



Science & Engineering Library

# 10 Things UCSD Materials Science Researchers Need to Know

<http://scilib.ucsd.edu/> and <http://ucsd.libguides.com/chemistry>  
[http://libraries.ucsd.edu/subjects/materials\\_science.html](http://libraries.ucsd.edu/subjects/materials_science.html)

1. How to access the Library's electronic resources when you're off campus.
  - **UCSD Web Proxy and AnyConnect VPN Client**
  - <http://blink.ucsd.edu/go/vpn>
  - <http://blink.ucsd.edu/technology/network/connections/off-campus/proxy/index.html>
2. How to locate books, journals and conference proceedings.
  - Use **Roger** to locate materials at UCSD, and **Melvyl** to locate materials owned by all the UC Libraries. (<http://roger.ucsd.edu/> and <http://ucsd.worldcat.org/>)
  - For journals (print and online), search in Roger by the name of the journal, not the title of the article
    - To search e-journals only: [http://ucelinks.cdlib.org:8888/sfx\\_ucsd/az](http://ucelinks.cdlib.org:8888/sfx_ucsd/az)
3. How to search the scientific literature. Do you know which article databases are best for journal articles, patents and conference papers in your field?
  - **Quickinks** from S&E Library homepage and **Chemistry Guide**
  - Search **SciFinder**, **Web of Science**, **PubMed**, **Reaxys**, **Compendex**, **Inspec**, **Google Scholar**, **Engineered Materials Abstracts**, etc.
  - From the citation, click  to see if the article's available online or in print
4. How to use **Interlibrary Loan** to get books and articles not owned by UCSD.
  - **Interlibrary Loan**: use <http://libraries.ucsd.edu/ill/request> OR the request feature in .
5. How to access our growing e-book collections. The books are individually listed in Roger, and each collection is full-text searchable.
  - **Springer** (<http://www.springerlink.com/>): +30,000 books in all subject areas
  - **Knovel** (<http://www.knovel.com/>): +2,500 science/engineering, including property data
  - Use **Roger** to search for more e-books, including titles from **Wiley**.
6. How to find papers that cite a key reference.
  - Use **Web of Science** for a cited reference search; also **SciFinder** & **Google Scholar**.
7. How to keep current with newly published research in your area(s).
  - Set up **email alerts** or **RSS feeds** for database/article search alerts, journal table-of-contents, news, podcasts, etc.
8. How to keep track of the references you've located.
  - Use bibliographic management software like **EndNote** or **RefWorks** to manage key references and automatically format them for dissertations and other papers.
9. How to find other resources, including encyclopedias, dissertations and chemical/physical property data
  - Use **LibGuides** and **Sage** (phasing out) to find encyclopedias, articles databases, and websites.  
[http://libraries.ucsd.edu/subjects/materials\\_science.html](http://libraries.ucsd.edu/subjects/materials_science.html)  
<http://libguides.ucsd.edu/chemistry>
10. How to contact your library and how to get help:
  - [tmvogel@ucsd.edu](mailto:tmvogel@ucsd.edu) **858-534-1216**
  - **IM: tmvogel (Meebo)** **Twitter: @ucsdscieng**
  - In person, S&E Library or anywhere on campus (appointments welcome)
  - S&E Library: <http://scilib.ucsd.edu> **Blog: <http://blog.ucsd.edu/se/>**