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**ArXiv.org (physics research repository) - Cornell University**  
<http://arxiv.org/>

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**CiteSeer - Pennsylvania State University**  
<http://citeseer.ist.psu.edu/>

CiteSeer is an evolving **scientific literature digital library** and search engine that focuses primarily on the literature in computer and information science. CiteSeer aims to improve the dissemination of scientific literature and to provide improvements in functionality, usability, availability, cost, comprehensiveness, efficiency, and timeliness in the access of scientific and scholarly knowledge.

**The Online Books Page - University of Pennsylvania**  
<http://onlinebooks.library.upenn.edu/webbin/book/subjectstart?Q>

The Online Books Page is a website that facilitates access to books that are freely readable over the Internet. It also aims to encourage the development of such online books, for the benefit and edification of all. It lists over 40,000 free books on the Web, in various topics and fields, including the sciences, in addition to news and features.



**HighWire Press - Stanford University**  
<http://highwire.stanford.edu/>

**HighWire Press** is a division of the Stanford University Libraries that produces the online versions of high-impact, peer-reviewed journals and other scholarly content. Recipient of the 2003 Association for Learned and Professional Society Publishers (ALPSP) Award for "Service to Not-for-Profit Publishing",

HighWire collaborates with scholarly societies, university presses and publishers to host a large body of clinical and research literature. Over 70 of the 200 most-frequently-cited journals in science are hosted on HighWire.



### **CODA- Collection of Open Digital Archives – California Institute of Technology (Caltech)**

The mission of the Caltech Collection of Open Digital Archives is to collect, manage, preserve and provide global access over time to the scholarly output of the Institute and the publications of campus units. CODA comprises of:

1. CaltechAuthors: Research publications by Caltech authors. Mainly articles, but also books, book chapters, conference papers and more – the largest single component of the various archives are journal articles published by Caltech authors over the course of the last century or so. Over 13,000 at last count.
2. CaltechThesis: Caltech's dissertations – an electronic dissertation became a PhD requirement at the Institute beginning in 2003. Digitization of the older dissertations is more than 60% completed.
3. CaltechCampusPubs: General publications by Caltech faculty, staff and students that are of interest to the campus community as a whole. These include regularly published titles such as the Caltech Catalog or the Tech
4. Technical Reports: these include archives of digitized technical report series from Caltech's Computer Science department and from the Earthquake Engineering Research Laboratory, among others.
5. Caltech-hosted Conferences: proceedings of conferences hosted by Caltech -- a professor hosting an international cavitation conference approached the library in the spring of 2001. He was hoping to have the conference papers submitted by their authors and accessible globally before, during, and after the conference, preferably in perpetuity.
6. Other Collections: the library also hosts archives for other groups at Caltech, such as the Engineering and Science magazine, and the Caltech Archives' Oral Histories.

Some items have access restrictions. The largest class of material with access restricted to the Caltech campus are dissertations written since 1977, in cases where the author has not yet been contacted to secure permission for global distribution. The library responds to all requests for access by contacting the author or the author's heirs in pursuit of that permission.

### **DSpace @ MIT - Massachusetts Institute of Technology** <http://dspace.mit.edu/>

DSpace@MIT, MIT's institutional repository built to save, share, and search MIT's digital research materials including an increasing number of conference papers, images, peer-reviewed scholarly articles, preprints, technical reports, theses, working papers, and more. DSpace@MIT's Open Access Articles collection contains over 3000 scholarly articles that MIT Faculty have made openly available on the web under their Open Access Policy. Articles have been viewed more than 100,000 times since the collection was launched in October 2009.



### **Space Physics Research Group - University of California, Berkeley** <http://sprg.ssl.berkeley.edu/>

SPRG conducts experimental research in space plasma physics on a variety of different spacecraft covering the earth's magnetosphere, auroral zone, tail region, the interplanetary solar wind, and in the near-space environments of other planets. SPRG hosts on its website referred publications by SPRG researchers freely accessible.



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## UNITED STATES GOVERNMENT



**Science.gov**

<http://www.science.gov/>

This site provides access to U.S. government resources related to science and technology. Science.gov features simple search, advanced search, and browse capabilities. Since this site searches government agency online catalogs, the full text of some of the resources may not be accessible.



**Science Reference Services - U.S. Library of Congress**

<http://www.loc.gov/rr/scitech/>

Search Engine - Provides reference and bibliographic services and to develop the collections in several areas of science and technology.



**National Center for Biotechnology Information (NCBI) Search - U.S. National Institutes of Health (NIH)**

<http://www.ncbi.nlm.nih.gov/>

Search Engine - Develops, distributes, supports, and coordinates access to a variety of databases and software for scientific and medical communities.



**An Archive of Life Science Journals - U.S. National Institutes of Health (NIH)**

<http://www.pubmedcentral.gov/>

PubMed Central is a free digital archive of biomedical and life sciences journal literature at the U.S. National Institutes of Health (NIH). One can quickly search the entire body of full-text articles and locate relevant material regardless of its source. It also makes it possible to integrate the literature with a variety of other information resources such as sequence databases and other factual databases that are available to scientists.



**Office of Science and Technical Information (OSTI) - U.S. Department of Energy**  
<http://www.osti.gov/>

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**A SCIENCE Accelerator Resource – U.S. Department of Energy Information Bridge**  
<http://www.osti.gov/bridge/index.jsp>

The Information Bridge: DOE Scientific and Technical Information provides free public access to over 230,000 full-text documents and bibliographic citations of [Department of Energy](#) (DOE) research report literature. Documents are primarily from 1991 forward and were produced by DOE, the DOE contractor community, and/or DOE grantees. Legacy documents are added as they become available in electronic format. The Information Bridge contains documents and citations in physics, chemistry, materials, biology, environmental sciences, energy technologies, engineering, computer and information science, renewable energy, and other topics of interest related to DOE's mission. DOE's [Office of Scientific and Technical Information](#) (OSTI) makes this Web site available as a public service.

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