

## How to Find Chemistry Literature

Use these 2 web pages as starting points for all resources listed here.

**PSE WEB PAGE:**

<http://www.lib.ucdavis.edu/dept/pse/>

**CHEMISTRY SUBJECT GUIDE:**

<http://www.lib.ucdavis.edu/dept/pse/resources/subjects/chemistry.php>

**PSE = Physical Sciences & Engineering Library**

**OUTLINE -- What this class will cover:**

**PSE = Physical Sciences & Engineering Library**

RESOURCE	What To Use It For	How To Get to the Resource
<a href="#">Chemistry Subject Guide</a>	Find databases and other library resources for chemistry	PSE Web Page → Subject Guides → Chemistry (click on "Articles" for a list of article databases, browse descriptions to identify the best database for your needs)
<a href="#">PSE Databases List</a>	Find databases in the physical sciences & engineering	PSE Web Page → Databases (click on "Main Database Page" to see ALL library databases)
<a href="#">SciFinder Scholar</a>	Use to find <u>CHEMISTRY ARTICLES</u>	Chemistry Subject Guide → SciFinder Scholar WEB <OR> PSE Web Page → Databases → SciFinder WEB
<a href="#">Web of Science</a>	Use to find <u>CHEMISTRY ARTICLES</u> Use to do <u>CITED ARTICLE</u> searches	Chemistry Subject Guide → Web of Science <OR> PSE Web Page → Databases → Web of Science
<a href="#">Harvest Catalog</a>	Find <u>BOOKS &amp; JOURNALS</u> at UCD	PSE Web Page → Harvest: UCD Catalog → Harvest: UC Davis Library Catalog
<a href="#">MELVYL Catalog</a>	Find <u>BOOKS &amp; JOURNALS</u> at all UC's	PSE Web Page → Next Generation Melvyl

### Chemistry Subject Guide

Library resources for the field of Chemistry

<http://www.lib.ucdavis.edu/dept/pse/resources/subjects/chemistry.php>

**Use the Links Below to Find:**

[Articles](#) | [Books](#) | [Encyclopedias](#) | [Societies](#) | [Properties: Handbooks & Databases](#) | [Safety Data](#) | [Spectra](#) | [Suppliers of Chemicals](#) | [Electronic Journals A-Z](#) | [Web Sites](#) | [Biographies](#)

[More Subject Guides...](#)

**How Do I...**

Connect from Off Campus using the [Proxy Server](#) or [Modem Pool](#)? Find [A Book](#) or [An Article](#)? [Use UC-eLinks](#)? Import Citations Into Endnote for [Windows](#) or [Mac](#)?

**Librarian Subject Specialist:** Cory Craig [cjcraig@ucdavis.edu](mailto:cjcraig@ucdavis.edu) (530) 752-0347

[Recommend a Purchase](#) for the PSE Library

[Request a Library Instruction Class](#)

## Need Help?

Stop by the Physical Sciences & Engineering Library Reference Desk  
Hours: Mon-Thur 9-6pm and Fri 9-5pm.

**OFF-CAMPUS ACCESS TO DATABASES / JOURNALS:**

To use library resources (databases, journals, etc) from off-campus you need to sign in through the VPN  
Go to the Library Home page: <http://www.lib.ucdavis.edu/> or PSE Home Page: <http://www.lib.ucdavis.edu/dept/pse/>

Click on the blue  link (left side)

Sign in using your campus login ID and Kerberos password (same as your UC Davis email)

When the list of links appears, click on:

- [ELECTRONIC DATABASES A-Z](#) to select a database (including SciFinder and Web of Science)
- [ELECTRONIC JOURNALS](#) to select get to online journals (*Some journals are not avail online!!*)
- [UC DAVIS GENERAL LIBRARY](#) to navigate to other resources from the library's web page

**SCIFINDER SCHOLAR → TWO Versions available:**

Both versions are equally powerful and access the same data.

**SciFinder WEB VERSION:** *Recommended for undergrads!!!*

- Requires [one-time registration before use](#) (register on campus, or you have to log-in to the VPN first)
- Available from any computer with an internet connection
- Available from off-campus via the VPN (VPN → Electronic Databases → SciFinder Web)
- No software installation required (but a Java plug-in must be installed to do structure searching)
- More Info: <http://software.chem.ucla.edu/scifind/>

**SciFinder CLIENT VERSION:**

- Requires installation of software
- Only available from certain computers on campus
- NOT available from off-campus
- Students can install it on their laptop computers, but must be on campus to use it (must go through VPN to download program from off-campus)
- More Info: <http://www.lib.ucdavis.edu/dept/pse/resources/guides/scifinder.php>

**HOW TO LOCATE PRINT & ELECTRONIC JOURNALS IN THE LIBRARY:****Harvest Catalog** → Use to locate journals and books

PSE Web Page → Harvest UCD Catalog → Harvest: UC Davis Library Catalog

**Method 1: From the BASIC SEARCH -- FULL CATALOG:**

SEARCH FIELD: Select "Journal/serial title word(s)"

SEARCH FOR: Enter title of journal (NOT title of article!!)

