

# Academic and Scholar Search Engines and Sources

## An Internet Annotated Link Dataset Compilation

By

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This Internet Annotated Link Dataset Compilation is dedicated to the latest and most competent academic and scholar search engines and sources. With the constant addition of new and pertinent information coming online every second it is very easy to go into information overload. The true key is to be able to find the important academic and scholarly information both in the visible and invisible world wide web. The following selected academic and scholar search engines and sources offer excellent information retrieval and extraction to help you accomplish your research goals!

### Academia.edu - Share Research

<http://www.academia.edu/>

Academia.edu is a platform for academics to share research papers. The company's mission is to accelerate the world's research. Academics use Academia.edu to share their research, monitor deep analytics around the impact of their research, and track the research of academics they follow. 4,939,245 academics have signed up to Academia.edu, adding 1,626,028 papers and 892,208 research interests. Academia.edu attracts over 5 million unique visitors a month.

### Academic Archive Online - DiVA

<http://www.diva-portal.se/index.xsql?lang=en>

In DiVA you can find theses, dissertations and other publications in full-text from a number of Nordic universities. The publications are stored in pdf which requires [Acrobat Reader](#) to open and print them. DiVA has been developed by the Electronic Publishing Centre at Uppsala university library.

### Academic Earth - Thousands of Video Lectures From the World's Top Scholars

<http://academicearth.org/>

Academic Earth is an organization founded with the goal of giving everyone on earth access to a world-class education. As more and more high quality educational content becomes available online for free, we ask ourselves, what are the real barriers to



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achieving a world class education? At Academic Earth, they are working to identify these barriers and find innovative ways to use technology to increase the ease of learning. They are building a user-friendly educational ecosystem that will give internet users around the world the ability to easily find, interact with, and learn from full video courses and lectures from the world's leading scholars.

### **Academic Index**

<http://www.academicindex.net/>

The Academic Index was created and is maintained by Dr. Michael Bell, former chair, Texas Association of School Librarians. The Academic Index is a true meta-search tool that includes results from mega-information databases that index only research-quality reference and information sources selected by professional librarians, educators, and educational and library consortia. At the present time the Academic Index provides access to approximately 137,000 quality information web pages.

### **Academic Info**

<http://www.AcademicInfo.net/>

A comprehensive searchable database of academic subject gateways and information as well as an educational subject directory.

### **Academic Torrents**

<http://academictorrents.com/>

Sharing data is hard. Emails have size limits, and setting up servers is too much work. They have designed a distributed system for sharing enormous datasets - for researchers, by researchers. The result is a scalable, secure, and fault-tolerant repository for data, with blazing fast download speeds. Currently making 1.68TB of research data available.

### **AcaWiki - Democratization of Academic Knowledge**

<http://acawiki.org/>

AcaWiki offers a web 2.0 way of interacting with the public to increase impact. Research often languishes in academic journals, perhaps read only a few times by infrequent visitors. AcaWiki allows scholars to increase the impact of their research by enabling them to share summaries, long abstracts and literature reviews of their peer-reviewed work online.

### **AgEcon Search: Research in Agricultural and Applied Economics**

<http://agecon.lib.umn.edu/>

AgEcon Search collects, indexes, and electronically distributes full text copies of scholarly research in the broadly defined field of agricultural economics including sub disciplines such as agribusiness, food supply, natural resource economics, environmental economics, policy issues, agricultural trade, and economic development.



### **American Doctoral Dissertations 1933 - 1955**

<http://www.opendissertations.com/>

American Doctoral Dissertations, 1933-1955 is a free research database providing access to the only comprehensive record of dissertations accepted by American universities during that time period, the print index Doctoral Dissertations Accepted by American Universities. Containing nearly 100,000 citations, American Doctoral Dissertations, 1933-1955, provides full page images of the original print index, and may be searched by author, title, subject and university. Doctoral Dissertations Accepted by American Universities was an index compiled annually for the National Research Council and The American Council of Learned Societies by the Association of Research Libraries

### **AmericanSouth.org**

<http://www.AmericanSouth.org/>

Free comprehensive scholarly discovery service for research materials related to the cultures and histories of the American South. Also a newly created project that should be followed is <http://www.MetaArchive.org/>

### **AQR Data Sets**

<https://www.aqr.com/library/data-sets>

Simulated returns from academic articles (or working papers) by researchers associated with AQR. Some series are excess returns of long-only portfolios, others are return premia of long/short portfolios. Other than the original paper data sets, which are static, data will be updated monthly.

### **Archive Finder**

<http://archives.chadwyck.com/marketing/index.jsp>

Archive Finder brings together ArchivesUSA and the cumulative index to the National Inventory of Documentary Sources in the UK and Ireland (NIDS UK/Ireland), previously available on CD-ROM. ArchivesUSA is a current directory of over 5,500 repositories and more than 161,000 collections of primary source material across the United States.

### **ArchiveGrid - Connects You To Primary Source Documents and Papers Around the World**

<http://beta.worldcat.org/archivegrid/>

ArchiveGrid connects you with primary source material held in archives, special collections, and manuscript collections around the world. You will find historical documents, personal papers, family histories, and more. ArchiveGrid also helps researchers contact archives to request information, arrange a visit, and order copies. ArchiveGrid includes collection descriptions from WorldCat bibliographic records and from finding aid



### **ArchiveGrid - Historical Archives from Throughout the World**

<http://www.archivegrid.org/web/index.jsp>

ArchiveGrid is an important destination for searching through historical documents, personal papers, and family histories held in archives around the world. Thousands of libraries, museums, and archives have contributed nearly a million collection descriptions to ArchiveGrid. Researchers searching ArchiveGrid can learn about the many items in each of these collections, contact archives to arrange a visit to examine materials, and order copies.

### **ArchivesHub - At the Center of Great Research**

<http://archiveshub.ac.uk/>

Use the Archives Hub to find unique sources for your research. Search across descriptions of archives from over 1,000 years of history, held at over 300 institutions across the UK. The Archives Hub is a free service describing physical and digitized collections held in higher education, specialist, local authority, business and other research archives. It is updated every week with new content.

### **Archives Portal Europe**

<http://www.archivesportaleurope.eu/>

The Archives Portal Europe is one of the main milestones achieved by the participants of the APENet project supported by the European Commission in the eContentplus programme. The project's consortium currently consists of twelve national archives and national archives administrations, all of which are already represented within the Archives Portal Europe with parts of their archival material available to search online, as well as with additional information on the institutions themselves.

### **Article City**

<http://www.articlecity.com/>

ArticleCity.com - your one-stop source for free articles. Do you need contents to add to your web site? Or articles for use on your opt-in newsletters and e-zines? ArticleCity has scoured the web and indexed a huge collection of articles on various subjects. Just click on the appropriate category to read the articles.

### **Article@INIST Search – INIST Catalog of Articles and Monographs**

<http://services.inist.fr/public/eng/conslt.htm>

Article@INIST allows you to search for documents (Journal articles, Journal issues, Books, Reports or Conferences, doctoral dissertations) in our catalog at the Institut de l'Information Scientifique et Technique. If it's your first visit or if you don't know the document type you are searching for, choose Easy search. Otherwise, choose Expert search.



### **arXiv.org Search**

<http://arxiv.org/multi?group=cs&%2Ffind=Search>

arXiv is an e-print service in the fields of physics, mathematics, non-linear science, computer science, and quantitative biology. The contents of arXiv conform to Cornell University academic standards. arXiv is owned, operated and funded by Cornell University, a private not-for-profit educational institution. arXiv is also partially funded by the National Science Foundation. Included are hints for more fulfilling searches.

