

## Open Access Databases

Sl No.	DATABASE name	Description	URL Links
1	<a href="#">AGRIS</a>	Index to international agricultural literature. Includes articles, technical reports, proceedings, theses, and documents primarily from, or related to, the developing world. 1975- Present.	<a href="http://agris.fao.org/?Content=DB&amp;Menu_1ID=DB&amp;Menu_2ID=DB1&amp;Language=EN">http://agris.fao.org/?Content=DB&amp;Menu_1ID=DB&amp;Menu_2ID=DB1&amp;Language=EN</a>
2	<a href="#">AGRICOLA</a>	agriculture & life sciences-related research	<a href="http://agricola.nal.usda.gov/cgi-bin/Pwebrecon.cgi?DB=local&amp;PAGE=bbSearch&amp;STARTDB=AGRIDB">http://agricola.nal.usda.gov/cgi-bin/Pwebrecon.cgi?DB=local&amp;PAGE=bbSearch&amp;STARTDB=AGRIDB</a>
3	<a href="#">arXiv.org e-Print archive</a>	One of the most innovative and successful experiments to date in scholarly communication. First developed in 1991 by the Los Alamos National Laboratories, the arXiv-print server was the first successful automated electronic archive and distribution server for research papers in physics and related disciplines: mathematics, nonlinear sciences, computational linguistics, and neuroscience.	<a href="http://library.ust.hk/cgi-bin/beyond/jump.cgi?ID=978">http://library.ust.hk/cgi-bin/beyond/jump.cgi?ID=978</a>
4	 <a href="#">BioMed Central</a>	Offers online publishing of research articles in all areas of biomedical research with full peer review and barrier-free access for all. All original articles are published in one of the BioMed Central journals as well as being posted without delay on PubMed Central and indexed in PubMed.	<a href="http://library.ust.hk/cgi-bin/beyond/jump.cgi?ID=1130">http://library.ust.hk/cgi-bin/beyond/jump.cgi?ID=1130</a>
5	 <a href="#">China Historical GIS Webmaps</a>	The China Historical Geographic Information System (CHGIS) project provides searchable databases containing images of Harvard's map collections, including maps from Qing Dynasty, Chinese place names, East Asian Maps, and other GIS Resources.	<a href="http://library.ust.hk/cgi-bin/beyond/jump.cgi?ID=1577">http://library.ust.hk/cgi-bin/beyond/jump.cgi?ID=1577</a>
6	<a href="#">Chemical Carcinogenesis Research Information System</a>	(carcinogenicity, mutagenicity, tumor promotion and inhibition data for over 8,000 chemicals	<a href="http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?CCRIS">http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?CCRIS</a>
7	<a href="#">ChemIDplus</a>	chemical dictionary searchable by name, formula, registry number, and structure	<a href="http://chem.sis.nlm.nih.gov/chemidplus/">http://chem.sis.nlm.nih.gov/chemidplus/</a>
8	<a href="#">CrossRef</a>	Is a citation linking service based on DOI (Digital Object Identifier) standards. It provides access to millions of citations and abstracts of articles from over 1,600 scholarly and professional publishers. Full-text is only available for open access content or for those resources to which the Library has a subscription.	<a href="http://www.iop.org/EJ/search_crossref">http://www.iop.org/EJ/search_crossref</a>
9	<a href="#">Crystallography Open Database</a>	All data on this site have been placed in the public domain by the contributors	<a href="http://www.crystallography.net/">http://www.crystallography.net/</a>
10	<a href="#">DOE Information Bridge</a>	Full text of over 27,000 <i>U.S. Department of Energy</i> research and development reports	<a href="http://www.osti.gov/bridge/">http://www.osti.gov/bridge/</a>
11	 <a href="#">Edinburgh Virtual Library - Chemical Engineering</a>	Virtual Library for chemical engineering	<a href="http://www.eevl.ac.uk/engineering/eng-browse-page.htm?my_tree_id=574&amp;action=Class+Browse&amp;leafdata=366&amp;my_tree_parent=1&amp;browsestart=574">http://www.eevl.ac.uk/engineering/eng-browse-page.htm?my_tree_id=574&amp;action=Class+Browse&amp;leafdata=366&amp;my_tree_parent=1&amp;browsestart=574</a>

