SciFinder Scholar

SciFinder Scholar is an Internet-based search system that provides students and academic researchers with access to chemical and biomedical information indexed in the Chemical Abstracts Service (CAS) suite of databases by chemical names, structures, formulas, reactions, research topics or author/company names. It also allows you to search MEDLINE, which is produced by the National Library of Medicine.

To access Scifinder, you will need a username and password using your UNBC email address. Follow the directions on the Scifinder catalogue entry to set up a username and password (http://wizard.unbc.ca/record=e1000148~S3)

Research Topic
- The default type of search is “Research Topic”.
- Type in your search terms (hydrogen peroxide as bleaching agent for pulp)
  - Searches using natural language
- Can limit using Advanced Search
  - Limit by Publication year(s), language, etc.
- Will display result options, select desired ones
- Click on the title of the document to see details (abstract, citation, substances, etc.)
- In citation – can see CAS Registry number for substances in article
  - Can click on them and find properties related to this substance
  - Can also follow other citations
- Click on “Other Sources” to find the full text. You will be redirected to “Get it @ UNBC”

Analyze or Refine References
- Refine - add another topic (softwood)
- Analyze – get histograms of breakdown of results

Author name
- Choose “Author name” search under the “Explore” tab
- Type in search terms (Kerry Reimer)
- Select possible options
- Can analyze (company name, sort alphabetically)
  - Select unbc or sfu
- Click on “Other Sources” to find the full text. You will be redirected to “Get it @ UNBC”

Company name / Organization
- Choose “Company name” search under the “Explore” tab
- Type in search terms (University of Northern British Columbia)
- Can analyze the results – publication year and sort alphabetically
• Can refine results – curling rocks
• Click on “Other Sources” to find the full text. You will be redirected to “Get it @ UNBC”

Browse Journals
• Can browse through over 1700 major scientific journals.
• Choose “Journal” search under the “Explore” tab
• Type in search terms (Journal of the American Chemical Society)
• Click on “Other Sources” to find the full text. You will be redirected to “Get it @ UNBC”

Document Identifier
• If know a Chem Abs document number of an article or a patent number
• Can search multiple numbers either typing in or reading from a file
  ○ Numbers have to each be on a separate line

Chemical Substance or Reaction
• http://www.cas.org/training/scifinder/need-to-know-reaction-searching

Can also see help pages on searching SciFinder Scholar on CAS website at:

  http://www.cas.org/training/scifinder

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