Important Links

Library Website:  http://library.sjsu.edu

College of Engineering Research Guides: http://libguides.sjsu.edu/engr200W  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

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/csu-interlibrary-loan-and-other-resources

How to Search Effectively

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
- View references and article citations
- Provides patent information and access to the CRC Handbooks

**Find It**

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.
Web of Science

Resource for the sciences, social sciences, arts, and humanities

- Find articles about your topic
- View references and article citations
- Citation database searching allows users to see connections, track developments in the scholarly literature, and obtain some information about an article’s importance in the field
- Create Citation Report

![Web of Science Interface](image-url)

- **Input Keywords**: methymercury AND preg* women
- **Choose Topic, Title, Publication Name, etc.**
- **Acts as a wild card**
- **Add additional search fields**
Sort options for results

Select save to Refworks

Narrow down by Categories
Authors
Types of Articles

Check to see if SJSU has the article
Number of times article has been Cited. You can click to see list

Click these links to see the cited references or articles citing this one

These keywords could provide guidance in finding additional search terms for finding related articles
IEEE Xplore

- Resource for the technical and scientific information with focus on computer, electrical, and electronic engineering
- Find articles about your topic, including aerospace, bioengineering, transportation, energy, industry, robotics
- View references and article citations
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

1) Use quotes around a phrase
   “mushroom construction” “burst mode”
2) Use a hyphen to exclude words
   sharks – hockey
3) Use an asterisk for a wildcard
   system*

Use Advanced Search in Google

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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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: ______________________________

  GroupCode: RWSJSU