CLICK: Search

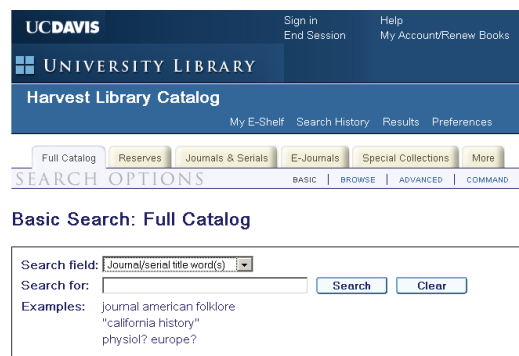
**Method 2: From the BASIC SEARCH -- FULL CATALOG:**

CLICK BROWSE (in upper right part of screen)

SELECT INDEX TO BROWSE: Select "Journal/serial title begins"

TYPE WORD OR PHRASE: Enter EXACT title of journal

CLICK: Search



UC DAVIS Sign in Help  
End Session My Account/Renew Books

UNIVERSITY LIBRARY  
Harvest Library Catalog

My E-Shelf Search History Results Preferences

Full Catalog Reserves Journals & Serials E-Journals Special Collections More

SEARCH OPTIONS BASIC | BROWSE | ADVANCED | COMMAND

Basic Search: Full Catalog

Search field: Journal/serial title word(s)

Search for:  Search Clear

Examples: journal american folklore  
"california history"  
physiol? europe?

## HOW TO FIND CHEMISTRY ARTICLES:

**SciFinder Scholar WEB** → Article database, covers chemistry

**How to Access:**

Chemistry Subject Guide → **SciFinder Scholar [Web Version...]**

**NOTE:** You must REGISTER with a ucdavis email account before you can use the web version of SciFinder. See Chemistry Subject Guide.

Explore REFERENCES → Research Topic  
→ Author Name

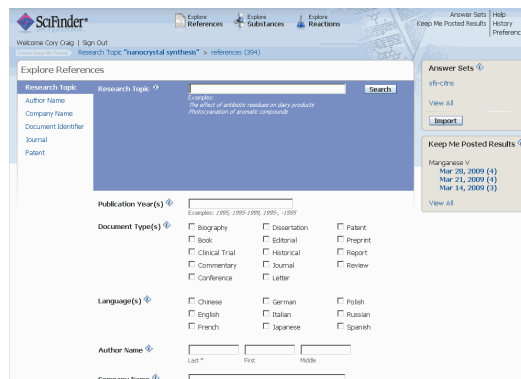
Explore SUBSTANCES → Chemical Structure [draw structure]  
Substance Identifier [name or CAS#]

**Refining your search:**

From list of citations: click REFINE tab (on far right). Then click to limit by: Research Topic, Author Name, Document Type, Publication Year, Language.

**SUBSTANCE Info:** After running substance search, click on "Substance Detail" record to get: CAS Registry Number, properties, spectra.

**REMEMBER:** All 10 UC campuses access SciFinder thru 30 shared ports.  
Log-off when you are finished!!!



**SciFinder Scholar CLIENT** → Article database, covers chemistry

**How to Access:** All PSE public computers → Start → SciFinder Scholar

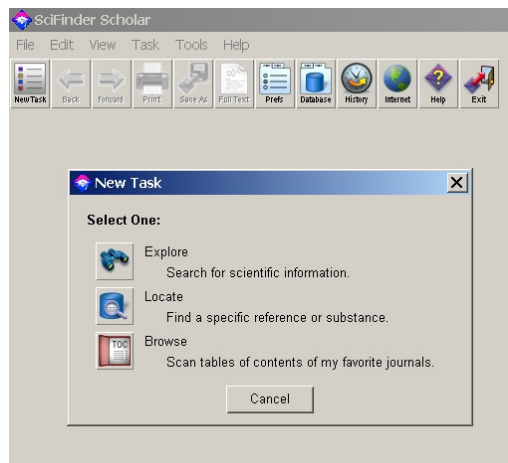
TOPIC SEARCH → Explore → Research Topic

AUTHOR SEARCH → Explore → Author Name

SUBSTANCE SEARCH → Explore → Chemical Structure [draw structure]  
— OR — → Locate → Substance Identifier [name or CAS #]

**Refining your search:**

From list of citations: select "Analyze/Refine" button, then "Refine" button to limit by: topic, author, publication year, document type



**Web of Science** → Article database, covers all disciplines

**How to Access:** Chemistry Subject Guide → Web of Science

TOPIC SEARCH → Enter search phrase → Select "Topic" from drop-down box

AUTHOR SEARCH → Enter search phrase → Select "Author" from drop-down box

Refining your search: From list of citations: use "Refine Results" links on left side of screen to limit by subject, document type, author, publication year, etc.

Use the "Sort" button on the far right to sort by first author, TIMES CITED, etc.

**For a more comprehensive Cited Reference Search:**

Select "Cited Reference Search" link at top, then:

1. Enter name of author, abbreviated title of journal (in CITED WORK field); and year published (in CITED YEAR field). Click SEARCH.
2. Select the article you want to find out who cited. Click FINISH SEARCH

