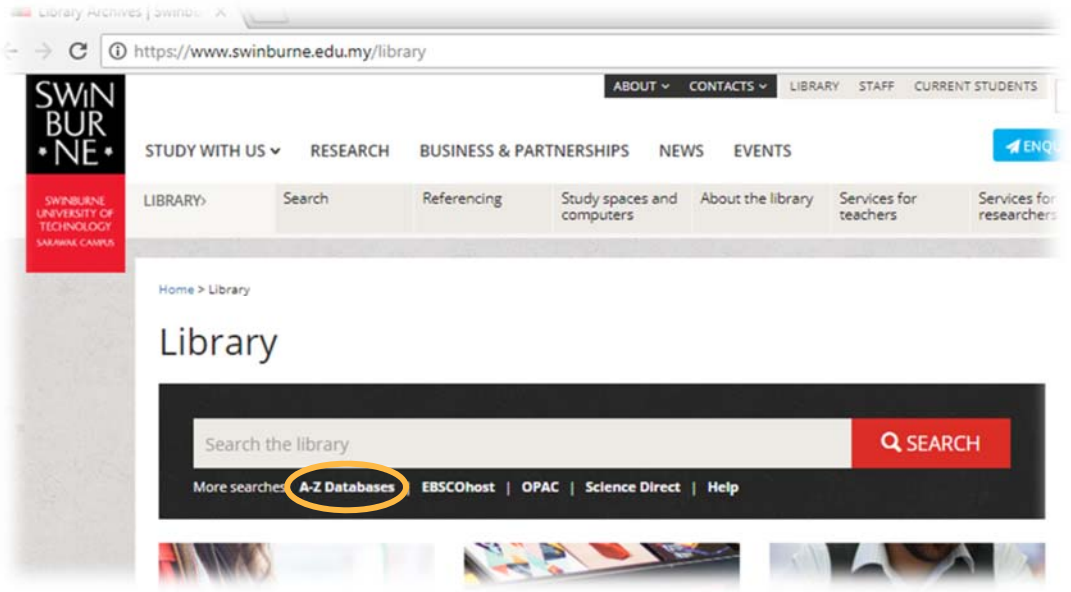
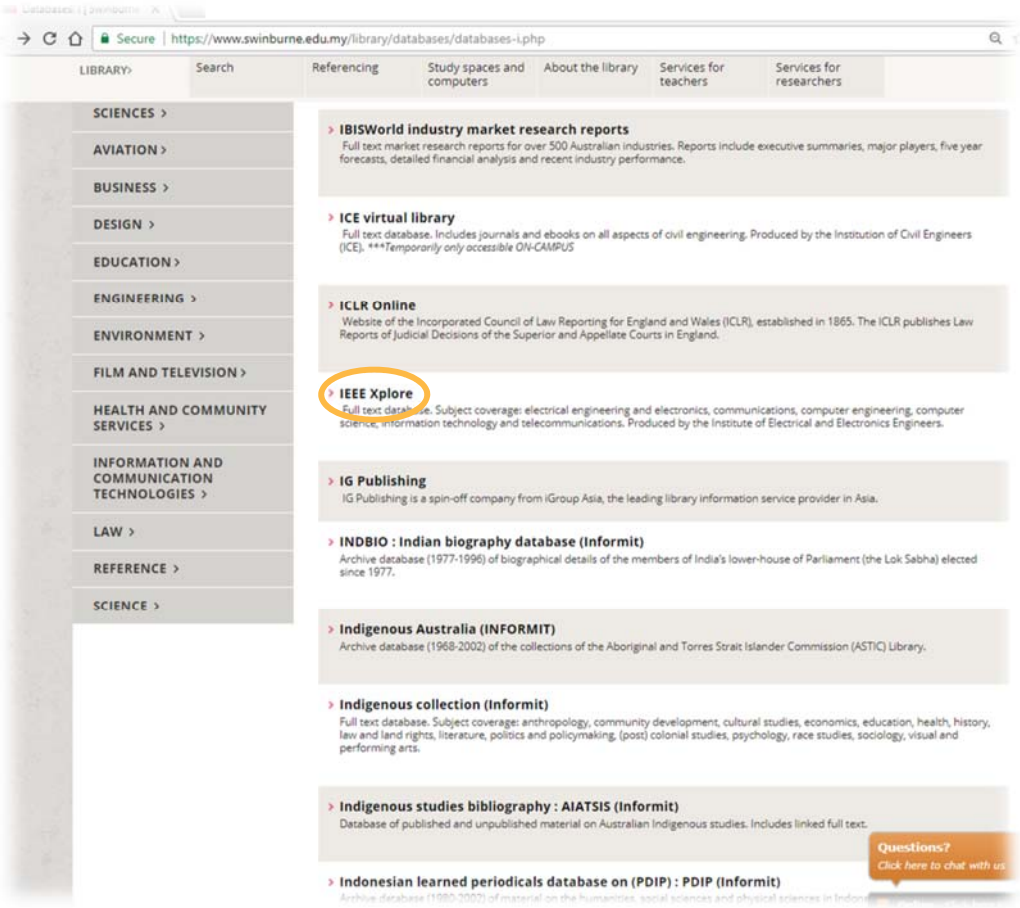
Quick Guide - How to Use IEEE Xplore

