IEEE Xplore

What is IEEE Xplore?

IEEE Xplore is a web-based database that provides full-text access to:
- IEEE journals, transactions, letters, and magazines from 1988 with select content back to 1913
- IEEE conference proceedings from 1988 with select content back to 1953
- IEEE standards from 1948
- IET journals, letters, and magazines from 1988
- IET conference proceedings from 1988

IET (Institute of Engineering and Technology) is the new name of IEE. Titles of IEE publications will slowly migrate to the new IET name over time, magazines first, then journals.

Access

1. At the Library Home Page (http://www.cityu.edu.hk/lib/), select **E-Resources**.
2. Select **Databases**: **Title List**.
3. Select **IEEE Xplore** from the alphabetical list of databases.

Search

Basic Search

1. Enter a word or phrase, or a combination of them using operators “And”, “Or”, or “Not”.
2. Click to start search.

Advanced Search

Click on the Advanced Search link under Basic Search, and select a search option in the Advanced Search page:
- Option 1: Offers multiple text boxes, searchable fields, and various search options allowing you to create a well-focused search.
- Option 2: Allows you to perform a more detailed search by using special syntax.

Option 1:

1. Enter a word or phrase.
2. Select a field.
3. Select search operator to combine search terms entered in multiple boxes.
4. Limit your search, if desired.
5. Modify search results format, if desired. (The maximum results to be retrieved can be set to 500, and the maximum no. of results displayed per page is 100).

Option 2:

Click these links to learn more on how to construct a search statement.
Search Tips

- All words in a row are searched as phrases in that order.

- Search Operators

<table>
<thead>
<tr>
<th>Operator</th>
<th>Example</th>
<th>Find results that …</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;and&gt;</td>
<td>computer &lt;and&gt; internet</td>
<td>contain both the words “computer” and “Internet”</td>
</tr>
<tr>
<td>&lt;or&gt;</td>
<td>television &lt;or&gt; TV</td>
<td>contain either the word “television” or “TV”</td>
</tr>
<tr>
<td>&lt;not&gt;</td>
<td>television &lt;not&gt; satellite</td>
<td>contain the word “television” but not the word “satellite”</td>
</tr>
<tr>
<td>&lt;paragraph&gt;</td>
<td>wireless &lt;paragraph&gt; interference</td>
<td>contain the word “wireless” and “interference” appearing in the same paragraph</td>
</tr>
<tr>
<td>&lt;sentence&gt;</td>
<td>wireless &lt;sentence&gt; interference</td>
<td>contain the word “wireless” and “interference” appearing in the same sentence</td>
</tr>
<tr>
<td>&lt;phrase&gt;</td>
<td>wireless &lt;phrase&gt; interference</td>
<td>contain the phrase “wireless interference”</td>
</tr>
<tr>
<td>&lt;near&gt;</td>
<td>wireless &lt;near/6&gt; interference</td>
<td>contain both “wireless” and “interference” and they must appear within 6 words of each other</td>
</tr>
</tbody>
</table>

- Words entered in the text boxes are automatically stemmed, e.g., typing in network will retrieve network, networked, networking, etc. To search for an exact match, enclose the word in quotation marks, e.g., typing in “network” to find the word network only.

- Wildcard Characters

<table>
<thead>
<tr>
<th>Wildcard</th>
<th>Represent …</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>?</td>
<td>Any one alphanumeric character.</td>
<td>Gar?ner to retrieve Gardner or Gartner</td>
</tr>
<tr>
<td>*</td>
<td>Zero or more alphanumeric characters.</td>
<td>optic* to retrieve optic, optics, or optical</td>
</tr>
</tbody>
</table>

- Use parentheses to specify the order of operations, e.g., enter (LAN <or> local area network) <and> broadband to search for documents containing LAN or local area network, and broadband.

Display Search Results

Results List:

- The number of records retrieved.
- Click to send the list of results, with links to full text, to an email address.
- Click to display the results list in a printer friendly format. You can then use the browser’s Print function to print out the list.
- You may search within this search results set by:
  1. entering additional search term in the box
  2. clicking in the “Check to search only within this results set” box
  3. clicking

- Click on the tabs to view search results under a specific resource type.
- Click to view the citation with the abstract of the article, together with many useful functions (see AbstractPlus view on p. 3).
- Click to view the list of references in this article.
- Click to view the image of the document. HTML text format may also be available for some documents.

Select individual items and display selected items for printing, emailing, or downloading.