

<p>Chemistry Librarian: Cory Craig Email: cjcraig@ucdavis.edu Phone: 752-0347</p>	<p>Contact Cory For: - Help finding books, journals, articles: for your research - Consultation on library resources for your research - Library Instruction Sessions: for your class or lab group - Suggest a purchase of a book/journal - ANY problems or questions related to the library</p>
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Library 101: PSE Library & Shields Library

PSE web page: <http://www.lib.ucdavis.edu/dept/pse/>
Shields web page: <http://www.lib.ucdavis.edu/>
Chemistry Subject Guide: <http://www.lib.ucdavis.edu/dept/pse/resources/subjects/chemistry.php>

Use links on the pages above to access:

VPN: Access licensed resources from off campus, sign in with Kerberos ID & password
PSE blog: Includes journal/database outages &
PSE IM: Quick reference questions
Database list: List of article & other databases
E-journals list: List of ONLINE journals only, for all journals, check Harvest Catalog
Interlibrary Loan online forms: Use to request items not owned by UC Davis
Harvest (UC Davis) and Melvyl (UC) library catalogs: Search for books, journals, other items
Activate your library card: Log in with your Kerberos ID & password (new students only)

Finding Literature Access databases from [PSE Databases](#) page or [Chemistry Subject Guide](#)

SciFinder: Two versions of SciFinder are available (both access the same data)
[WEB Version](#): Must register before use. Can be used from off-campus via the VPN.
[CLIENT Version](#): Software must be installed. Cannot be used from off-campus.
SciFinder WEB: [How To Guides](#) SciFinder CLIENT: [How To Guides](#)

Web of Science: searching, citation search, sort by times cited

Other Options: ACS Publications, RSC, Elsevier (ScienceDirect), etc.
Know what you are searching. Searches from the publishers web pages listed above will only return citations published by them.

Google Scholar & Google: [Set preferences to activate UC-eLinks](#)
Great for known items, not the best option for searching by topic.

Literature: Staying Current

SciFinder Web (Keep Me Posted)

Web of Science: Account required for these features. **HOW?** In WOS: click SIGN IN (upper right)
Alerts: (email or RSS): Receive email or RSS feed alerting you of new articles on your topic.
HOW? In WOS: Sign in. Run search, click SEARCH HISTORY → SAVE HISTORY / CREATE ALERT
Create Citation Alert: Email me when someone cites article X
HOW? In WOS: Sign in. Find article, on full record page, click CREATE CITATION ALERT (on right)

RSS Feeds - from databases, publishers, individual journals
Example: ACS Publications, RSC, Elsevier (ScienceDirect),

ACS Mobile app for iPhone: <http://pubs.acs.org/page/tools/acsmobile/index.html>

Finding Properties, Spectra, Safety Info

See [Chemistry Subject Guide – Properties Section](#)

CrossFire: Software must be installed before use. Cannot be used from off-campus. Provides access to Beilstein (organic chemistry) and Gmelin (inorganic and organometallic chemistry) databases. Data on structures, properties, and reactions for millions of compounds.

Researcher Tools

ACS Style Guide: Access from [Chemistry Subject Guide](#)
Chapter 14 (ACS citation guidelines) is available free online. See Table 14-2 (pgs 292-293).

Use DOI To Link To Articles: DOI's usually given on publishers web pages, or in PDF.
This link is short, stable, and can be posted on web pages. Subscribing institutions can access the article, non-subscribers can only reach the abstract (so library licensing restrictions are not violated). ADD this link to references in your Endnote libraries for quick access to articles.

HOW? The DOI for the article below is: 10.1039/b702266b
Kauzlarich, S. M.; Brown, S. R.; Snyder, G. J., Zintl phases for thermoelectric devices. Dalton Transactions 2007, 21, 2099-2107.

Start with this URL: <http://dx.doi.org/>
Then add DOI for an article: DOI is: 10.1039/b702266b
End Result: <http://dx.doi.org/10.1039/b702266b>

Researcher ID / Author ID

The difficulties of identifying a particular author based on name only, are leading to attempts to develop a unique identifier for scholarly authors. The links below discuss efforts in this area.

M. Enserink. Are you ready to become a number? Science **2009**, 323, 1662-4.
<http://dx.doi.org/10.1126/science.323.5922.1662>

Researcher ID in Web of Science: <http://isiwebofknowledge.com/researcherid/>

Open Researcher and Contributor ID: <http://en.wikipedia.org/wiki/ORCID>

Measures of Research Impact/Productivity

Journal Citation Reports (JCR): Access databases from [PSE Databases](#) page
Impact Factor: A measure of the impact/importance of a given journal.
ISI defines it as: "the average number of times articles from the journal published in the past two years have been cited in the JCR year."

Web Of Science – H-Index: Access databases from [PSE Databases](#) page
Definition of H-Index: A measure of the impact of a given author.
"The h-index is based on a list of publications ranked in descending order by the Times Cited. The value of h is equal to the number of papers (N) in the list that have N or more citations." From WOS Help.
HOW? In Web of Science: Do author search, select CREATE CITATION REPORT.

Other Citation Metrics: Many citation metrics exist (along with significant discussion/controversy).

Endnote

Endnote is software that allows you to store, manage, and format bibliographic citations. It works with Word to format citations in thousands of styles. Available free to current UC Davis students, faculty, and staff via MyUCDavis.

For an overview of Endnote, see: [Introduction to Endnote for Grad Students](#)