2018, doi: https://doi.org/10.1038/s41467-018-04791-8 .
ZHU Lina	#WANG Wei, KANDIMALLA Raju, #HUANG Hao, #ZHU Lina, #LI Ying, #GAO Feng, GOEL Ajay, WANG Xin, "Molecular subtyping of colorectal cancer: Recent progress, new challenges and emerging opportunities", <i>Seminars in Cancer Biology</i> , 18 May 2018, doi: https://doi.org/10.1016/j.semcancer.2018.05.002 .
Conference papers	
GAO Feng	#GAO Feng, #MEI Xiupai, #ZHU Lina, #ZHANG Yuchen, #WANG Wei, WANG Xin, "HTSanalyzeR2: an ultra fast R/Bioconductor package for high-throughput screens with interactive report", <i>Celebrating The 25th Conference on Intelligent Systems for Molecular Biology And The 16th European Conference on Computational Biology</i> , Prague, Czech Republic, Prague, Czech Republic, 21-25 July 2017.
ZHU Lina	#GAO Feng, #MEI Xiupai, #ZHU Lina, #ZHANG Yuchen, #WANG Wei, WANG Xin, "HTSanalyzeR2: an ultra fast R/Bioconductor package for high-throughput screens with interactive report", <i>Celebrating The 25th Conference on Intelligent Systems for Molecular Biology And The 16th European Conference on Computational Biology</i> , Prague, Czech Republic, Prague, Czech Republic, 21-25 July 2017.
All other outputs	
GAO Feng	#GAO Feng, Outstanding Report Award, International Symposium for Graduate Students on Pharmaceutical Sciences 2018, Sun Yat-Shen University, China, 16 June 2018.
MAI Shuyi	#MAI Shuyi, Poster Presentation Award on the International Symposium for Graduate Students on Pharmaceutical Sciences 2018, School of Pharm Aceutical Sciences, Sun Yat-Sen University, 16 June 2018.
VU Tien Luyen	#VU Tien Luyen, Poster Presentation Award, International Symposium for Graduate Students on Pharmaceutical Sciences 2018 Cum 1st Guangdong-Hong Kong-Macau Greater Bay Area Biomedical Sciences Forum, Guangdong-Hong Kong-Macau Greater Bay Area Biomedical Sciences Forum, 16 June 2018.