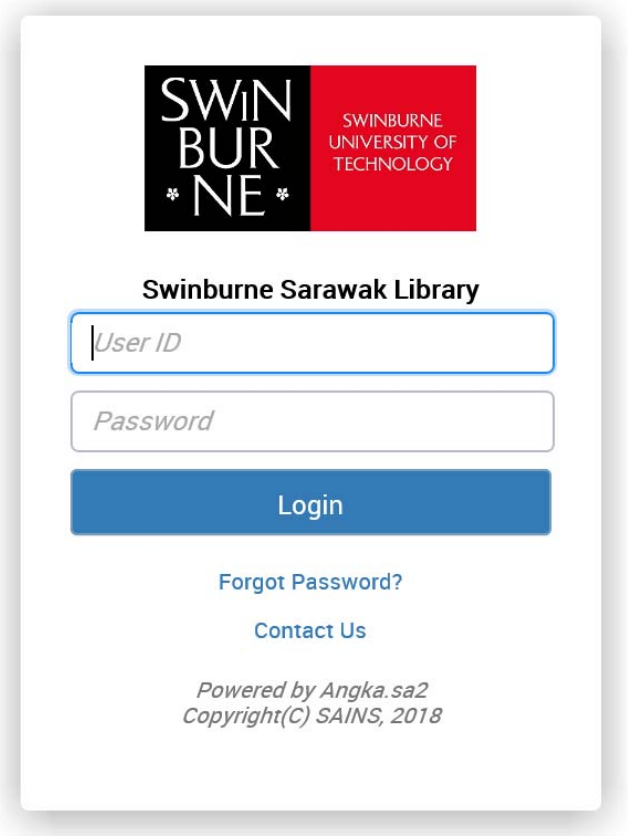
1. Go to library's home page at https://www.swinburne.edu.my/library

2. Click A–Z Databases quick link or Click Search > Click Databases > Click alphabet 'I' > Scroll down the alphabetical list and click on IEEE Xplore.



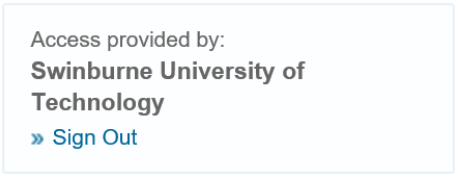


Enter your library (Angka.sa2) User ID and password.