### **Asia-Studies Full-Text Online**

<http://www.asia-studies.com/>

Asia-Studies Full-Text Online is the premier database for the study of modern Asia-Pacific. As the exclusive licensee for the region's most prestigious research institutions, Asia-Studies.com brings together thousands of full-text reports covering 55 countries\* on a multitude of business, government, economic, and social issues. Examples of specific subject coverage include finance, trade, environment, human resources development, best practices in government, fisheries, tourism, education and women's studies, to name a few. The average study is 50 pages long, and contains statistics, research, analysis, and forecasts. Most contain statistical tables, charts, and/or graphs. Country coverage includes all of Asia, Australia/New Zealand, the Americas Pacific Rim countries, and Pacific islands.

### **Athenus – Engineering Science and Search**

<http://www.athenus.com/>

Athenus.com is the search engine of choice for scientists and engineers seeking resources in science and engineering on the web. The Athenus search engine indexes hundreds of thousands of subject-specific web sites, publications, news and other resources, providing users with the most current, most focused collection of topic-specific material on the Internet.

### **AuseSearch - Searches Australian Open Access Research Repositories**

<http://www.google.com/coop/cse?cx=012189697858739272261:yyyqychcumo>

Searches all open access research repositories in Australia listed in Kennan & Kingsley (First Monday Feb 2009), in other words all full-text research articles and (if available) theses from repositories that responded to their survey. Created and maintained by Arthur Sale.

### **Australasian Digital Theses Program**

<http://adt.caul.edu.au/>

Database of digital theses from more than 30 Australian universities. Documents are in PDF format, and can be browsed by institution, author, title, or searched. Site also links to local pages for each participating university.



### **Australian Journals Online**

<http://www.nla.gov.au/ajol/>

AJOL is the National Library of Australia's database of Australian electronic journals, newspapers, magazines, webzines, newsletters and e-mail fanzines. The searchable database provides details and links to over 2000 titles that include local and overseas works with Australian content, authorship and/or emphasis as well as entries for sites which advertise or promote Australian journals.

### **BASE - Bielefeld Academic Search Engine**

<http://www.base-search.net/>

BASE is one of the world's most voluminous search engines especially for academic open access web resources. BASE is operated by Bielefeld University Library. As the open access movement grows and prospers, more and more repository servers come into being which use the "Open Archives Initiative Protocol for Metadata Harvesting" (OAI-PMH) for providing their contents. BASE collects, normalises, and indexes these data. BASE provides more than 50 million documents from more than 2,700 sources. You can access the full texts of about 75% of the indexed documents. The Index is continuously enhanced by integrating further OAI sources as well as local sources. Our OAI-PMH Blog communicates information related to harvesting and aggregating activities performed for BASE. BASE is a registered OAI service provider and contributed to the European project "Digital Repository Infrastructure Vision for European Research" (DRIVER). Database managers can integrate the BASE index into your own local infrastructure (e.g. meta search engines, library catalogues) via an interface. In comparison to commercial search engines, BASE is characterized by the following features: a) Intellectually selected resources; b) Only document servers that comply with the specific requirements of academic quality and relevance are included; c) A data resources inventory provides transparency in the searches; d) Discloses web resources of the "Deep Web", which are ignored by commercial search engines or get lost in the vast quantity of hits.; e) The display of search results includes precise bibliographic data; f) Several options for sorting the result list; g) "Refine your search result" options (by author, subject, DDC, year of publication, collection, language and document type); and h) Browsing by DDC (Dewey Decimal Classification) and document type.

### **Behavioral and Brain Sciences (BBS)**

<http://www.bbsonline.org/>

BBS publishes important and controversial interdisciplinary articles in psychology, neuroscience, behavioral biology, cognitive science, artificial intelligence, linguistics and philosophy. Articles are rigorously refereed and, if accepted, are circulated to a large number of potential commentators around the world in the various specialties on which the article impinges. Their 1000-word commentaries are then co-published with the target article as well as the author's response to each. The commentaries consist of analyses,

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elaborations, complementary and supplementary data and theory, criticisms and cross-specialty syntheses.

### **Beyond Citation**

<http://www.beyondcitation.org>

Researchers, students, and instructors use academic databases to find scholarship on topics of interest. Yet it is difficult to get information about how these databases work and what materials are included in - or left out of - them. In response to this challenge, a group of students in a Digital Praxis Seminar at the City University of New York (CUNY) created Beyond Citation, a website dedicated to providing the public with information and analysis about major academic search engines. As of this writing, Beyond Citation features explorations of thirteen major databases, including Google Books, Project MUSE, HathiTrust Digital Library, JSTOR, and ProQuest Historical Newspapers. Each database record includes an Overview outlining what the database contains, available Reviews of each database, and information about Access. In addition, readers will also find a useful Conversations feature, which offers links to outside analysis and criticism about the selected database. Beyond Citation not only helps researchers critically evaluate databases, but also teaches researchers how to use these databases most effectively.

### **Bioline International**

<http://www.bioline.org.br/>

Bioline International is currently working with publishers and editors to promote the provision of journal material on an open-access basis. The website now features more than fifteen journals that are all available in full-text, HTML format, absolutely free. Over upcoming months, Bioline will be working with existing and new publishers, hoping to increase the volume of quality scientific material that will be offered free of charge over the Bioline system. In addition to peer reviewed journals, Bioline provides a range of other material of interest to bioscientists (reports, books, technical documents, conference proceedings and newsletters). All material relates to such disciplines as biotechnology, biodiversity, environmental and ecological sciences, food/agriculture/veterinary science, medicine, microbiology and taxonomy.

### **BioMedLib Search Engine**

<http://bmlsearch.com/>

BioMedLib™ Search Engine takes your query and finds the best responses among millions of biomedical articles in the National Library of Medicine's MEDLINE® database.



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### **BioMedSearch - Biomedical Search Engine**

<http://www.biomedsearch.com/>

BioMedSearch is a biomedical search engine that contains NIH/PubMed documents, plus a large collection of theses, dissertations, and other publications not found anywhere else for free, making it the most comprehensive free search on the web. BioMedSearch also provides advanced account features that allow saved searches, alerts, saving documents to portfolios, commenting on documents and portfolios, and sharing documents with other registered users. Registering for BioMedSearch is free. Enhancing BioMedSearch further is an ongoing project.

### **bioRxiv - The Preprint Server for Biology**

<http://biorxiv.org/>

bioRxiv (pronounced "bio-archive") is a free online archive and distribution service for unpublished preprints in the life sciences. It is operated by Cold Spring Harbor Laboratory, a not-for-profit research and educational institution. By posting preprints on bioRxiv, authors are able to make their findings immediately available to the scientific community and receive feedback on draft manuscripts before they are submitted to journals.

### **BlogScholar - Academic Blogging Portal and Directory**

<http://www.blogscholar.com/>

This website is intended to be useful to you if: a) You are an academic who blogs; b) You are an academic who is thinking about blogging; c) You want to know who else out there is participating; and d) You want to stay tuned in with the issues and challenges of academic blogging and research. Sections include: 1) Blog Directory of Scholar Blogs, 2) Storyfinder, 3) Latest News, and 4) News Archive.

### **BPubs.com - The Business Publications Search Engine**

<http://www.bpubs.com/>

BPubs.com is a directory based Internet search engine that strives to cover the topic of Business Publications. By eliminating the noise of "homepages, index pages, and other extraneous web site components", our users are able to extract what they truly searching for – content.

### **Catalog of U.S. Government Publications (CGP)**

<http://catalog.gpo.gov/>

Catalog of U.S. Government Publications (CGP) is the finding tool for federal publications that includes descriptive records for historical and current publications and provides direct links to those that are available online. Users can search by authoring agency, title, subject, and general key word, or click on "Advanced Search" for more options. The catalog offers you the option to find a nearby Federal Depository Library





that has a particular publication or that can provide expert assistance in finding and using related U.S. government information.