Section B: Publications of MPhil Students

College of Liberal Arts and Social Sciences	
DEPARTMENT OF PUBLIC POLICY	
All other outputs	
YEUNG Ting Fai	# YEUNG Ting Fai , <i>Can Civil Disobedience be Morally Justified? Comparative Cases Study of "Occupy Central with Love and Peace Movement" and the Umbrella Movement</i> , MPhil Thesis, Department of Public Policy, Department of Public Policy, City University of Hong Kong, Hong Kong, PRC, 26 June 2018.
DEPARTMENT OF SOCIAL AND BEHAVIOURAL SCIENCES	
Journal publications	
MA Zewei	YE Shengquan , NG Ting Kin , LU Erin Yiqing , # MA Zewei , "Chinese Proverb Scale: Development and validation of an indigenous measure of Chinese traditional values", <i>Asian Journal of Social Psychology</i> , 21(3), 30 April 2018, pp 156-177, doi: https://doi.org/10.1111/ajsp.12217 .
College of Science and Engineering	
DEPARTMENT OF ELECTRONIC ENGINEERING	
Journal publications	
CHENG Chun Sing	# CHOW Po Wa , CHUNG Shu Hung Henry , # CHENG Chun Sing , WANG Wenguan , "Use of Transmitter-Side Electrical Information to Estimate System Parameters of Wireless Inductive Links", <i>IEEE Transactions on Power Electronics</i> , 32(9), September 2017, pp 7169-7186, doi: https://doi.org/10.1109/TPEL.2016.2623681 .
LI Doujie	# LI Doujie , # FAN Zhongyan , TANG Kit Sang Wallace , "Domain learning naming game for color categorization", <i>PLoS ONE</i> , 12(11), 14 November 2017, doi: https://doi.org/10.1371/journal.pone.0188164 .
Conference papers	
LI Doujie	# FAN Zhongyan , TANG Kit Sang Wallace , LIN Dong , # LI Doujie , "A comparative study of IXP in Europe and US from a complex network perspective", <i>Recent Advances in Information and Communication Technology 2017</i> , Bangkok, Thailand, 06-07 July 2017, pp 242-252, (ISBN: 978-3-319-60662-0,978-3-319-60663-7).
TSE Hiu Kwan	# TSE Hiu Kwan , CHUNG Shu Hung Henry , "Maximum Power Point Tracker for Electromagnetic Energy Harvesting System", <i>2017 IEEE Energy Conversion Congress and Exposition (ECCE)</i> , Cincinnati, 01-05 October 2017, pp 5515-5522, (ISBN: 978-1-5090-2998-3).
All other outputs	
LI Doujie	# LI Doujie , <i>Learning Color Categorization in Agents</i> , MPhil Thesis, Department of Electronic Engineering, City University of Hong Kong, Hong Kong, PRC, 02 May 2018.
DEPARTMENT OF SYSTEMS ENGINEERING AND ENGINEERING MANAGEMENT	
All other outputs	
TSE Yiu Lun	# TSE Yiu Lun , <i>The Design of Instantaneous Angular Speed Method for Diagnosing Faults in Car Engines and an Effective Degradation Index for Predicting the Remaining Useful Life of Slurry Pumps</i> , MPhil Thesis, Department of Systems Engineering and Engineering Management, City University of Hong Kong, Hong Kong, PRC, 04 September 2017.
SCHOOL OF CREATIVE MEDIA	
All other outputs	
CHEUNG Ka Wa	# CHEUNG Ka Wa , <i>The Eye: Spectatorship and Interaction in Art and Visual Culture</i> , MPhil Thesis, School of Creative Media, City University of Hong Kong, Hong Kong, PRC, 04 August 2017.

SCHOOL OF ENERGY AND ENVIRONMENT	
Journal publications	
CHEUNG Ho Lam	<u>LEUNG HO-yin and Marcus, #TONG Xinzhao, WILKINS David Francis, #CHEUNG Ho Lam, LEE Patrick Kwan Hon</u> , "Individual and household attributes influence the dynamics of the personal skin microbiota and its association network", <i>Microbiome</i> , 6(1), 08 February 2018, doi: https://doi.org/10.1186/s40168-018-0412-9 .
SCHOOL OF LAW	
All other outputs	
SNG Ban Chuan Gordon	<u>#SNG Ban Chuan Gordon</u> , <i>Urban Rehabilitation & Redevelopment in Hong Kong: Facilitating Private Owners' Participation through the Introduction of Statutory and Non-statutory Measures</i> , MPhil Thesis, School of Law, City University of Hong Kong, Hong Kong, PRC, 29 September 2017.
Jockey Club College of Veterinary Medicine and Life Sciences	
DEPARTMENT OF BIOMEDICAL SCIENCES	
Journal publications	
WAN Yi Ching Esther	<u>#WAN Yi Ching Esther, #LIU Jiaxian, CHAN Kui Ming</u> , "Histone H3 Mutations in Cancer", <i>Current Pharmacology Reports</i> , 4(4), 26 April 2018, pp 292-300, doi: https://doi.org/10.1007/s40495-018-0141-6 .