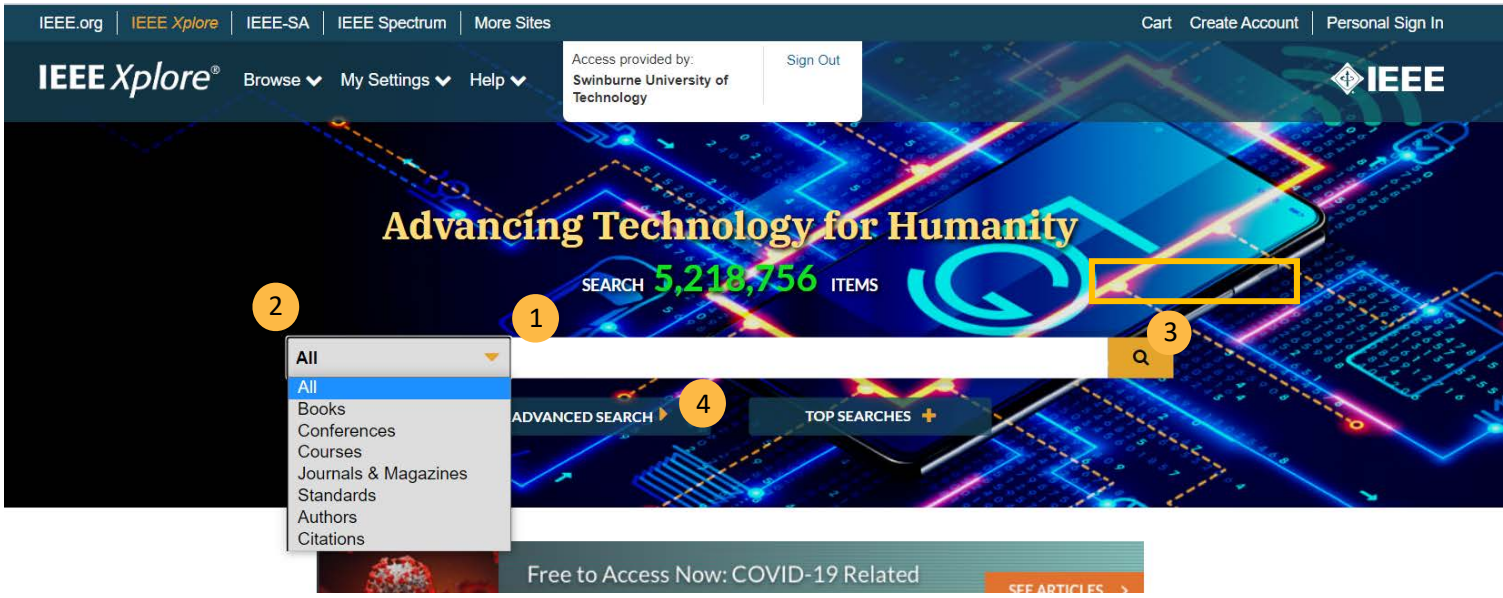


3. Once logged in to the IEEE Xplore, you can start searching using your keywords or browse by topic.

4. When you are logged in, you will see this message in the middle of the screen.



Basic/Quick Search



When you first log into IEEE Xplore

1. You will see the Basic Search box at the top of the screen and nearly every page in IEEE Explore. Enter your search term(s) in the search box and click the **Search** button. This is useful for simple searches or finding a known article.

2. Click the **All** drop-down menu on left hand side of the basic search box for other options.

Search Tips:

Boolean operators (**AND** , **OR** & **NOT** operators) are used to connect your search words together to either narrow or broaden your set of results.

- Use AND search operator between two keywords or phrases to search for articles containing both terms.
  (e.g.: sliding mode control AND motion control)

- Use OR search operator between keywords to search for articles containing either term
  (e.g.: robot OR golem)

- Use Boolean operators exclude other terms in our search
  (e.g.: sliding mode control NOT motor)

- Use of quotation marks signs around any search phrase or exact combination of keywords.
  (e.g.: “Sliding mode control” AND “motion control” AND robot OR golem)

Use of other operator in IEEE Xplore:

A Proximity operator use in IEEE databases is a character or word (**NEAR** and **ONEAR**) that allows you to specify searches where one word is near, next to or in the vicinity of another word. This is used to narrow search engine results by limiting them to those that have query keywords placed within a specific number of words in the content.

Please note that this operator cannot be used in the default advanced search.

Use NEAR to find articles where the terms joined by NEAR are within 15 words of each other.

