Engineering Resources: Find Journal Article and Database Search

Your Librarians

<table>
<thead>
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<td>(408) 808-2089</td>
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<tr>
<td>Departments: Electrical, General, Industrial and Systems, and Mechanical Engineering</td>
<td>Departments: Civil and Environmental Engineering, Computer Science, Mathematics &amp; Statistics</td>
<td>Departments: Aerospace, Aviation and Technology</td>
<td>Departments: Biomedical, Chemical, and Materials, Computer, Software</td>
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Important Links

Library Website:  [http://library.sjsu.edu](http://library.sjsu.edu)

College of Engineering Research Guides: [http://libguides.sjsu.edu/engr200W](http://libguides.sjsu.edu/engr200W)  [http://libguides.sjsu.edu/coe](http://libguides.sjsu.edu/coe)

Off-Campus Access to Library Databases

Username: Your SJSU ID #

Password: your SJSUOne password

More information and help: [http://library.sjsu.edu/access-library-campus/access-library-campus](http://library.sjsu.edu/access-library-campus/access-library-campus)

Problems connecting? Call (408) 808-2470 or email Library-SCS-Group@sjsu.edu (Student Computing Services)

Interlibrary Services – Accessing or acquiring materials that are not in SJSU’s collections

- Free, but allow for 3-5 business days for articles, 2 weeks for books & theses
- CSU+ (books from 23 CSU universities) and ILLIAD (articles, books from all over the world)
- [https://library.sjsu.edu/services/csulibrary-loan-and-other-resources](https://library.sjsu.edu/services/csulibrary-loan-and-other-resources)

How to Search Effectively – see Database Search Strategies ([https://libguides.sjsu.edu/search_strategies](https://libguides.sjsu.edu/search_strategies))

Keywords: an important search tool

- Define your search in a few key terms or phrases: solar energy / solar power / geothermal power / renewable energy
- Think of synonyms for your terms. Use thesaurus.com, keywords in a relevant article
- Combine keywords with AND, OR, NOT
- Put double quotes around phrases to keep the words together during your search. Example: “Data management system”
- Add an asterisk to pull in more words – called “truncation.” Enter as many letters as possible before truncation. Example: system* matches system, systems, systematic, systematize
- Note: If you get too many results, try adding another keyword (concept)
Electronic Databases (Quick Links => Articles & Databases OR Engineering Research Guides)

Engineering Village

Resource for all areas of engineering and applied sciences.

- Find articles about your topic, including patent information and access to the CRC Handbooks

Other helpful databases: IEEE Xplore, Science Direct

Tutorials available on the Engineering 100W research guide

Within databases and Google Scholar the “Find It” button will take you to OneSearch for the full-text article within a database or direct you to use Interlibrary Loan to get the article.

NOTE: Login to OneSearch with your Student ID and SJSUOne password for full access to articles and other SJSU items.
RefWorks

- Collect, manage, and organize citations
- Generate bibliographies according to a variety of output styles
- Use Write-N-Cite for in-text citations
- Generate bibliographies according to a variety of output styles
- Individual Account: Username: _____________________________
  Password: ______________________________
Journal Citation


Author _________________________________________________

Article Title ______________________________________________

Journal Title _____________________________________________

What is DOI? ____________________________________________

Use DOI in Google Scholar and CrossRef.org to get to the article.

Need more information about a journal? Is the journal peer-reviewed?


Search the Journal Title in OneSearch

Check Ulrich’s Periodicals Directory database (Articles and Databases => U).

Search Catalog with *Journal Title*

Name of the tab through OneSearch that allows you to search for journal title? __________________________

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<tr>
<th>Journal Title</th>
<th>Environment, Development and Sustainability</th>
<th>Mechanical Engineering</th>
<th>Air and Space Smithsonian</th>
<th>Scientific American</th>
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<td>Database used to find journal?</td>
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Google Scholar

- Connect to SJSU databases to easily find if the article is available (Google Scholar => Settings => Library Links)
- Enter article title or author to determine where the article can be found through GetText
- Connect to RefWorks (Google Scholar => Settings => Bibliography Manager => RefWorks) and send your citation information directly to RefWorks

Google Search Tips

Advanced Google research guide - [https://libguides.sjsu.edu/google](https://libguides.sjsu.edu/google)

Use *Advanced Search* in Google

SJSU ScholarWorks > [http://scholarworks.sjsu.edu/](http://scholarworks.sjsu.edu/)

- SJSU’s institutional repository
- Theses become electronically available through ScholarWorks and ProQuest Dissertations and Theses
- Types of Embargoes
  - sponsor-mandated
  - student-directed
  - faculty-directed
NOTE: Projects are not required for inclusion into ScholarWorks or ProQuest Dissertations and Theses