

Academic open access databases and search engines

S. no.	Name	Scope	Access	Description	Provider(s)
1	AGRIS: Agricultural database (Homepage) AGRIS: Agricultural database (Wikipedia)	Agriculture	Free	Covers agriculture, forestry, animal husbandry, aquatic sciences and fisheries, human nutrition, extension literature from over 100 participating countries. Material includes unique grey literature such as unpublished scientific and technical reports, theses, conference papers, government publications, and more.	Produced by the Food and Agriculture Organization of the United Nations . AGRIS
2	Analytical sciences digital library (Homepage) Analytical sciences digital library (Wikipedia)	Analytical chemistry	Free		National Science Digital Library and the Analytical Chemistry Division of the American Chemical Society ^[12]
3	Anthropological Index Online (Homepage) Anthropological Index Online (Wikipedia)	Anthropology	Free	Index only (no abstracts or full-text).	Royal Anthropological Institute ^[13]
4	Arachne (Homepage) Arachne (Wikipedia)	Archaeology , Art history	Free	German language	German Archaeological Institute & the University of Cologne ^[15]
5	Arnetminer (Homepage) Arnetminer (Wikipedia)	Computer Science	Free	Online service used to index and search academic social networks	Tsinghua University ^[16]
6	arXiv (Homepage) arXiv (Wikipedia)	Physics , Mathematics , Computer science , Nonlinear sciences , Quantitative biology and Statistics	Free	Repository of electronic pre-prints of papers in the fields of mathematics, physics, astronomy, computer science, quantitative biology, statistics, and quantitative finance.	Cornell University ^[18]
7	Astrophysics Data System (Homepage) Astrophysics Data System (Wikipedia)	Astrophysics , Geophysics , Physics	Free		Harvard University ^[20]
8	AULIMP: Air University Library's Index to Military Periodicals (Wikipedia)	Military Science	Free		Air University ^[22]

9	BASE: Bielefeld Academic Search Engine (Homepage) BASE: Bielefeld Academic Search Engine (Wikipedia)	Multidisciplinary	Free		Bielefeld University ^[23]
10	Bioinformatic Harvester (Wikipedia)	Biology, Bioinformatics	Free	A meta search engine for 50 major bioinformatic databases and projects.	Available from Liebel-Lab KIT Karlsruhe Institute of Technology
11	CHBD: Circumpolar Health Bibliographic Database (Homepage) CHBD: Circumpolar Health Bibliographic Database (Wikipedia)	Medicine	Free		University of Calgary ^[38]
12	ChemXSeer	Chemistry	Free		Pennsylvania State University ^[33]
13	Citebase Search (Homepage) Citebase Search (Wikipedia)	Mathematics, Computer science, Physics	Free	Semi-autonomous citation index of free online research	University of Southampton ^[39]
14	CiteSeer (Homepage) CiteSeer (Wikipedia)	Computer Science	Free	Replaced by CiteSeerX.	Pennsylvania State University ^[40]
15	CiteULike (Homepage) CiteULike (Wikipedia)	Computer science	Free		
16	CogPrints: Cognitive Sciences Eprint Archives (Homepage) CogPrints: Cognitive Sciences Eprint Archives (Wikipedia)	Science (General)	Free		University of Southampton ^[42]
17	dblp computer science bibliography (Homepage) dblp computer science bibliography (Wikipedia)	Computer science	Free	Comprehensive list of papers from major computer science conferences and journals	Produced by Schloss Dagstuhl - Leibniz Center for Informatics and University of Trier, Germany ^[50]
18	Directory of Open Access Journals (Homepage) Directory of Open Access Journals (Wikipedia)	Journals	Free	The Directory Of Open Access Journals (DOAJ) lists more than 10,000 open access journals (September 2014) in multiple research areas. ^[48]	Lund University ^[49]
19	EconBiz (Homepage) EconBiz (Wikipedia)		Free	EconBiz supports research in and teaching of economics with a central entry point for all kinds of subject-specific information and direct access to full texts.	Produced by the ZBW- German National Library of Economics– Leibniz Information Centre for Economics (ZBW) ^[51]

