

Old or New, Free or Not: The Web Has Journals for All

If you are searching for scientific journals or information on a scientific topic, the Web offers a wide range of archives, directories, and search engines. The following Web sites have won awards, are easily accessible, or have a user-friendly interface. They will lead you to various science-related publications, from peer-reviewed journals in various languages to universities' press releases.

ACS Journal Archives—pubs.acs.org/archives

The American Chemical Society (ACS) has been publishing chemistry research since 1879. It now publishes 31 journals, and the complete archives of 25 of them are online! In the ACS Journal Archives, you can search the full texts of all titles published by ACS and obtain articles in HTML (from 1996 forward) or PDF format. You can go directly to the archives or travel through time with the ACS Journal Timeline. This nicely designed timeline contains important historical dates for ACS, information on chemistry Nobel laureates, and links to articles written by them in ACS's journals. The Professional/Scholarly Publishing Division of the Association of American Publishers recognized the ACS Journal Archives with the 2002 Best Internet-Based Electronic Product in Mathematics/Science award.

Directory of Open Access Journals—www.doaj.org

Are you looking for peer-reviewed journals with free access—in other words, journals in which users have the right to read, download, copy, distribute, print, search, or link to the full texts of the articles—in all subjects and various languages? Then, the DOAJ is the Web site you need. The directory lets you search by subject or by journal title. The search result will show you the title of the journal, the identifier (URL where the full content is posted), the publisher, languages in which the journal is available, the ISSN, key words, and the first year for which articles in the journal are available

online. For example, the *Pacific Journal of Mathematics* will list this information: identifier, nyjm.albany.edu:8000/PacJ/; publisher, Mathematics Department, University of California, Los Angeles; languages, English, French, German; ISSN, 0030-8730; key words, mathematics; and start year, 1997.

Scirus—www.scirus.com

Another search engine? But we already have Google and others! Well, Scirus is a science-specific search engine. That means it filters out nonscientific sites. "For example, if you search on Dolly, Google finds Dolly Parton, Scirus finds the cloned sheep", says the Scirus "about us" page; "if you search on mad cow disease, Scirus finds peer-reviewed articles from ScienceDirect, Google finds Web pages only." The site, launched by Elsevier Science, allows users to locate university sites and find reports and articles easily. Scirus lets you narrow down your search by subject, types of information, and information sources. You can also restrict your search by date range or just scientific conferences, abstracts, or patents.

Institute of Physics Electronic Journals Archive—iop.org/EJ/

The Institute of Physics (IOP) is an international association that "promotes the advancement and dissemination of physics". Its Web site offers access to journals in physics, mathematics, and computer science worldwide. You can search current journals by subject or title or look at the archives—which go back to 1874. When you access a journal by title, the site gives you a link to the full text of the current issue, a menu with the journal archive, and a list of articles that have been accepted for publication. Although you need a subscription to access the archives, all papers published in IOP journals are free for 30 days from the date of online publication.

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