### **Center for International Collections Databank**

<http://cicdatabank.library.ohiou.edu/opac/index.php>

The Ohio University Libraries Center for International Collections Databank includes the following fully searchable resources: a) Berita Database - Publications on Malaysia, Singapore and Brunei; b) Database for Overseas Chinese Newspapers and Journals; c) Distribution of the Ethnic Chinese Population around the World; d) Films Database; e) Database for Publications on Overseas Chinese; f) Database on Scholars and Librarians in Chinese Overseas Studies; g) Davis K. Wyatt Thai Database; and h) East Asian Scholars Database.

### **CERN Document Server (CDS)**

<http://cdsweb.cern.ch/>

Over 650,000 bibliographic records, including 320,000 fulltext documents, of interest to people working in particle physics and related areas. Covers preprints, articles, books, journals, photographs, and much more.

### **ChemRefer - Search Engine for Chemical and Pharmaceutical Literature**

<http://www.chemrefer.com/>

Search engine for fulltext open access chemical and pharmaceutical literature. Features basic and advanced search options, an integrated chemical structure drawing and search tool, downloadable toolbar, customized RSS feeds, and newsletter. Search results link directly to fulltext.

### **ChemSpider**

<http://www.chemspider.com/>

This astonishingly powerful, award-winning database from The Royal Society of Chemistry provides fast access to over 30 million chemical structures and properties, as well as nearly unlimited links and related information. For a quick introduction, go to the About page and watch the ten-minute introductory video. Then start searching! Simple searches expedite your exploration when you enter the trade name, synonym, or systematic name of the compound you wish to find. Conversely, you can input by Structure, with an innovative Edit Molecule function. Lastly, Advanced searches allow you to combine methods. In addition, the ChemSpider blog boasts frequent entries about the site and the field at large.



### **ChemxSeer Project**

<http://chemxseer.ist.psu.edu/>

ChemxSeer is an integrated digital library and database allowing for intelligent search of documents in the chemistry domain and data obtained from chemical kinetics. Currently, we have designed and implemented the following: a) Chemical Entity Search, b) TableSeer, and c) Databases.

### **Chorus - Clearinghouse for the Open Research of the United States**

<http://www.chorusaccess.org/>

CHORUS serves as an information bridge, supporting agency search portals and leveraging publishers' existing infrastructure to facilitate a simple compliance process, optimized search and dashboard services, and multi-party archiving and preservation capabilities. The search service enables users to discover articles reporting on funded research. The dashboards are used by funders, institutions, researchers, publishers, and the public for monitoring and tracking public-access compliance for articles reporting on funded research.

### **CIA FOIA - Electronic Reading Room - Search Options**

[http://www.foia.cia.gov/search\\_options.asp](http://www.foia.cia.gov/search_options.asp)

The CIA has established this site to provide the public with an overview of access to CIA information, including electronic access to previously released documents. Because of CIA's need to comply with the national security laws of the United States, some documents or parts of documents cannot be released to the public. In particular, the CIA, like other U.S. intelligence agencies, has the responsibility to protect intelligence sources and methods from disclosure. However, a substantial amount of CIA information has been and/or can be released following review. See "Your Rights" for further details on the various methods of obtaining this information.

### **Citelighter - Your Own Personal Academic Research Tool**

<http://www.citelighter.com/>

Citelighter is an easy-to-use academic research tool that utilizes a community of students to help you find valuable content, automatically cite sources, and provide an organizational framework for writing your papers. Citelighter saves, organizes, and cites information for you while you research so you don't have to.

### **CiteSeer – Scientific Literature Digital Library**

<http://citeseer.ist.psu.edu/>

CiteSeer is a scientific literature digital library that aims to improve the dissemination and feedback of scientific literature, and to provide improvements in functionality, usability, availability, cost, comprehensiveness, efficiency, and timeliness.



## **CiteSeerX alpha - Scientific Literature Digital Library and Search Engine**

<http://citeseerx.ist.psu.edu/>

CiteSeerX is a scientific literature digital library and search engine that focuses primarily on the literature in computer and information science. CiteSeerX 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. Rather than creating just another digital library, CiteSeerX attempts to provide resources such as algorithms, data, metadata, services, techniques, and software that can be used to promote other digital libraries. CiteSeerX has developed new methods and algorithms to index PostScript and PDF research articles on the Web.

## **Citidel**

<http://www.citidel.org/>

A consortium led by Hofstra University, The College of New Jersey, The Pennsylvania State University, Villanova University, and Virginia Tech proposes to build CITIDEL as part of the Collections Track activities in the National SMETE (Science, Mathematics, Engineering, and Technology Education) Digital Library ( NSDL). In particular, they will establish, operate, and maintain a part of the NSDL that will serve the computing education community in all its diversity and at all levels.this will include computer science, information systems, information science, software engineering, computer engineering, and all other variations of title and substance in these and related fields.

## **Clinical Medicine and Health Research Netprints**

<http://clinmed.netprints.org/home.dtl>

A repository of non-peer reviewed original research. Articles posted on this site have not yet been accepted for publication by a peer reviewed journal. They are presented here mainly for the benefit of fellow healthcare researchers.

## **Cogprints Search**

<http://cogprints.ecs.soton.ac.uk/perl/search/simple>

CogPrints, an electronic archive for self-archive papers in any area of Psychology, neuroscience, and Linguistics, and many areas of Computer Science (e.g., artificial intelligence, robotics, vision, learning, speech, neural networks), Philosophy (e.g., mind, language, knowledge, science, logic), Biology (e.g., ethology, behavioral ecology, sociobiology, behaviour genetics, evolutionary theory), Medicine (e.g., Psychiatry, Neurology, human genetics, Imaging), Anthropology (e.g., primatology, cognitive ethnology, archeology, paleontology), as well as any other portions of the physical, social and mathematical sciences that are pertinent to the study of cognition.



## **CompletePlanet - Discover Over 70,000+ Databases and Specially Search Engines**

<http://www.CompletePlanet.com/>

A comprehensive listing of dynamic searchable databases. Find databases with highly relevant documents that cannot be crawled or indexed by surface web search engines.

## **Computing Research Repository (CoRR)**

<http://arxiv.org/corr/home>

Computing Research Repository (CoRR), sponsored by ACM, the arXiv.org e-Print archive, NCSTRL (Networked Computer Science Technical Reference Library), and AAI. CoRR allows researchers to search, browse and download papers through its online repository. CoRR is available to all members of the community at no charge.

## **Copac - Search c.90 UK and Irish Academic, National & Specialist Library Catalogues**

<http://copac.jisc.ac.uk/>

Copac exposes rare and unique research material by bringing together the catalogues of c.90 major UK and Irish libraries (and growing). In a single search you can discover the holdings of the UK's national libraries (including the British Library), many University libraries, and specialist research libraries. Researchers and educators use Copac to save time in their research, to quickly and easily discover and locate resources, to check document details, review materials in their field, and assess the rarity of materials etc. Information professionals trust Copac to give them access to a unique pool of high-quality bibliographic information. Searching Copac means you are searching a wide and varied range of library catalogues, from the collections of the Oxford and Cambridge universities to the libraries at the National Trust and the Royal Botanic Gardens Kew.

## **(CO)nnecting REpositories Search Over 24 Million Open Access Scholarly Papers**

<http://core.ac.uk/>

The mission of CORE (CO)nnecting REpositories is to aggregate all open access research outputs from repositories and journals worldwide and make them available to the public. In this way CORE facilitates free unrestricted access to research for all. CORE harvests openly accessible content available according to the definition. CORE aims to facilitate free access and reuse of open access research outputs distributed across many systems. They provide services for different stakeholders including academics and researchers, repository managers, funders and developers.

## **CORE - Aggregating the World's Open Access Research Papers**

<https://core.ac.uk/search/>

Search 36,093,539 Open Access Articles. They offer seamless access to millions of open access research papers, enrich the collected data for text-mining and provide unique services to the research community.