- (e.g.: "hybrid electric vehicle" NEAR/15 "plug-in")
- Documents with the word "hybrid electric vehicle" within 15 words of the word "plug-in"

Boolean operators can be combined with proximity searches, for example:

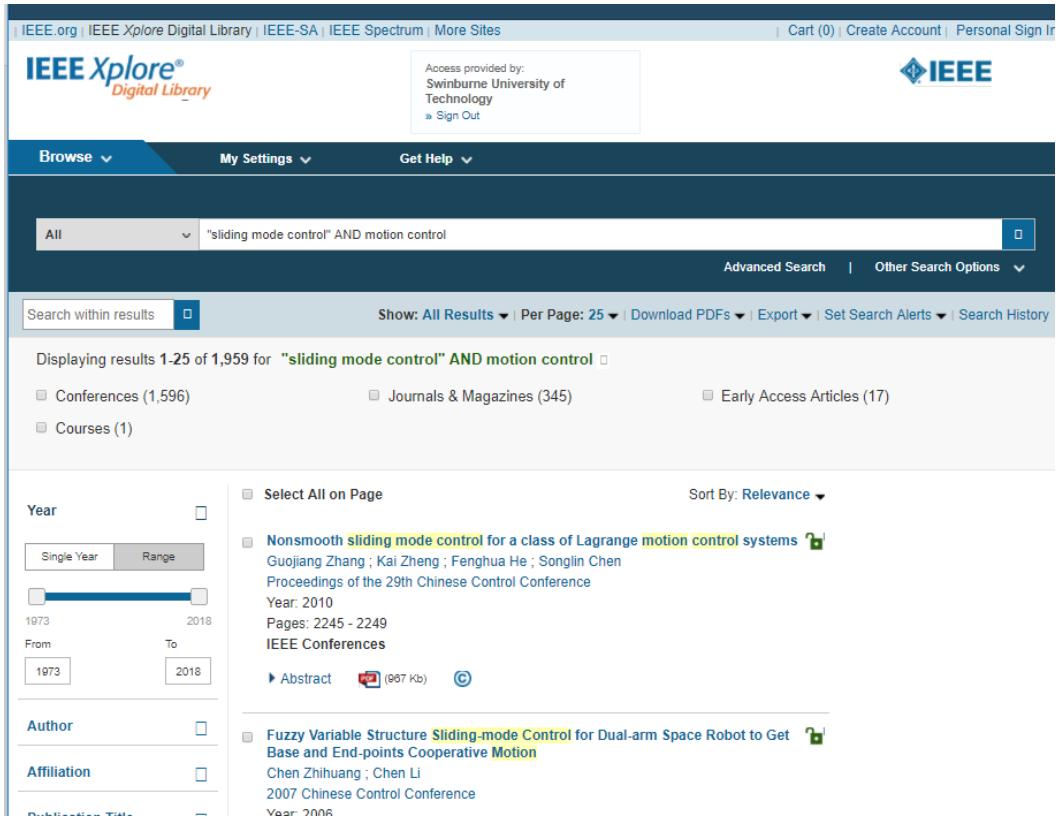
(A OR B) NEAR/# (C OR D) or

(Java OR XML) NEAR/3 (Code OR UI)

- Use NEAR/# to find articles where the terms joined by NEAR are within 15 words of each other (# represents the number of words before and after the actual terms).
  (e.g.: implantable NEAR/3 cardiac)

