



**Alumni Achievement**



Department of Advanced Design and Systems Engineering

Dr Sunny CHAI has been bestowed the Distinguished Alumni Award for his exemplary personal achievements and outstanding contributions to CityU and society. Dr Chai is the Chairman of the Federation of Hong Kong Industries and Hong Kong Science and Technology Parks Corporation. He was also awarded the Bronze Bauhinia Star and appointed the Justice of Peace by the HKSAR Government in 2018 and 2021 respectively.

**Faculty Achievement**



College of Engineering

18 faculty members of the College were named Highly Cited Researchers 2022 by Clarivate Analytics.

	Category
Prof CHEN Guanrong	Engineering
Prof Paul CHU	Cross-Field
Prof Gary FENG	Engineering
Prof HE Jr-Hau	Materials Science
Dr HE Qiyuan	Cross-Field
Prof Alex JEN	Materials Science
Prof Sam KWONG	Cross-Field
Prof LEE Duu-Jong	Biology & Biochemistry
Prof Andrew ROGACH	Materials Science
Prof WANG Jun	Engineering
Prof Angus YIP	Materials Science
Prof ZENG Xiaocheng	Cross-Field
Dr ZENG Zhiyuan	Cross-Field
Prof ZHANG Hua	Materials Science; Environment & Ecology; Chemistry
Prof ZHANG Qichun	Materials Science
Prof ZHANG Qingfu	Computer Science
Prof ZHI Chunyi	Materials Science
Dr ZHU Zonglong	Cross-Field

Highly-cited researchers are selected for their exceptional research performance, determined by the production of multiple highly-cited papers that rank in the top 1% by citations for field and year in the Web of Science.

**Faculty Achievement**



Departments of Electrical Engineering, Mechanical Engineering & Materials Science and Engineering

The following faculty members of the College received CityU President's Awards 2022:

	Department(s)
Prof Alex JEN	Materials Science & Engineering/ Chemistry/ Mechanical Engineering/ School of Energy & Environment
Prof TSAI Din-ping	Electrical Engineering
Dr WONG Hang	Electrical Engineering
Dr ZHU Zonglong	Chemistry/ Materials Science and Engineering

The President's Awards recognise high-achieving faculty who have made exemplary contributions to CityU's research and professional education.

**Faculty Achievement**



Department of Biomedical Engineering

Prof HU Jinlian was named Fellow of the National Academy of Inventors (NAI) in recognition of her tangible impact on economic development and the welfare of society. NAI is the highest professional distinction accorded to academic inventors.

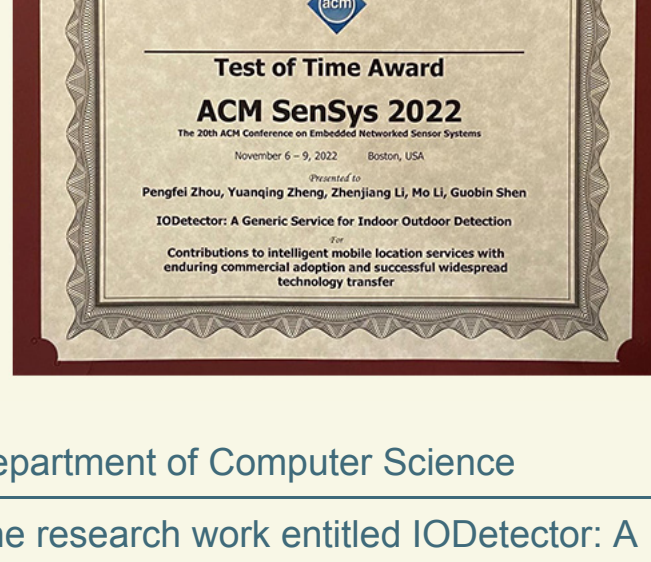
**Faculty Achievement**



Department of Materials Science and Engineering

A research team led by Prof Alex JEN published a paper titled Suppressed recombination loss in organic photovoltaics adopting a planar-mixed heterojunction architecture in *Nature Energy*.