Section C: Publications of Professional Doctorate Students

COLLEGE OF BUSINESS	
DOCTOR OF BUSINESS ADMINISTRATION	
Scholarly books, monographs and chapters	
CHEUNG, Haywood	CHEUNG H W, "Gold and International Finance: the Gold Market under the Internationalization of RMB in Hong Kong", Book Series in Routledge Advances in Risk Management, Routledge, UK, December 2016
All other outputs	
CHAU Ching Hong	CHAU, C H, <i>Venture Capital Firms' Investment Management Strategy in China: A Resource Availability Perspective</i> , DBA Thesis, College of Business, City University of Hong Kong, Hong Kong, PRC, August 2016
CHOW Yuk Man	CHOW, Y M, <i>The Implication of External and Internal Factors on Bank Risk Taking - A Study of Hong Kong</i> , DBA Thesis, College of Business, City University of Hong Kong, Hong Kong, PRC, June 2017
CHUNG Pei Chin	CHUNG, P C, <i>Analysis of Research-Based Spin-Off Formation in Greater China</i> , DBA Thesis, College of Business, City University of Hong Kong, Hong Kong, PRC, July 2016
LAM Wai Ling Gladys	LAM, W L G, <i>Photographs or Illustrations? Visual Concreteness and Psychological Distance Effects in Print Advertising</i> , DBA Thesis, College of Business, City University of Hong Kong, Hong Kong, PRC, August 2016
LEE Chi Hong	LEE, C H, <i>Motives and Factors Affecting the Firm Internationalization: Evidence from Hong Kong Engineering Companies</i> , DBA Thesis, College of Business, City University of Hong Kong, Hong Kong, PRC, August 2016
LO Tai Wing	LO, T W, <i>Identifying Regime Shifts in the Hong Kong Stock Market: Implementing a Regime-Based Strategy to Improve Hong Kong Equity Portfolio Returns</i> , DBA Thesis, College of Business, City University of Hong Kong, Hong Kong, PRC, August 2016
SIU Hing Kwan	SIU, H K, <i>The Relationship between Youth Entrepreneurship and the SME Success</i> , DBA Thesis, College of Business, City University of Hong Kong, Hong Kong, PRC, September 2016
WIRAKUSUMAH Ridha Djuanda Muliawibawa	WIRAKUSUMAH, R D M, <i>Bank Management from Leadership and Management Perspective - Examining the Linkage between Financial Performance of Private Equity Owned Banks in Indonesia and Their Operational Executions</i> , DBA Thesis, College of Business, City University of Hong Kong, Hong Kong, PRC, January 2017
YEUNG Wai Chung Frankie	YEUNG, W C F, <i>Analysis of Insurance Customers Attraction and Development in Hong Kong</i> , DBA Thesis, College of Business, City University of Hong Kong, Hong Kong, PRC, July 2016
SCHOOL OF LAW	
DOCTOR OF JURIDICAL SCIENCE	
Scholarly books, monographs and chapters	
ZHAO Guilong	FENG Aibing and ZHAO Guilong, "The Application of Confucianism in Dispute Resolution", Law Press (China), May 2017.
Journal publications	
LIN Wei	LIN Wei, "On the Development of Youth Movement in Macao since 2010 and the Countermeasures", <i>Journal of Wuyi University (Social Science Edition)</i> , ISSN 1009-1513, Vol. 19, No. 1, January 2017, pp 79-82.
	LIN Wei, "On the Change of Hong Kong's Youth Movement and the Countermeasures", <i>Journal of Jiangnan University (Social Science Edition)</i> , ISSN 2095-9915, Vol.34, No.3, June 2017, pp 12-17.