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### **Credo General Reference**

<http://www.credoreference.com/home.do>

Credo General Reference is a completely customizable online reference solution for learners and librarians. Offering 534 highly-regarded titles from over 70 publishers, Credo General Reference covers every major subject from the world's best publishers of reference.

### **CS-Structure Academic Search**

<http://cs-structure.inr.ac.ru/>

CS-Structure is a new service for searching papers in CiteSeer database. Its user can start without knowing what to put in the search request. Among the features of this service are: a) Automated generation of hierarchical classification scheme for the papers. The scheme results from classification of the papers from the CiteSeer database. The EqRank algorithm did the classification. The only input for the classification is the citation graph. The number of the levels in the hierarchy and the number of the clusters is determined by the algorithm.

### **DART-Europe E-Theses Portal**

<http://www.dart-europe.eu/>

DART-Europe is a partnership of research libraries and library consortia who are working together to improve global access to European research theses. DART-Europe is endorsed by LIBER (Ligue des Bibliothèques Européennes de Recherche), and it is the European Working Group of the Networked Digital Library of Theses and Dissertations (NDLTD). The DART-Europe partners help to provide researchers with a single European Portal for the discovery of Electronic Theses and Dissertations (ETDs), and they participate in advocacy to influence future European e-theses developments.

### **DataSearch - Prototype Research Data Engine**

<https://datasearch.elsevier.com/>

DataSearch is a prototype research data search engine, developed by Elsevier's Research Data Management team. They are interested in exploring what a search engine for research data would look like (as opposed to a web search engine or a document search engine), and are talking with users and data providers about their needs and interests. They are indexing images, tables and supplementary data from (Elsevier or Open Access) content sources, and are considering these to be research data components. They are also indexing a series of domain-specific repositories, as well as non-domain specific ones. As of June 2016, they are (completely or partially) indexing the following content sources: a) Tables, figures and supplementary data associated with papers in ScienceDirect, arXiv and PubMed Central; and b) NeuroElectro, Dryad, PetDB, ICPSR, Harvard Dataverse and ThermoML at NIST Thermodynamic Research Center (TRC).



### **David Rumsey Historical Map Collection**

<http://www.davidrumsey.com/view.html>

The collection is available over the World Wide Web using a standard Web browser such as Internet Explorer or Netscape. This Insight® Browser format has been designed for the general public. The Insight® Java client has been designed for the researcher and those desiring advanced software functionality. In order to view the Collection using the Insight® Java client, special software must be downloaded. For new users, the Insight™ Browser version is recommended.

### **Deep Life**

<https://gate.d5.mpi-inf.mpg.de/deeplife/en-health/>

Entity-Aware Search, Analytics and Exploration for Health and Life Sciences. This excellent resource has been created and updated by Max Planck Institut Informatik.

### **Deep Web Research and Discovery Resources 2017 Subject Tracer™ Information Blog**

<http://zillman.blogspot.com/2017/01/llrx-deep-web-research-and-discovery.html>

<http://www.DeepWeb.us/>

A Subject Tracer™ Information Blog developed and created by Internet expert, author, keynote speaker and consultant Marcus P. Zillman, M.S., A.M.H.A. for monitoring deep web research resources and sites on the Internet.

### **Defense Technical Information Center**

<http://www.dtic.mil/dtic/search/tr/tr.html>

The Defense Technical Information Center (DTIC®) is the premier provider of DoD technical information. DTIC serves as a vital link in the transfer of information among DoD personnel, DoD contractors and potential contractors and other U.S. Government agency personnel and their contractors. DTIC is a DoD Field Activity under the Under Secretary of Defense for Acquisition, Technology and Logistics, reporting to the Director, Defense Research & Engineering (DDR&E).

### **Digital Commons Network™ - Open Access Powered By Scholars Published by Universities**

<http://network.bepress.com/>

The Digital Commons Network brings together free, full-text scholarly articles from hundreds of universities and colleges worldwide. Curated by university librarians and their supporting institutions, the Network includes a growing collection of peer-reviewed journal articles, book chapters, dissertations, working papers, conference proceedings, and other original scholarly work.



### **Digital Library for Earth System Education (DLESE)**

<http://www.dlese.org/>

DLESE supports Earth system science education by providing access to high-quality collections of educational resources and access to Earth data sets and imagery including the tools and interfaces that enable their effective use in educational settings. DLESE resources include electronic materials for both teachers and learners, such as lesson plans, maps, images, data sets, visualizations, assessment activities, curriculum, online courses, and much more.

### **Digital Library of the Commons (DLC)**

<http://dlc.dlib.indiana.edu/>

The Digital Library of the Commons (DLC) provides free access to an archive of international literature on the commons, common-pool resources and common property. Features for authors and readers include advanced searching; browsing by region, sector, and author name; an author submission portal for uploading a variety of document formats; and a service that uses email to alert subscribers to new documents in their area of interest.

### **Directory of Open Access Journals (DOAJ)**

<http://www.doaj.org/>

This service covers free, full text, quality controlled scientific and scholarly journals. We aim to cover all subjects and languages. There are now 1373 journals in the directory. Currently 336 journals are searchable on article level. As of today 61463 articles are included in the DOAJ service.

### **Discovery Hub - Exploratory Search Engine Built Upon Wikipedia**

<http://discoveryhub.co/>

Discovery Hub is an exploratory search engine built on top of the famous encyclopedia on the web, Wikipedia. The exploratory search is a new way to search the web, not to find what you are searching, but to find what you are not searching, and might be interesting for you ! It allows performing queries in an innovative way and helps you to navigate rich results. As a hub, it proposes redirections to others platforms to make you benefit from your discoveries (Youtube, Deezer and more).

### **Dissertation Reviews**

<http://dissertationreviews.org>

Doctoral dissertations include innovative scholarship, new topics of inquiry, and fresh approaches to longstanding topics in any academic discipline. However, most dissertations do not become available to the general public until the author is able to convert their dissertation into a book manuscript. Dissertation Reviews is designed to "offer readers a glimpse of each discipline's immediate present by focusing on the





window of time between dissertation defense and first book publication." On this site, visitors can read reviews of over 1,000 dissertations in the humanities and social science fields from around the globe. In each review, an early career scholar in the field outlines the dissertator's main argument and sources and discusses how the dissertation fits into the field's existing body of scholarship. Visitors to this website can search for dissertation by institution or academic subject.

### **Distributed Search Engines**

<http://www.openp2p.com/pub/t/74>

A comprehensive listing of the most relevant distributed search engines on the Internet. An excellent starting point for advanced distributed searching with the latest search bots.

### **DOE Data Explorer (DDE)**

<http://www.osti.gov/dataexplorer/>

Use the DOE Data Explorer (DDE) to find scientific research data - such as computer simulations, numeric data files, figures and plots, interactive maps, multimedia, and scientific images - generated in the course of DOE-sponsored research in various science disciplines. The DOE Data Explorer provides access both to collections and to individual datasets that have been submitted to OSTI by their creator, by a DOE National Laboratory, or by a DOE Data Center. OSTI became a member of and a registering agency for DataCite in 2011 and now assigns Digital Object Identifiers to individual datasets.

### **DOE Green Energy**

<http://www.osti.gov/greenenergy>

Green energy-related research and development (R&D) results are now more easily accessible through a new online portal, DOE Green Energy. The free public portal was launched on the 40th Anniversary of Earth Day by the U.S. Department of Energy(DOE) Office of Scientific and Technical Information(OSTI) within the Office of Science. The site is designed to ease access to green energy R&D information for use by researchers, scientists, educators, students and the general public. Researchers can use the DOE Green Energy portal to speed scientific discovery and innovation; business and industry can use the R&D to stimulate economic growth related to renewable energy. Educators, students, and the public can discover applications of renewable energy science and energy efficiency best practices. The portal provides technical documents from thousands of R&D projects conducted at DOE National Laboratories and by DOE-funded awards at universities.

