



Using Databases to Find Journal Articles



Individual journal articles can not be found within library catalogs, such as the JHU Libraries catalog. Google, Yahoo, or other search engines do not have access to the millions of journal articles indexed in databases. Databases are your key to finding journal articles.

Finding Articles on Your Topic

- 1) Identify the best database to use for your topic.
 - a) From the MSEL Home Page, choose **Online Resources**.
 - b) Click on **By Subject** and then choose your subject area of interest.
 - c) Select a database, have questions on which one to choose - ask a librarian.
- 2) Search for your topic. Remember to use synonyms or try the databases' index or thesaurus.
- 3) Once you've identified an article you are interested in, use the JHU-SFX button to link to the full text or find the journal in the Library's catalog.
- 4) ***Need help - ask a librarian.***

Tips and Suggestions

There is no single best way to search a database. Each database is a little different.

- When searching for **authors** check the database **help** screens for **format** suggestions (for example last name, first name vs. last name, first initial).
- Be **creative, be flexible**
- **Think** about what you want before typing in terms - start broad first, then narrow the search
- **Too many hits?** Limit your term to subject or title
- **No hits?** Think of synonyms, check the index, use the thesaurus, check your spelling
- ***Need help - ask a librarian***

Science and Technology Database

Here's a list of **some** of the databases for Science and Technology. See the Library Web site for a comprehensive list. **Need help choosing a database - ask your librarian.**

General

Applied Science and Technology
Academic Search Premier

General Science Full Text
Annual Reviews

Biology/Ecology/Environment

Biological Abstracts (Biosis)
Environmental Issues and Policy Index
PubMed

BioOne
Lexis/Nexis Environmental
Zoological Record

Chemistry

SciFinder Scholar

Beilstein Crossfire

Computer Science

IEEE Xplore
INSPEC

MathSciNet
Gartner Research Service

Earth Sciences and Environmental Engineering

Compendex
Lexis/Nexis Environmental

GeoBase
GeoRef

Engineering

Compendex
Wiley InterScience Online Books
Optics InfoBase

IEEE Xplore
INSPEC
SPIE Digital Library

Math and Statistics

MathSciNet
NTIS (National Technical Information Service)

INSPEC

Medicine and Nursing

Medline via PubMed
National Library of Medicine Gateway

Current Protocols Online
CINAHL

Physics and Astronomy

Astrophysics Data System
CRC Handbook of Chemistry and Physics

INSPEC

Psychology and Cognitive Sciences

PsycInfo and PsycARTICLES
Medline via PubMed

CogNet
ERIC