

This guide is intended to help you get started in your search for information on Computer Science at the Library of Science and Medicine (**LSM**) and the Mathematical Sciences Library (**MATH**). For more comprehensive information, find Research Resources, then Subject Research Guides on the Rutgers Libraries home page:

http://www.libraries.rutgers.edu/rul/rr_gateway/research_guides/research_guides.shtml.

For further information on our resources or guidance on searching a specific topic, please consult a reference librarian.

Find an article

Indexes and Databases: tell you what journal articles have been written on a subject or by a particular author and lead you to the most up-to-date research on a subject.

Electronic Databases: Click on "Find Articles" on the Rutgers University Libraries web page. Then select "Indexes and Databases"; all titles are accessible from on-campus computers. Rutgers current faculty, staff, and students can access these databases from off-campus; click on "Connect from Home" on the Libraries web page.

- ACM Digital Library 1985 -
- EI Compendex Plus 1987 -
- IEEE Xplore 1988 -
- INSPEC 1969 -
- Gartner Research (login with your Rutgers NetID and password)
- Web of Science
- CiteSeer^x (available to all) <http://citeseerx.ist.psu.edu/>
- Citeulike (available to all) <http://www.citeulike.org/>
- Collection of Computer Science Bibliographies (available to all) <http://iinwww.ira.uka.de/bibliography/index.html>
- DBLP computer Science Bibliography (available to all) <http://dblp.uni-trier.de/>
- Graphbib (available to all) <http://www.siggraph.org/publications/bibliography/>

Another tool for searching computer science literature is **Google Scholar** (<http://scholar.google.com>). **Google Scholar** is a free database on the web and provides access to many full-text articles. It enables users to search articles from many academic publishers and preprint repositories. The "citations citing" feature is similar to Science Citation Index in Web of Science. Google Scholar should be used as a supplement for Web of Science.

Journals	Rutgers University Libraries carries an extensive collection of journals in Computer Science. Most computer science journals are located at the Mathematical Sciences Library. A few of them are kept at LSM. Many journals are available online and can be accessed through IRIS, our online catalog (http://www.iris.rutgers.edu). If the journal title is not found in IRIS, then check the "A-Z list" under "electronic journal lists" (http://www.libraries.rutgers.edu/rul/rr_gateway/ejournals/ejournals.shtml).
Reference Books	<ul style="list-style-type: none"> • Encyclopaedia of Computer Science, LSM REF QA76.15.E48 2000 • Encyclopedia of Computer Science and Technology, MATH REF QA76.15.E5 • Dictionary of Information Technology, KILMER REF QA76.15.C58 2002 • The Computer Glossary : the Complete Illustrated Dictionary, LSM REF QA76.15.F733 1998 • Software Encyclopedia, ALEX REF QA76.5.S624 2008
Full-text Resources	<p>Important online full-text resources include ACM Digital Library and IEEE Xplore. Lecture Notes in Computer Science (LNCS) is also available on the web via SpringerLink. (http://link.springer.de/link/service/series/0558/tocs.htm)</p> <p>Some popular computer science books published by companies such as MIT Press, McGraw-Hill, O'Reilly, Sams Publishing and John Wiley are available via NetLibrary and MyiLibrary in e-books format. You can access these two e-books packages from the page of "Indexes and Databases" (http://www.libraries.rutgers.edu/rul/indexes/indexes.shtml).</p>
Technical Reports and Pre-prints	<ul style="list-style-type: none"> • Virtual Technical Reports Center http://www.lib.umd.edu/UMCP/ENGIN/TechReports/Virtual-TechReports.html • NCSTRL (Networked Computer Science Technical Reference Library) http://www.ncstrl.org
Societies	<ul style="list-style-type: none"> • AAAI - the American Association for Artificial Intelligence, http://www.aaai.org • ACM - Association for Computing Machinery, http://www.acm.org • IEEE Computer Society, http://www.computer.org • IEEE, http://www.ieee.org • SIAM - Society for Industrial and Applied Mathematics, http://www.siam.org
Other Internet Sources	<ul style="list-style-type: none"> • Division of Computer and Information Sciences at Rutgers University, http://www.cs.rutgers.edu • Help-Site Computer Manuals, http://help-site.com/ • Academic Info - Computer Science & Computer Engineering, http://www.academicinfo.us/compsci.html • Webopedia - online dictionary, http://www.pcwebopedia.com/