### **DPLA Hub Model - Content and Service Hubs**

<http://dp.la/info/hubs/>

The DPLA hubs model is establishing a national network out of the over forty



state/regional digital libraries and myriad large digital libraries in the US, bringing together digitized and born-digital content from across the country into a single access point for end users, and an open platform for developers. The model supports or establishes local collaborations, professional networks, metadata globalization, and long-term sustainability. It ensures that even the smallest institutions have an on-ramp to participation in DPLA. DPLA content hubs are large libraries, museums, archives, or other digital repositories that maintain a one-to-one relationship with the DPLA. Content hubs, as a general rule, provide more than 200,000 unique metadata records that resolve to digital objects (online texts, photographs, manuscript material, art work, etc.) to the DPLA, and commit to maintaining and enhancing those records as needed. DPLA service hubs are state, regional, or other collaborations that host, aggregate, or otherwise bring together digital objects from libraries, archives, museums, and other cultural heritage institutions.

### **EAGLE-I - Search Top Categories From 100,800 Biomedical Resources**

<https://www.eagle-i.net/>

eagle-i is a resource discovery tool built to facilitate translational science research. Groundbreaking biomedical research requires access to cutting edge scientific resources, but those resources are often invisible beyond the laboratories or universities where they were developed. Using eagle-i's free software, you can collect and share information about your research resources, giving any scientist, anywhere, access to one of the largest collections of information about Core Facilities, iPS cell lines, and other valuable, unique or rare scientific resources in the world. FOR RESEARCHERS: Query multiple institutions, connect with other researchers, share or request resources.

### **EDGAR - Search Tools**

<http://www.sec.gov/edgar/searchedgar/webusers.htm>

Free access to more than 20 million filings. Since 1934, the SEC has required disclosure in forms and documents. In 1984, EDGAR began collecting electronic documents to help investors get information. The SEC's new system requires data disclosure — the next step to improve how investors find and use information.

### **EEVL Xtra**

<http://www.eevlxtra.ac.uk/>

EEVL Xtra cross-searches 20 databases featuring content from 50 publishers, and facilitates access to articles, books, websites, eprints, industry news, job announcements, the latest research, technical reports and data, and more, in engineering, mathematics and computing. Essentially, its a deep-mining, subject-based meta search service of quality resources. Its a free service, and is an initiative of Heriot Watt University.



### **eFinancialBot 2017 Meta Search Engine**

<http://www.eFinancialBot.com/>

eFinancialBot is a freely available custom meta search engine designed using over 72 global financial specialty search engines and sources from throughout the Internet combined and powered by Google technology and resources from the Virtual Private Library.

### **eGreenBot.com - Green Resources Search Engine**

<http://www.eGreenBot.com/>

eGreenBot.com is your search engine for Green Resources Online and a Google powered metasearch engine created by the [Virtual Private Library™](#). It is designed to bring together the latest metasearch engines and directories for Green Resources on an ongoing basis from the Internet. Currently eGreenBot.com searches over 93 selected online environmental and green meta search engines and sources simultaneously from the Internet.

### **eHealthcareBot.com – 2017 Search Engine for Healthcare Resources**

<http://www.eHealthcareBot.com/>

eHealthcareBot.com is your 2017 search engine for healthcare resources and a Google powered metasearch engine created by the [Virtual Private Library™](#). It is designed to bring together the latest metasearch engines for healthcare on an ongoing basis from the Internet. Currently eHealthcareBot searches over 147 selected healthcare search engines from the Internet with many of them listed in the search engine section of [Healthcare Online Resources 2017](#).

### **Eigenfactor.org - Ranking and Mapping Scientific Knowledge**

<http://www.eigenfactor.org/>

Eigenfactor ranks journals much as Google ranks websites. Scholarly references join journals together in a vast network of citations. Eigenfactor uses the structure of the entire network (instead of purely local citation information) to evaluate the importance of each journal. Eigenfactor contains 115,000 reference items. Eigenfactor not only ranks scholarly journals in the natural and social sciences, but also lists newsprint, PhD theses, popular magazines and more.

### **Electronic Environmental Resources Library (eERL) - Environmental and Energy Resources Library**

<http://www.eerl.org/>

The Electronic Environmental Resources Library (eERL), an Advanced Technology Environmental Education Center (ATEEC) project, is a multi-faceted clearing house of valuable electronic resources. eERL is supported by a National Science Foundation (NSF) grant. This electronic library collects STEM (Science, Technology, Engineering,



and Math) resources tied to environmental science and technology resource information- from classroom-ready materials to regulatory information and global environmental issues. Some of the areas include: air quality, emergency preparedness and response, energy, natural resources management, safety and health, and sustainability. Vocational areas are covered also, from agriculture, automotive, and green building to manufacturing technology. eERL's team of expert community college educators and practitioners evaluate and recommend valid, up-to-date content.

### **Elephind.com - Search the World's Historical Newspaper Archives**

<https://www.elephind.com/>

The goal of Elephind.com is to make it possible to search all the world's online historic newspapers from one place. They aren't there yet, but we are adding more newspapers every day. With Elephind.com it is now possible for family historians, genealogists, and researchers to search historic digitized newspaper archives from around the globe. Elephind.com is much like Google, Bing, or other search engines but is focused on only historical, digitized newspapers. It enables you to search, for free, across many newspaper sites simultaneously, rather than having to visit each site separately.

### **e-Lis - ePrints in Library and Information Science**

<http://eprints.rclis.org/>

Established in 2003, E-LIS is an international Open Archive for Library and Information Science (LIS). E-LIS has grown to include a team of volunteer editors and support for 22 languages. The development of an international LIS network has been stimulated by the extension of the OA concept to LIS works and facilitated by the dissemination of material within the LIS community. These are some of the reasons for the success of E-LIS. In a few years, E-LIS has been established as the largest international open repository in the field of library and information science

### **eMarketingBot 2017 Meta Search Engine**

<http://www.eMarketingBot.com/>

eMarketingBot is a freely available custom meta search engine designed using over 39 global marketing specialty search engines and sources from throughout the Internet combined and powered by Google technology and resources from the Virtual Private Library.

### **Energy Files**

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

At this site you will find over 500 databases and Web sites containing information and resources pertaining to science and technology of interest to the Department of Energy, with an emphasis on the physical sciences. Sponsored, developed, and maintained by the Department of Energy's Office of Scientific and Technical Information (OSTI),



EnergyFiles combines information, tools, and technologies to facilitate access to and use of scientific resources.

### **Engineering Village 2**

<http://www.engineeringvillage2.org/>

Engineering Village 2 is the premier web-based discovery platform meeting the information needs of the engineering community. By coupling powerful search tools, an intuitive user interface and essential content sources, Engineering Village 2 has become the globally accepted source of choice for engineers, engineering students, researchers and information professionals. Also they have recently added RSS Feeds and Faceted Searching.

### **E-print Network Search**

<http://eprints.osti.gov/index.shtml>

A Deep Web distributed search across *E-prints on Web Sites* and/or *Databases* is accomplished with a single query that returns results from multiple sources. This search allows for compilation and assimilation of data to facilitate information discovery and reuse.

### **ERIC – Education Resources Information Center**

<http://www.eric.ed.gov/>

ERIC provides free access to more than 1.2 million bibliographic records of journal articles and other education-related materials and, if available, includes links to full text. ERIC is sponsored by the U.S. Department of Education, Institute of Education Sciences (IES).

### **eScholarship - Open Access Scholarly Publishing**

<http://www.escholarship.org/>

eScholarship provides a suite of open access, scholarly publishing services and research tools that enable departments, research units, publishing programs, and individual scholars associated with the University of California to have direct control over the creation and dissemination of the full range of their scholarship.