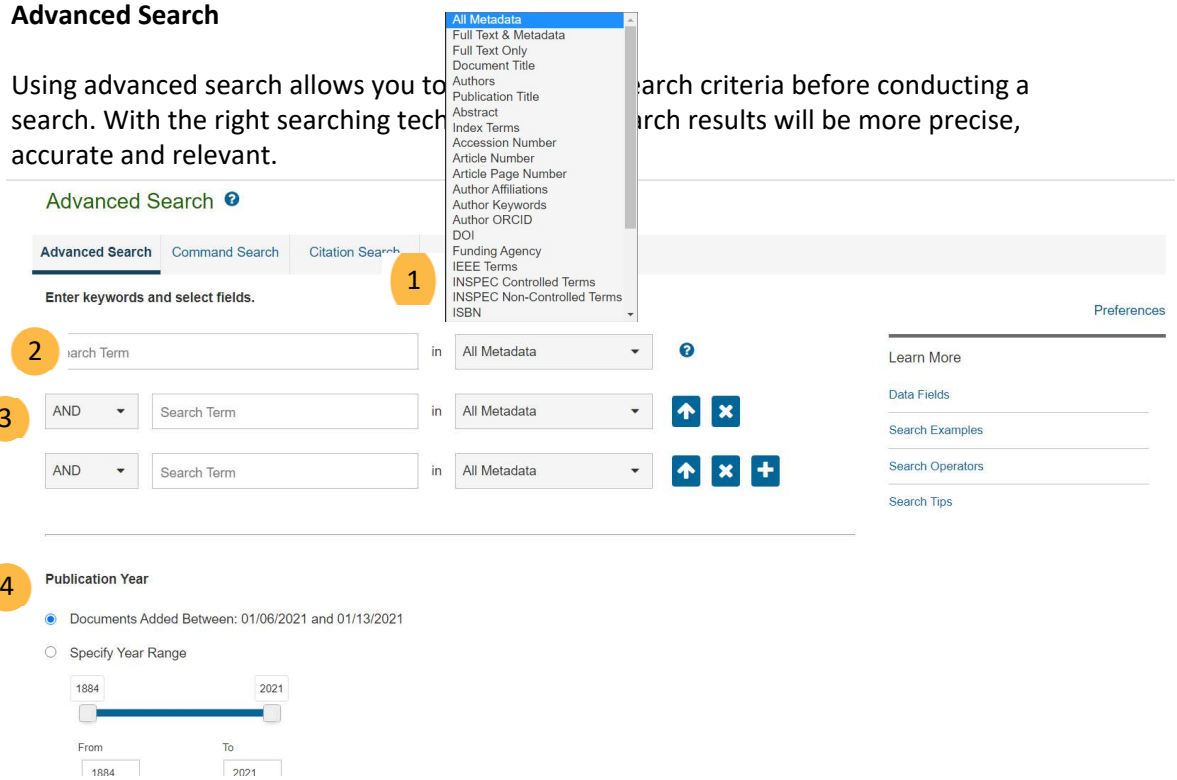
  And use ONEAR/# to find articles with the word implantable within three words of cardiac; but implantable must appear **before** cardiac. (# represents the number of words before and after the actual terms).
  (e.g.: implantable ONEAR/3 cardiac)

3 Click the **Search** button. The Search Result list displays.



4 Advanced Search

Using advanced search allows you to [illegible]arch criteria before conducting a search. With the right searching tech[illegible]rch results will be more precise, accurate and relevant.



1 In the Advanced Search area, select **Metadata Only** or **Full Text & Metadata** for your search.

Note: Users with an IEEE account can set a search preference to search “Metadata Only” or “Full Text & Metadata” option. You must be logged in for this preference to be applied to your searches.

2 Click the first text box and enter your keyword. The keyword can be a subject term, author's last name, or phrase.

3 To include additional keywords or phrases in the search query, enter keyword(s) and select field(s) from the drop-drop menu for this search query as necessary. Define the relationship between yours by using the boolean operators drop-drop menus.

4 Limit your search results by specifying the Publication Years.
Click Search. IEEE Xplore will display results matching your query.

Your Search Results

A list of references which contain your search terms will be displayed, in relevance order. You can further refine your list of results by year, publication titles, topic or content type located on the left hand side.

FullText or just the Abstract?

These icons can be seen under each article record. To view the abstract of an article to see if it is relevant to your research, click on the **Abstract** icon. To view full text, click on either **html** or **PDF** links (you can download the full text with the size of the file is in bracket).

This close padlock indicates content is not included in the library's subscription and you have no access to the full text. You don't have to purchase it but instead, please use our interlibrary loan service:
https://www.swinburne.edu.my/library/about-library/inter-library-loans.php

This button enables you to download references into bibliographic management tools i.e. EndNote or others, save the references, abstracts and links to the IEEE Xplore record as a text file.

Further Help

If you need further help, please contact any of the library staff :

- At Library Service Desk
- Email : IR@swinburne.edu.my
- Phone : +6 082 260936

Reference

IEEE 2018, *Advanced search*, IEEE, viewed 18 January 2021,
< https://ieeexplore.ieee.org/Xplorehelp/#/searching-ieee-xplore/advanced-search>

Swinburne Sarawak Library/LTLS/Jan 2021