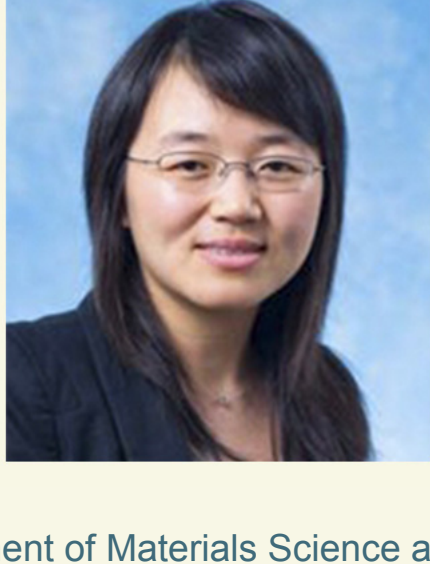
**Faculty Achievement**



Department of Computer Science

The research work entitled IODetector: A Generic Service for Indoor Outdoor Detection by Dr LI Zhenjiang and his collaborators received the Test of Time Award at the 20th ACM Conference on Embedded Networked Sensor Systems (ACM SenSys 2022) in recognition of their contributions to intelligent mobile location services with enduring commercial adoption and successful technology transfer. Their work was published 10 years ago at ACM SenSys 2012.

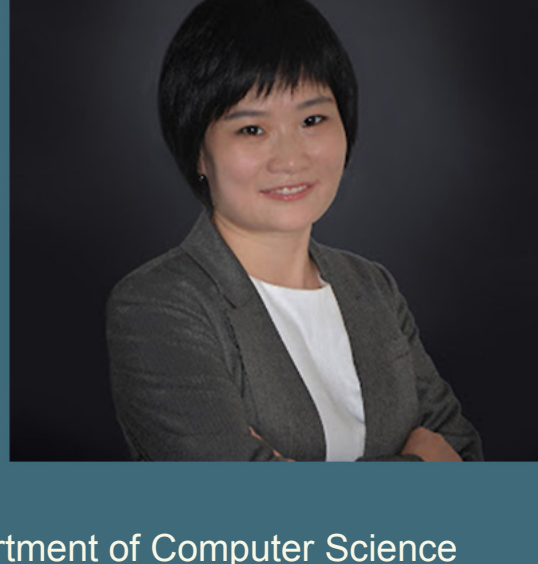
**Faculty Achievement**



Department of Materials Science and Engineering

A research team led by Dr LI Yangyang published a paper titled A crystal glass- nanostructured AI-based electrocatalyst for hydrogen evolution reaction in *Science Advances*.

**Faculty Achievement**



Department of Computer Science

Prof WANG Jianping was named Fellow of the Institute of Electrical and Electronics Engineers (IEEE) in the class of 2023 for her contributions to the resiliency of complex systems. The IEEE Fellow is conferred upon a person with an extraordinary record of accomplishments in any of the IEEE fields of interest.

**Faculty Achievement**



Department of Materials Science and Engineering

Dr ZENG Zhiyuan and his team published a paper titled Fabrication of liquid cell for in situ transmission electron microscopy of electrochemical processes in *Nature Protocols*.

**Student Achievement**



Department of Mechanical Engineering

Mr Sadman Iqbal KHAN, a 2022 graduate of BE in Mechanical Engineering, was selected to receive the College Medal 2022 in recognition of his outstanding academic performance and well-rounded personal qualities.

**Student Achievement**



Department of Materials Science and Engineering

A student team comprising Mr KONG Chun Hei, Mr CHOI Wai Lim, Mr ZHANG Yuxuan, and Ms FAN Jingyi, under the supervision of Dr Johnathan CHUNG, won the 2nd Runner-up in the Low Carbon Concrete Trophy Competition 2022, organised by the Hong Kong Institution of Engineers. Participants in the competition were required to create concrete with ground-regulated blast-furnace slag (GGBS) by adding low doses of chemicals while maintaining the performance of concrete to reduce carbon emissions.

**Student Achievement**



Departments of Computer Science and Mechanical Engineering

Mr LIU Fayu, Mr LI Mingyu, Mr LI Yuchao, and Mr ZENG Yijun under the supervision of Prof WANG Zuankai and Dr JIANG Mengnan won the First Prize of Mathematics & Physics/Mechanics & Control Systems, and the Grand Prize of Innovation in the 8th Hong Kong University Student Innovation & Entrepreneurship Competition cum National University Student Innovation & Entrepreneurship Competitions (HKSAR) Awards. Another team from the Department of Computer Science, comprising Miss WANG Xueying, Miss HUO Miaoze, Miss LIU Wei and Miss LIU Jiahe, supervised by Dr LI Shuaicheng, received the third prize of Entrepreneurship Proposal in the same competition.

**Student Achievement**



Department of Electrical Engineering

A student team comprising Mr WONG Ming Chi, Miss CHIU Sum Yin, and Mr WONG Ho Yin won both the Champion and the Favourite Team Award in the SMART@GWIN E&M IoT Application Challenge 2022 (Tertiary Category). The winning project supervised by Dr Ray CHEUNG was titled "Alertech (急中新智系統)".