### **EThOS - Electronic Theses Online Service**

<http://ethos.bl.uk/Home.do>

The aim of EThOS is: a) To offer a 'single point of access' where researchers the world over can access ALL theses produced by UK Higher Education; b) To support Higher Education Institutions through the transition from print to e-theses; c) To help UK Higher Education Institutions expand available content by digitising paper theses; and d) To demonstrate the quality of UK research and help attract students and research investment into UK HE. To achieve this, EThOS offers a coherent and consistent interface by



implementing a central 'hub' comprising an e-store and a digitisation suite at The British Library site in Boston Spa, Yorkshire. The hub automatically harvests e-theses from Institutional Repositories and digitises paper theses from participating institutions to offer the single point of access.

### **Ethnologue**

<http://www.ethnologue.com/>

This electronic version of Ethnologue: Languages of the World presents the data used to prepare the printed volumes, along with links to the SIL Bibliography and the International Academic Bookstore. To get started using the Ethnologue, you should first read the Introduction. Then browse the Countries page, which displays the primary table of contents for the Ethnologue organized by geographical areas and countries, or use the search function.

### **Ferret.ai - With Great Power Comes Great Research**

<http://ferret.ai/>

FERRET.AI is a free Chrome extension. It empowers your research by summarizing/enriching articles and providing full-text search on your reading history. Features include: a) Research History - Hop in Ferret's Time Machine to retrace the steps of your reading history. Do a full-text search for keywords or metadata, get a visual timeline of what you've been reading lately or combine the two. Ferret becomes your own powerful search engine as you research and explore; b) Scans and Summarizes - Ferret scans scholarly content and snoops out the concepts you want to read about. It also visualizes those concepts in the text's timeline, so you can find exactly what you're looking for - in no time. The Time Machine handily points out where and when you read about it before; c) Enriches - Ferret integrates with popular scientific databases and services to enrich the academic content you read. No more sifting through the rubble when doing research: Ferret instantly assesses the scientific value of any publication through author and journal scores, peer reviews and structured data source connections. New services and data sources are added constantly. and d) Downloads - Found something worth keeping or reading in depth? Don't sweat the download button. If an open-access PDF is available, Ferret finds it for you.

### **Fields of Knowledge**

<http://www.fieldsofknowledge.com/index.html>

Fields of Knowledge is deeply rooted in academia. Eighty-nine percent of the subject specialists who provide content to The Infography are college professors. They are dedicated to the immediate mission of better enabling librarians, students, and others to identify good information for learning. The Infography is comparable to Internet search engines, reference books, and other disparate reference resources. We believe that the



pinnacle need of librarians and students is for a research threshold where scholarly specialists guide them to superlative information.

### **Finding Experts By Using the Internet 2017**

<http://www.FindingExperts.info/>

This is a 24 page .pdf file (225KB) and freely available from the above URL. Finding Experts on the Internet is dedicated to giving you the internet sources to discover that needed expert(s) that you have been looking for. The Internet is a vast global resource of knowledge created by experts and the ability to find and contact these experts is extremely important for both academic activities as well as business and special interest needs.

### **FindLaw**

<http://www.FindLaw.com/>

FindLaw is the highest-trafficked legal Web site, providing the most comprehensive set of legal resources on the Internet for legal professionals, businesses, students and individuals. These resources include Web search utilities, cases and codes, legal news, an online career center, and community-oriented tools, such as a secure document management utility, mailing lists, message boards and free e-mail

### **FindThatFile.com - Search Files from the Internet, FTP, Usenet, Emule, Educational Resources and More**

<http://www.findthatfile.com/>

A file based search engine that searches almost every major source and filetype from over 300 million urls. It also allows users to search contents, extracts, and internal metadata including file lists and more making it a very valuable resource for searching as an alternative to the traditional 'webpage' search.

### **Flickr: The Commons**

<https://www.flickr.com/commons>

From Flickr comes The Commons, a project that seeks to catalogue public photography collections from around the world. The Commons invites cultural institutions to share relevant collections in one place; as of this write up, there are over 100 participating museums, libraries, and other institutions. The collection includes a number of historical photographs (both portrait photographs and photographs of documents and illustrations) as well as contemporary photographs. Visitors can browse this collection by participating institution, or conduct a text search for the whole collection. Many participating institutions have extensive albums included in their individual Flickr account for easy browsing. With participants ranging from UC Berkeley's Department of Geography to the Finnish Museum of Photography to the Internet Archive Book Images collection, The Commons offers something of interest for everyone.

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**Academic and Scholar Search Engines and Sources – An Internet Annotated Link Dataset Compilation**

[Updated October 1, 2017]

<http://www.ScholarSearchEngines.com/>

[zillman@VirtualPrivateLibrary.com](mailto:zillman@VirtualPrivateLibrary.com)

eVoice: 800-858-1462

© 2004 – 2017 Marcus P. Zillman, M.S., A.M.H.A.



### **Foreign Doctoral Dissertations from the Center for Research Libraries (CRL)**

<http://www.crl.edu/content.asp?l1=5&l2=23&l3=44&l4=25>

Search through CRL's Foreign Doctoral Dissertations Database. CRL has more than 750,000 uncataloged foreign doctoral dissertations, of which approximately 20,000 are included in this database.

### **FT.com Search**

<http://search.ft.com/search/index.html>

FT, press and newswire articles from their powerful, up to the minute, news collection (and five-year archive) plus profiles and websites from the Business.com web guide. Use the one-stop search box for results from all sources, or select from the specific advanced options.

### **Fulltext Sources Online**

<http://www.fso-online.com/>

Fulltext Sources Online (*FSO*) is a searchable directory of publications that are accessible online in full text, from 28 major aggregator products. *FSO* lists 22,609 periodicals, newspapers, newsletters, newswires, and TV or radio transcripts. It covers topics in science, technology, medicine, law, finance, business, industry, the popular press and more.

### **Gateway to Library Catalogs**

<http://www.loc.gov/z3950/gateway.html>

The Library of Congress Page for gateway access to LC's catalog and those at many other institutions. Contents include: a) Search Library of Congress Catalog, b) Search Other Catalogs, and c) About the Z39.50 Gateway.

### **Genamics JournalSeek**

<http://journalseek.net/>

Genamics JournalSeek is the largest completely categorized database of freely available journal information available on the internet. The database presently contains 102139 titles. Journal information includes the description (aims and scope), journal abbreviation, journal homepage link, subject category and ISSN. Searching this information allows the rapid identification of potential journals to publish your research in, as well as allow you to find new journals of interest to your field.

### **GlobalSpec**

<http://www.globalspec.com/>

GlobalSpec is the leading specialized vertical search, information services and e-publishing company serving the engineering, manufacturing and related scientific and technical market segments. The company provides its buy-side users with domain-expert



search engines, a broad range of proprietary and aggregated Web-based content and over 55 product-area-specific e-newsletters that help engineers and related professionals perform their key job tasks with the highest levels of accuracy and productivity.

### **GoArticles**

<http://www.goarticles.com/>

GoArticles.com is an article search engine and directory, updated daily. The staff at GoArticles are dedicated to meeting the needs of contributing Authors, newsletter Publishers and visitors by providing the best and largest article database on the Web.

### **GoGeo!**

<http://www.gogeo.ac.uk/>

Go-Geo! is the UK academic spatial data portal operated and maintained by EDINA National Data Centre, University of Edinburgh. The portal is a key component of the UK academic Spatial Data Infrastructure (SDI) and is financially supported by the Joint Information Services Committee (JISC). Go-Geo! offers access to information about all things spatial for researchers, teaching staff and students in UK further and higher education institutions. It's principle function is as a data discovery tool, searching metadata catalogues across the UK.

### **Gold Rush – Database Search Tool**

<http://goldrush.coalition.org/>

Gold Rush is a tool to help you find the best databases to search for information on a specific topic or from a specific journal. Gold Rush will also help to determine whether or not you have access to a particular database. If you do have access to a database, Gold Rush will provide you with a link to search that database.

