

How to Search and Keep Up Date with the Literature (engineering) April. 8th 2008 Taylor Xi

I: The very beginning:

Use the Princeton Library resources!

Searching in Princeton Catalog: go to <http://catalog.princeton.edu> and use guided search instead of basic search

Searching for journals and articles: go to <http://library.princeton.edu> and click on the Articles & Database entry

Getting access from off-campus: Use VPN connection

II: More advanced:

Go to: <http://libguides.princeton.edu>

Look for entry WRI501

Or use the link below directly:

<http://libguides.princeton.edu/content.php?pid=1810&sid=46480>

Section A: Power Tools:

1. Engineering Village:

It contains two databases: Compendex and Inspec. After searching, the right column shows several lists with check boxes classified in authors, in author affiliation, and the most cited articles, key words, journals, etc. You can refine the search result by checking the items that apply. The journal information gives an idea of where to publish the current research work. After getting the papers that you want, check them and click Download button at the top (Select the option of detailed record) and import it into Refworks (www.refworks.com a free online research management tool). (Endnote is also a tool to manage scholar resources, yet it's more complex, not free, and needs to be installed in local computers)

The red button (Find it PUL) means that the full text of paper is accessible from Princeton University Library resources.

2. Scopus Database, Web of Science:

These databases give very good citations information. For Web of Science, the Index Terms entry shows the category of the paper.

Section B: Keep up with the literature:

All major databases allow you to save a search and use it as an alert for the specific topic. Every time a new paper that meets the criteria of your search is added to the database, you are notified, via e-mail or [RSS feed](#) (your choice). This feature is available for [Web of Science](#), [INSPEC and Compendex](#) (through Engineering Village), [Scopus](#).

You can set up alerts to be notified of the latest articles published in specific journals that you want to monitor closely. This feature is available for [IEEE](#) and [ACM](#) publications and all major journal publishers: [Elsevier \(ScienceDirect\)](#), [Springer](#), [Wiley](#). These personalized features require registration (free).