12	<a href="#">Energy Citations Database (1948-)</a>	Provides citations to literature on energy and related subjects from the U.S. Department of Energy and its predecessor agencies. It indexes journal articles, books, conference papers, patents, reports and theses	<a href="http://library.ust.hk/cgi-bin/beyond/jump.cgi?ID=1289">http://library.ust.hk/cgi-bin/beyond/jump.cgi?ID=1289</a>
13	<a href="#">Esp@cence (Europe's Network of Patent Databases)</a>	Are maintained by the European Patent Office. The databases provide bibliographic information, abstracts, and full text/images of US patents, British patents, French patents, German patents, Swiss patents, and patent applications published by the European Patent Office and the World Intellectual Property Office. Bibliographic information and abstracts of Chinese and Japanese patents, and bibliographic information of patents from over 50 other countries are also available.	<a href="http://library.ust.hk/cgi-bin/beyond/jump.cgi?ID=921">http://library.ust.hk/cgi-bin/beyond/jump.cgi?ID=921</a>
14	<a href="#">GenBank</a>	the NIH genetic sequence database maintained by the <i>National Center for Biotechnology Information (NCBI)</i>	<a href="http://www.ncbi.nlm.nih.gov/Genbank/">http://www.ncbi.nlm.nih.gov/Genbank/</a>
15	<a href="#">GEOBIB</a>	geographical information	<a href="http://geobib.lib.uwm.edu/">http://geobib.lib.uwm.edu/</a>
16	<a href="#">GrayLIT Network</a>	Full text of 100,000+ technical reports located at the Department of Energy (DOE), Department of Defense (DoD), Environmental Protection Agency (EPA), and National Aeronautics and Space Administration (NASA)	<a href="http://www.osti.gov/graylit">http://www.osti.gov/graylit</a>
17	<a href="#">IDEAS</a>	The largest database dedicated to Economics available on the Internet. Over 200,000 items of research can be browsed or searched, and over 120,000 can be downloaded in full text! It includes working papers and articles from over 150 archives, such as IMF, NBER, US Federal Reserve Bank, central banks and major universities in the world. Contains the complete RePEc database.	<a href="http://library.ust.hk/cgi-bin/beyond/jump.cgi?ID=421">http://library.ust.hk/cgi-bin/beyond/jump.cgi?ID=421</a>
18	<a href="#">Integrated Risk Information System</a>	human health risk assessment for over 500 chemicals	<a href="http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?IRIS">http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?IRIS</a>
19	<a href="#">MatWeb: Material Property Data</a>	A free materials information database with over 24,000 materials including metals, plastics, ceramics, and composites. Users can search by material type, trade name, manufacturer, property, and metal composition. It also provides other useful resources like conversions table and weight calculator.	<a href="http://library.ust.hk/cgi-bin/beyond/jump.cgi?ID=1208">http://library.ust.hk/cgi-bin/beyond/jump.cgi?ID=1208</a>
20	<a href="#">NASA Astrophysics Data System</a>	A NASA-funded project that includes four abstract services: Astronomy and Astrophysics (500,945 abstracts); Instrumentation (516,298 abstracts, including 90,000 from SPIE); Physics and Geophysics (429,653 abstracts); ADS/LANL Preprint Abstract Service (2,905 abstracts and full articles). In addition, they include links to scanned images of over 40,000 journal articles from most of the major astronomical journals and proceedings in its Article Service. There are also online books relating to astronomy and astrophysics.	<a href="http://library.ust.hk/cgi-bin/beyond/jump.cgi?ID=882">http://library.ust.hk/cgi-bin/beyond/jump.cgi?ID=882</a>