Section C: Publications of Professional Doctorate Students

ZHANG Zijian	Zijian ZHANG, "Transplantation of an Extended Collective Licensing System – Lessons from Denmark," <i>International Review of Intellectual Property and Competition Law</i> , Vol 47, No. 6, September 2016, pp. 640-672.
ZHAO Guilong	ZHAO Guilong, "Confucian Culture and Chinese-style Judicial Governance", <i>People's Judicature</i> , ISSN 1002-4603, Issue 13, May 2017, pp 98–104.
All other outputs	
CHEN Xiaofeng	CHEN, Xiaofeng, <i>See the Mass Within: Case Analysis, Solutions and Way Ahead of Mass Incident in Mainland China</i> , JSD Thesis, School of Law, City University of Hong Kong, Hong Kong, PRC, July 2016.
CHUNG Wai Man	CHUNG, Wai Man, <i>The Integration of the Principle of Proportionality on the Protection of Human Rights in the United Kingdom and Hong Kong: A Comparative Perspective</i> , JSD Thesis, School of Law, City University of Hong Kong, Hong Kong, PRC, September 2016
LIU Cheng	LIU, Cheng, <i>Care for the Elderly in China: Establishing the Rights of the Elderly and the Obligations of the Caregivers</i> , JSD Thesis, School of Law, City University of Hong Kong, Hong Kong, PRC, July 2016
LIU Zonggen	LIU, Zonggen, <i>Why Chinese Drug Crime is Becoming More and More? -- Based on the Research of Drug Crimes Judicial Experience of Y Province</i> , JSD Thesis, School of Law, City University of Hong Kong, Hong Kong, PRC, March 2017
LU Zuxin	LU, Zuxin, <i>Research on the Issues of Judicial Power in the Shareholder Derivative Litigation</i> , JSD Thesis, School of Law, City University of Hong Kong, Hong Kong, PRC, September 2016
MIAO Demin	MIAO, Demin, <i>On the Compliance Mechanism of the WTO Dispute Settlement Decision: Its Function, Issues and Restoration</i> , JSD Thesis, School of Law, City University of Hong Kong, Hong Kong, PRC, September 2016
MU Jianrong	MU, Jianrong, <i>International Investment Dispute Resolution - From the Perspective of the Balance of Parties' Interests</i> , JSD Thesis, School of Law, City University of Hong Kong, Hong Kong, PRC, September 2016
SUN Ji	SUN, Ji, <i>Legal Regulatory Framework of Foreign Companies Listing in China under Economic Globalization</i> , JSD Thesis, School of Law, City University of Hong Kong, Hong Kong, PRC, June 2017
TIAN Shaohong	TIAN, Shaohong, <i>State Legal Governance of Rural Society through Basic Level Courts -- An Observation on the Judicial Coordination Practices by Y Basic Level Court of Y District B City</i> , JSD Thesis, School of Law, City University of Hong Kong, Hong Kong, PRC, February 2017
WANG Wei	WANG, Wei, <i>The Empirical Study of Scope of Civil Suit Collateral to Criminal Proceedings - A Case Study of the Courts in H City S Province</i> , JSD Thesis, School of Law, City University of Hong Kong, Hong Kong, PRC, September 2016
ZHANG Guofeng	ZHANG, Guofeng, <i>Legal Governance of Administrative Monopoly in China - From the Perspective of Separation between Reasonableness and Legality of Administrative Monopoly</i> , JSD Thesis, School of Law, City University of Hong Kong, Hong Kong, PRC, December 2016
DEPARTMENT OF SYSTEMS ENGINEERING AND ENGINEERING MANAGEMENT	
ENGINEERING DOCTORATE (ENGINEERING MANAGEMENT)	
Journal publications	
CHEUNG Che Keung	CHEUNG, C, GENG, S, CHUAH, K, CHAU, Y and KWONG, K, "Organizational learning in shop floor level", <i>The Learning Organization</i> , 23 (5), September 2016, pp 274-298.
	GENG, S, CHUAH, K B and CHEUNG, C K, "Learning and Knowledge Sharing in a Manufacturing Company", <i>Knowledge Management: An International Journal</i> , 16 (4), December 2016, pp 13-32.

Section C: Publications of Professional Doctorate Students

Conference papers	
LAI Kim Hung	LAI, L K, "Implementation of Quality Startup Management System in Hong Kong", <i>Proceedings of the fourteenth ANQ Congress in Vladivostok, Russia, A1 (HK-01)</i> , 21-22 September 2016.
	LAI, L K, "Organization Innovation employing TRIZ under Quality Innovation Management System Framework", <i>Proceedings of the MATRIZ TRIZfest 2016 International Conference, Beijing, China</i> , pp 210-219, 28-30 July 2016.
HO Siu Cheung	HO, S C and CHUAH, K B, "Determinants of ITF R&D Technology Commercialization in Logistics and Supply Chain Industries", <i>International Research Conference on Systems Engineering and Management Science 2017 (IRC-SEMS 2017)</i> , Xian, China, 21-22 April 2017.