20	ERIC: Educational Resource Information Center (Homepage) ERIC: Educational Resource Information Center (Wikipedia)	Education	Free		Produced by the United States Department of Education . ^[55] Also available by subscription from OCLC , CSA .
21	FreeFullPDF	Multidisciplinary	Free	FreeFullPDF is a free search engine for downloading free full-text scholarly works, theses and patents.	FreeFulPDF ^[56]
22	GENESIS (Homepage) GENESIS (Wikipedia)	Women's history	Free	Descriptions of women's history collections from sources in the UK, as well as women's history websites.	London Metropolitan University ^[63]
23	Google Scholar (Homepage) Google Scholar (Wikipedia)	Multidisciplinary	Free		Google ^[66]
24	GoPubMed (Homepage) GoPubMed (Wikipedia))	Medicine	Free	GoPubMed, the first knowledge-based search engine for the life sciences industry.	Transinsight ^[67]
25	HubMed (Homepage) HubMed (Wikipedia)	Medicine	Free	An alternative interface to the PubMed medical literature database	Alf Eaton ^[68]
26	Index Copernicus (Homepage) Index Copernicus (Wikipedia)	Multidisciplinary science	Free	Scientific journal database – the IC Journal Master List – contains currently over 2,500 journals from all over the world, including 700 journals from Poland. The journals registered in this database underwent rigorous, multidimensional parameterization, proving high quality. The Ministry of Science and Higher Education acknowledged the IC Journal Master List by placing it on the list of scored databases, for being indexed in IC JML journals get additional points in the Ministry's evaluation process.[70]	Index Copernicus International ^[71]
27	Information Bridge: Department of Energy Scientific and Technical Information (Homepage) Information Bridge: Department of Energy Scientific and Technical Information (Wikipedia)	Multidisciplinary	Free	The Information Bridge: DOE Scientific and Technical Information provides free public access to over 266,000 full-text documents and bibliographic citations of Department of Energy (DOE) research report literature. Documents are primarily from 1991	United States Department of Energy, Office of Scientific and Technical Information ^[72]

				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.	
28	INSPIRE-HEP (Homepage) INSPIRE-HEP (Wikipedia)	Physics , (High Energy)	Free		CERN , DESY , Fermilab , SLAC and IHEP ^[129]
29	Jurn (Homepage) Jurn (Wikipedia)	Multidisciplinary	Free	Jurn is a free-to-use online search tool for finding and downloading free full-text scholarly works. In 2014 Jurn expanded beyond open access journals in the arts and humanities, to also index open journals in ecology, science, biomedical, business and economics. Jurn is actively curated and maintained.	Jurn ^[80]
30	Lingbuzz (Homepage) Lingbuzz (Wikipedia)	Linguistics	Free	A free archive of linguistics articles, with a focus on syntax, semantics, phonology and morphology.	Center for Advanced Study in Theoretical Linguistics , University of Tromsø ^[83]
31	MedlinePlus (Homepage) MedlinePlus (Wikipedia)	Medicine	Free		Produced by the United States National Library of Medicine , the United States National Institutes of Health , and the United States Department of Health and Human Services ^[85]
32	Mendeley (Homepage) Mendeley (Wikipedia)	Multidisciplinary	Free	The Mendeley research catalog is a crowdsourced database of research documents. Researchers have uploaded nearly 100M documents into the catalog with additional contributions coming directly from subject repositories like Pubmed Central and Arxiv.org or web crawls.	Mendeley ^[86]
33	Microsoft Academic Search (Homepage) Microsoft Academic Search (Wikipedia)	Multidisciplinary	Free	Provides many innovative ways to explore scientific papers, conferences, journals, and authors ^[91]	Microsoft
34	National Criminal Justice Reference Service ^[93] (Homepage) National Criminal Justice	Criminology, Sociology	Free	Abstracts of scholarly journal articles, agency and NGO reports, and conference	United States Department of Justice , Office of Justice Programs ^[94]

	Reference Service ^[93] (Wikipedia)			proceedings	
35	NBER: National Bureau of Economic Research (Homepage) NBER: National Bureau of Economic Research (Homepage)	Economics	Free		National Bureau of Economic Research ^[92]
36	OAlster (Homepage) OAlster (Wikipedia)	Multidisciplinary	Free		OCLC ^[96]
37	OpenSIGLE (Homepage) OpenSIGLE (Wikipedia)	Grey literature	Free		Institut de l'information scientifique et technique ^[97]
38	PhilPapers (Homepage) PhilPapers (Wikipedia)	Philosophy	Free		PhilPapers ^[99]
39	POPLINE (Homepage) POPLINE (Wikipedia)	Population, Family Planning, Reproductive Health	Free	POPLINE® contains the world's most comprehensive collection of population, family planning and related reproductive health and development literature. An international resource, POPLINE helps program managers, policy makers, and service providers in low- and middle-income countries and in development-supportive agencies and organizations gain access to journal articles and other scientific, technical, and programmatic publications.	Knowledge for Health, Center for Communication Programs, Johns Hopkins Bloomberg School of Public Health ^[100]
40	Psychology's Feminist Voices (Homepage) Psychology's Feminist Voices (Wikipedia)	Psychology	Free	An online, multimedia digital archive containing the profiles of 250 feminist psychologists who have shaped and continue to transform the discipline of psychology. Profiles are organized in two sections, "Women Past" and "Feminist Presence." All profiles on the Feminist Presence section contain original interview transcripts and video clips with the psychologist discussing their feminist development and academic career.	Based at York University , Toronto, Canada. ^[104]
41	PubChem (Home page)	Chemistry	Free		National Center for