### **Google™ Book Search**

<http://books.google.com/>

Formerly print.google.com ... Search the full text of books to find ones that interest you and learn where to buy or borrow them. Each book includes an 'About this book' page with basic bibliographic data like title, author, publication date, length and subject. For some books you may also see additional information like key terms and phrases, references to the book from scholarly publications or other books, chapter titles and a list of related books. For every book, you'll see links directing you to bookstores where you can buy the book and libraries where you can borrow it.

### **Google™ Scholar Search**

<http://scholar.google.com/>

Google Scholar enables you to search specifically for scholarly literature, including peer-reviewed papers, theses, books, preprints, abstracts and technical reports from all broad



areas of research. Use Google Scholar to find articles from a wide variety of academic publishers, professional societies, preprint repositories and universities, as well as scholarly articles available across the web.

### **Government Information Locator Service (GILS)**

[http://www.access.gpo.gov/su\\_docs/gils/index.html](http://www.access.gpo.gov/su_docs/gils/index.html)

The Government Information Locator Service (GILS) is an effort to identify, locate, and describe publicly available Federal information resources, including electronic information resources. GILS records identify public information resources within the Federal Government, describe the information available in these resources, and assist in obtaining the information. GILS is a decentralized collection of agency-based information locators using network technology and international standards to direct users to relevant information resources within the Federal Government.

### **GPO Access – Search Across Multiple Databases**

<http://www.gpoaccess.gov/multidb.html>

Search across multiple government databases with one query from this starting point at GPO Access.

### **GPO's Federal Digital System Search (FDsys)**

<http://www.gpo.gov/fdsys/search/home.action>

GPO's Federal Digital System (FDsys) provides public access to Government information submitted by Congress and Federal agencies and preserved as technology changes. GPO's Federal Digital System (FDsys) is an advanced digital system that will enable GPO to manage Government information from all three branches of the U.S. Government. FDsys is available as a public beta during migration of information from GPO Access. The migration of information from GPO Access into FDsys will be complete in 2009, until this time GPO Access will contain all content.

### **Grainger Engineering Library University of Illinois at Champaign-Urbana**

<http://g118.grainger.uiuc.edu/engroai/>

Search open archives initiative Information in Engineering, Computer Science and Physics. 450,000+ records from 13+ repositories.

### **Graphiq Search**

<https://www.graphiq.com/search>

Search 10 billion+ interactive visualizations from the world's deepest knowledge graph. They are a semantic technology company that instantly delivers deep insights from the world's data. Since 2009, they have amassed the world's deepest and most interconnected knowledge graph, encompassing 500 collections, 1 billion entities, 250 billion data points and 25 billion curated relationships. The Graphiq knowledge graph is sourced from the



world's most authoritative public, private and proprietary sources, and forms the foundation of all Graphiq products.

### **HAL - Open Access Archive for Deposit and Dissemination of Scientific Research**

<http://hal.archives-ouvertes.fr/>

HAL is a multi-disciplinary open access archive for the deposit and dissemination of scientific research papers, whether they are published or not, and for PhD dissertation. The documents may come from teaching and research institutions in France or abroad, or from public or private research centers.

### **Handbook of Latin American Studies (HLAS)**

<http://lcweb2.loc.gov/hlas/>

The Handbook is a bibliography on Latin America consisting of works selected and annotated by scholars. Edited by the Hispanic Division of the Library of Congress, the multidisciplinary *Handbook* alternates annually between the social sciences and the humanities. Each year, more than 130 academics from around the world choose over 5,000 works for inclusion in the Handbook.

### **HashDoc – The Marketplace for Professional Documents**

<https://www.hashdoc.com/>

Most people use Hashdoc to find inspiration for a work related task, learn from similar cases or find a ready to use templates. What they are building is a new kind of professional freebase and a marketplace that makes finding work-related resources easier and more meaningful. Consultants use it to find resources that help them with their project deliverables. Consultants can also share their work to demonstrate topic expertise, generate leads and build online influence. Organizations, whether they're in the consulting business or not, can share infographics, white papers, use cases and other document types as a way for indirect marketing, lead generation and thought leadership. Their growing community of subject matter experts and the platform they are building help you find relevant business documentation, project deliverables, templates, presentations, white-papers, forms and more, all rated and improved by like-minded people.

### **HathiTrust Digital Library**

<http://www.hathitrust.org/>

HathiTrust is a partnership of major research institutions and libraries working to ensure that the cultural record is preserved and accessible long into the future. There are more than fifty partners in HathiTrust, and membership is open to institutions worldwide. The HathiTrust Digital Library brings together the immense collections of partner institutions in digital form, preserving them securely to be accessed and used today, and in future



generations. Currently Digitized: 8,106,999 total volumes; 4,492,289 book titles; 199,836 serial titles; 2,837,449,650 pages; 363 terabytes.

### **HighBeam Research**

<http://www.highbeam.com/>

Search their extensive archive of more than 32 million documents from over 2,800 sources -- a vast collection of articles from leading publications, updated daily and going back as far as 20 years. Save your searches, save articles and set up alerts to save time and increase your efficiency.

### **Highly Cited Researchers**

<http://isihighlycited.com/>

Search for the top researchers by name, category, country, or institutional affiliation. Track research trends through literature references using links to and through the Web of Science. Learn about or stay current on the research authorities and trends in a number of fields. Identify key individuals, departments and laboratories. Locate colleagues and experts . Discover new dimensions of a researcher's work. Show students the development of scientific ideas.

### **HighWire Press -- Search Multiple Journals**

<http://highwire.stanford.edu/cgi/search/>

Search over 15 million articles from over 4,500 PubMed journals, including 780,905 free full text articles from 757 HighWire-hosted journals ... the largest repository of free full-text life science articles in the world.

### **Hong Kong University Theses Online**

<http://sunzi.lib.hku.hk/ER/detail/hkul/2093644>

The Hong Kong University Theses Collection holds 16,574 titles of theses and dissertations submitted for higher degrees to the University of Hong Kong since 1941. The first recorded thesis was dated 1928, though all theses prior to 1941 were lost during the occupation of WWII. HKUTO includes works in the arts, humanities, education and the social, medical and natural sciences. Many of them deal entirely with or focus on subjects relating to Hong Kong. The collection is primarily in English, with some in English and Chinese, and others in Chinese only. Almost all HKU theses are included in HKUTO. Missing ones might be located in HKU departmental libraries. HKUTO now includes 14,481 fulltext electronic theses.

### **HONselect – Health on the Net Select Search**

<http://www.hon.ch/MeSH/>

HONselect is HON's (Health On the Net Foundation) new search integrator for strictly medical and health queries. HONselect combines five information types - MeSH® terms,

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eVoice: 800-858-1462

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authoritative scientific articles, healthcare news, Web sites and multimedia - into one service to focus and accelerate your search.

### **IDEAS: Economics and Finance Research**

<http://ideas.repec.org/>

Billed as the "largest bibliographic database dedicated to economics", the Internet Documents In Economics Access Services (IDEAS) database contains over 700,000 citations, including links to working papers, articles, chapters, and books. The database is housed at the University of Connecticut, and it is overseen by Christian Zimmermann and a number of his colleagues. A handy table on the site's homepage gives some basic statistics on what users can find here, and they should feel free to perform a detailed search on anything from agricultural economics to supply chains.

### **Image Search Engines Review**

<http://www.tasi.ac.uk/resources/searchengines.html>

This critical review concentrates on general, specialized, and meta- image search engines., but also covers, briefly, collection-based and content-based image search engines.

### **IMF eLibrary Data**

<http://data.imf.org/>

The International Monetary Fund (IMF) is an organization of 188 countries, working to foster global monetary cooperation, secure financial stability, facilitate international trade, promote high employment and sustainable economic growth, and reduce poverty around the world.

### **Index to Theses in Great Britain and Ireland**

<http://www.theses.com/>

A comprehensive listing of theses with abstracts accepted for higher degrees by universities in Great Britain and Ireland since 1716 with 484,007 theses in the current collection.