21	<a href="#">National Environmental Publications Information System</a>	Full text of U.S. Environmental Protection Agency documents	<a href="http://www.epa.gov/nepis/">http://www.epa.gov/nepis/</a>
22	<a href="#">NCSTRL</a>	Full text computer science-related technical reports	<a href="http://www.ncstrl.org/">http://www.ncstrl.org/</a>
23	<a href="#">NIST Chemical Kinetics Database on the Web</a>	Includes essentially all reported kinetics results for thermal gas-phase chemical reactions.	<a href="http://kinetics.nist.gov/index.php">http://kinetics.nist.gov/index.php</a>
24	<a href="#">NIST Chemistry WebBook</a>	Compiled by the National Institute of Standards and Technology of the USA, this database provides data of thermo chemistry (5,000 compounds), enthalpy of reaction (3,000 reactions), infrared spectra (5,000 compounds), mass spectra (8,000 compounds), ion energetics (14,000 compounds), etc. Data can be searched by name, chemical formula, Chemical Abstracts Service Registry Number, molecular weight, ionization energy, or proton affinity.	<a href="http://library.ust.hk/cgi-bin/beyond/jump.cgi?ID=559">http://library.ust.hk/cgi-bin/beyond/jump.cgi?ID=559</a>
25	<a href="#">NIST Data Gateway</a>	Provides easy access to NIST scientific and technical data that covers a broad range of substances and properties from many different scientific disciplines. Also includes links to selected free online NIST databases. One can search by keywords, properties and substances across a collection of NIST databases.	<a href="http://library.ust.hk/cgi-bin/beyond/jump.cgi?ID=1690">http://library.ust.hk/cgi-bin/beyond/jump.cgi?ID=1690</a>
26	<a href="#">NSSN: A Global Resource for Standards</a>	Contains over 250,000 references to standards from more than 600 developers worldwide. It includes industry, international and U.S. Government approved standards and standards under development.	<a href="http://library.ust.hk/cgi-bin/beyond/jump.cgi?ID=1923">http://library.ust.hk/cgi-bin/beyond/jump.cgi?ID=1923</a>
27	<a href="#">NTIS (1988-)</a>	The official source for government-sponsored U.S. and worldwide research reports and studies in the fields of science, engineering, business and social sciences. "Search for Products" provides citations and selected abstracts to 370,000 publications, CD-ROMs and audio-visual materials added to the NTIS collection within the last ten years.	<a href="http://www.ntis.gov/">http://www.ntis.gov/</a>
28	<a href="#">Population Reference Bureau</a>	A very rich information source on world population. Includes country profiles, data sheets and full-text reports on population, health, and environmental topics. Under Data Finder, there is also a searchable database with data on 95 demographic variables for more than 220 countries and 28 regions.	<a href="http://library.ust.hk/cgi-bin/beyond/jump.cgi?ID=968">http://library.ust.hk/cgi-bin/beyond/jump.cgi?ID=968</a>
29	<a href="#">Scirus</a>	Searches over 200 million science-specific Web pages for scientific, scholarly, technical and medical data, including peer-reviewed articles, patents, preprints, technical reports, etc. It incorporates both subscription and open access full-text scholarly literature such as arXiv.org, BioMed Central, Cogprints, government	<a href="http://library.ust.hk/cgi-bin/beyond/jump.cgi?ID=1373">http://library.ust.hk/cgi-bin/beyond/jump.cgi?ID=1373</a>

		patent servers, Medline and NASA technical reports.	
30	<a href="#">Searching PAJ (Patent Abstracts of Japan)</a>	The PAJ database provides full-image access to English translations of Japanese patents. It has over 6 million records with bibliographic data, summarized texts and major drawings. Users may also link to a facsimile of the original Japanese patent from the English version.	<a href="http://library.ust.hk/cgi-bin/beyond/jump.cgi?ID=1413">http://library.ust.hk/cgi-bin/beyond/jump.cgi?ID=1413</a>
31	<a href="#">SEC Filings &amp; Forms (EDGAR)</a>	Provided by the U.S. Securities & Exchange Commission, this database contains the electronic filings that corporations are required by law to make with the SEC. The filings include company annual reports and prospectuses, and other reports.	<a href="http://library.ust.hk/cgi-bin/beyond/jump.cgi?ID=312">http://library.ust.hk/cgi-bin/beyond/jump.cgi?ID=312</a>
32	<a href="#">USPTO Web Patent Databases</a>	Provided by the US Patent and Trademark Office, it contains full-text images of US patents from 1790 to present	<a href="http://library.ust.hk/cgi-bin/beyond/jump.cgi?ID=819">http://library.ust.hk/cgi-bin/beyond/jump.cgi?ID=819</a>
33	<a href="#">WorldCat</a>	This open access version of the WorldCat union catalog provides access to millions of bibliographic records contributed by thousands of OCLC member libraries worldwide. Books, journals, Internet resources and virtually any type of materials are included. It supports searching by keyword, title, author, ISBN and several limiting options, and provides links to the catalogs of the holding libraries.	<a href="http://library.ust.hk/cgi-bin/beyond/jump.cgi?ID=2416">http://library.ust.hk/cgi-bin/beyond/jump.cgi?ID=2416</a>