	Pubchem (Wikipedia) Pubchem (Searchpage)				Biotechnology Information and the U.S. National Library of Medicine ^[105]
42	PubMed (Wikipedia) Pubmed (Home page)	Biomedical	Free	A database primarily of references and abstracts on life sciences and biomedical topics	National Institutes of Health and the U.S. National Library of Medicine ^[106]
43	PubPsych (Home page) PubPsych (Wikipedia)	Psychology	Free	It is a free IR system for psychological resources. It offers a comprehensive and balanced selection of resources from a growing number of international databases with a European focus, covering the needs of academic and professional psychologists.	Leibniz Institute for Psychology Information
44	re:search (Wikipedia)	Multidisciplinary	Free		re:search ^[111]
45	RePEc: Research Papers in Economics	Economics	Free		Volunteer Collaboration ^[110]
46	Retina medical search (Home page) Retina medical search (Wikipedia)	Biomedical	Free	Biomedical resources with special focus for medical professionals. searches among physician level standard documents eliminating patient level materials.	Retina medical search ^[112]
47	Russian Science Citation Index (Home page) Russian Science Citation Index (Wikipedia)	Scientific journals	Free	A bibliographic database of scientific publications in Russian.	Scientific Electronic Library ^[114]
48	SafetyLit (Home page) SafetyLit (Wikipedia)	Multidisciplinary	Free	Citations and abstracts of journal articles and reports from researchers working in the more than 35 distinct professional disciplines (architecture - zoology) relevant to preventing unintentional injuries, violence, and self-harm.	Graduate School of Public Health, San Diego State University ^[115] and the World Health Organization 's Department of Violence and Injury Prevention ^[116]
49	Scicademy.org (Wikipedia)	Science (General)	Free	Scicademy is an open source, student research database for high school and undergraduate students.	Scicademy
50	SciELO (Homepage) SciELO (Wikipedia)	Journals	Free	SciELO is a bibliographic database and a model for cooperative electronic publishing in developing countries	FAPESP , CNPq and BIREME

				originally from Brazil. It contains 985 scientific journals from different countries in free and universal access, full-text format.	
51	Science Accelerator (Wikipedia)	Multidisciplinary	Free	A gateway to results of DOE research and development and major R&D accomplishments of interest to DOE.	United States Department of Energy, Office of Scientific and Technical Information. ^[118]
52	Science.gov (Homepage) Science.gov (Wikipedia)	Multidisciplinary	Free	A gateway to government science information and research results. Science.gov provides a search of over 45 scientific databases and 200 million pages of science information with just one query, and is a gateway to over 2000 scientific Websites.	Science.gov Alliance, 18 scientific and technical organizations from 14 federal agencies that contribute to Science.gov. United States Department of Energy, Office of Scientific and Technical Information serves as the operating agent for Science.gov . ^[117]
53	Scientillion (Home page) Scientillion (Wikipedia)	Physics, Mathematics, Computer Science, Medicine	Free	Search engine for physics and quantitative science. Combining article databases like Pubmed, ArXiv.	Scientillion ^[120] and AussieEducator ^[121]
54	Scigine (Wikipedia)	Biology, Biochemistry, Medicine	Free	Search engine for Biology and Biochemistry methods.	Scigine ^[122]
55	SearchTeam (Home page) SearchTeam (Wikipedia)	Multidisciplinary	Free	Students search together collaboratively for scholarly articles and resources	Zakta ^[124]
56	Semantic Scholar (Wikipedia)	Computer science	Free	It is designed to quickly highlight the most important papers and identify the connections between them. It includes currently only computer science publications.	Allen Institute for Artificial Intelligence ^[125]
57	SSRN: Social Science Research Network (Homepage) SSRN: Social Science Research Network (Wikipedia)	Social science	Free	Part of Web of Science	Thomson Reuters ^[126]
58	INSPIRE-HEP (Homepage) INSPIRE-HEP (Wikipedia)	Physics, (High Energy)	Free		CERN , DESY , Fermilab , SLAC and IHEP ^[129]
59	VET-Bib (Homepage) VET-Bib (Wikipedia)	Social Science, Education	Free	European vocational education and training (VET) literature	European Centre for the Development of Vocational Training ^[132]
60		Multidisciplinary	Free	WWS is a	partnership, consists of

	WorldWideScience (Home) WorldWideScience (Wikipedia)	nary		<p>global science gateway composed of national and international scientific databases and portals. WWS accelerates scientific discovery and progress by providing one-stop searching of databases from around the world. Multilingual WWS provides real-time searching and translation of globally dispersed multilingual scientific literature.</p>	<p>participating member countries and provides the governance structure for WorldWideScience. United States Department of Energy, Office of Scientific and Technical Information serves as the operating agent for WorldWideScience.^[135]</p>
61	ERIC: Educational Resource Information Cente (Homepage) ERIC: Educational Resource Information Cente (Wikipedia)	Education	Free	<p>Education literature and resources. Provides access to over 1.3 million records dating back to 1966</p>	<p>Produced by the United States Department of Education.^[55] Also available by subscription from OCLC, CSA.</p>
62	The Collection of Computer Science Bibliographies (Homepage) The Collection of Computer Science Bibliographies (Wikipedi	Computer science	Free		<p>Alf-Christian Achilles^[43]</p>