### **Index to University Sponsored Open Access Repositories of Journals and Research Materials**

<http://wiki.dspace.org/DspaceInstances>

This DSpace Wiki hosts an alphabetical listing of college and university sponsored searchable, open source repositories, from around the world. Content includes a wide range of topics: biomedical and health sciences, theses, business and economics, library science, history, education, art, architecture, and engineering.



### **Index Translationum Search**

<http://databases.unesco.org/xtrans/xtra-form.html>

The searchable data base contains cumulative bibliographical information on books translated and published in about one hundred of the UNESCO Member States since 1979 and totalling more than 1,450,000 entries in all disciplines : literature, social and human sciences, natural and exact sciences, art, history and so forth. It is planned to update the work every quarter.

### **INFOMINE: Scholarly Internet Resource Collections**

<http://infomine.ucr.edu/>

INFOMINE is a virtual library of Internet resources relevant to faculty, students, and research staff at the university level. It contains useful Internet resources such as databases, electronic journals, electronic books, bulletin boards, mailing lists, online library card catalogs, articles, directories of researchers, and many other types of information.

### **Information Bridge - DOE Scientific and Technical Information**

<http://www.osti.gov/bridge/>

The Information Bridge: DOE Scientific and Technical Information provides free public access to over 210,000 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.

### **Information Resources Management Association (IRMA)**

<http://www.irma-international.org/>

The Information Resources Management Association (IRMA) welcomes professionals, students, and academicians to search thousands of peer-reviewed works covering all areas of technology applied to modern organizations. Aiming to enhance knowledge of current topics in Information Resources Management, Research IRM, powered by InfoSci-OnDemand, makes thousands of proceedings papers, scholarly journal articles, and book chapters available for download. Search to discover the latest findings in IRM.

### **Infotopia**

<http://www.infotopia.info/>

Infotopia is an academic search engine designed for "students, teachers, and especially homeschoolers." Created by Dr. Michael Bell (former chair of the Texas Association of School Librarians) and Carole Bell (former middle school librarian and director of





libraries), Infotopia uses a Google custom search to provide accesses to previously vetted websites selected by librarians, teachers, and educational professionals. Rounding out this powerful search feature, Infotopia provides tabs on a series of different topics, from Arts to Biography to Games to Health. Each tab opens up to more subject links, for instance Biography features Biography, Hispanic Bios, and African American Bios. Selecting any of these sub-topics navigates to a page of related external resources, such as African-American Odyssey, Time for Kids: Black History Month, and The Franklin Institute. Readers will also be pleased to find an excellent blog elaborating on teacher-recommended resources.

### **IngentaConnect – Your Gateway to Research – Article Search Interface**

<http://www.publishingtechnology.com/products/digital/ingentaconnect.php>

Search 22,322,504 articles, chapters, reports and more... Browse 30,000+ publications.

### **Intellisearch**

<http://www.intellisearchnow.com/>

Intellisearch accesses a large database of publications and news sources such as newspapers, magazines, business publications, trade and professional journals, and wire services and more ....

### **International Researcher Network (Visualization 1.0)**

<http://nrn.cns.iu.edu/>

There exist diverse services that researchers can use to stay in constant contact with colleagues that are used to identify perfect collaborators at the right time and to manage productive teams. Among them are commercial services, e.g., LinkedIn or Facebook, as well as sites that were specifically designed for scholars, e.g., Academia.edu-the LinkedIn for academics-or VIVO-the Facebook for researchers. A number of International Researcher Network (IRN) sites expose high quality institutional data via web sites and/or semantically structured RDF data. Among them, and listed in alphabetical order are: Elsevier's Collexis, Harvard's Catalyst Profiles, Stanford's CAPS system, and the NIH funded VIVO system. Thanks to these systems, scholars are uniquely identified via their institutional IDs and are linked to the papers they have published, the patents they authored, the funding they received, and the courses they teach. Never before has such a comprehensive record of scholarly activity data been available in machine readable format and advanced semantic search. Intelligent recommender services, automatic resume generation, and novel science of science studies have become possible through this data.



### **Internet Archive**

<http://www.archive.org/>

The Internet Archive is building a searchable digital library of Internet sites and other cultural artifacts in digital form. Like a paper library, they provide free access to researchers, historians, scholars, and the general public.

### **Internet Library of Early Journals**

<http://www.bodley.ox.ac.uk/ilej/>

ILEJ, the "Internet Library of Early Journals" was a joint project by the Universities of Birmingham, Leeds, Manchester and Oxford, conducted under the auspices of the eLib (Electronic Libraries) Programme. It aimed to digitize substantial runs of 18<sup>th</sup> and 19<sup>th</sup> century journals, and make these images available on the Internet, together with their associated bibliographic data IP Search Engine (Intellectual Property)

<http://www.IPSearchEngine.com/>

### **Intute - Repository Search**

<http://www.intute.ac.uk/irs/>

Making it easy to access academic and research content ... There is a wealth of academic, educational and research information stored in a wide range of systems throughout the UK. Their aim is to increase the visibility of this information and make it readily accessible to academics, researchers, developers and associated organisations. As well as building on the best open-source search technology available such as Lucene, they are also exploring with leading edge search and personalisation technology providers. This is to develop a system that will allow advanced search and innovative access to the information, such as personalised alerts or repurposed content streams into other websites.

### **Invisible-Web.net**

<http://www.invisible-web.net/>

This site is a companion to The Invisible Web: Finding Hidden Internet Resources Search Engines Can't See by Chris Sherman and Gary Price. It includes a directory of some of the best resources the Invisible Web has to offer. The directory includes resources that are informative, of high quality, and contain worthy information from reliable information providers that are not visible to general-purpose search engines.

### **iSeek - Targeted Search Engines for Students, Teachers, and Administrators**

<http://education.iseek.com/>

iSEEK Education is a targeted search engine for students, teachers, administrators, and caregivers. Features: a) Safe - Put your mind at ease with safe search technologies and editor-reviewed content; b) Authoritative - Search hundreds of thousands of trusted resources from universities, government, and established noncommercial providers; c)



Intelligent - Instantly identify lesson plans, activities, school subjects, grade levels, and more with iView navigation; and d) Time-saving - Register to bookmark any URL for storage in MySEEK, your own searchable Web-based library.

### **Issue Crawler**

<http://wiki.issuecrawler.net/bin/view/Issuecrawler/WebHome>

Issue Crawler is a network mapping software by the Govcom.org Foundation, Amsterdam. The IssueCrawler is web network location software. It consists of a crawler, a co-link analysis engine and two visualisation modules. It is server-side software that crawls specified sites, captures the outlinks from the specified sites, performs co-link analysis on the outlinks, returns densely interlinked networks, and visualises them in circle and cluster maps.

### **IThound - Business Technology Library**

<http://www.ithound.com/>

IThound.com is an industry-leading business technology research library providing information for technology and business professionals. IThound.com is the largest free library of IT resources containing white papers, analyst reports, case studies, product specs and web seminars.

### **JAIRO - Japanese Institutional Repositories Online**

<http://jairo.nii.ac.jp/en/>

JAIRO is an abbreviation of Japanese Institutional Repositories Online. JAIRO is a succeeding service of JuNii+ (test version) (Japanese) in which academic information (journal articles, theses or dissertations, departmental bulletin papers, research papers, etc.) accumulated in Japanese institutional repositories\* can be searched for cross-sectionally. The National Institute of Informatics (NII) collects metadata of institutional repositories, according to an application from the person in charge of the management of the institutional repository of each institution. As of October 2008, JAIRO allows about 540,000 contents in 84 institutional repositories to be searched for.

### **Journal TOCS**

<http://www.journaltocs.hw.ac.uk/>

Here, you can search the latest Table of Contents (TOCs) of 12,568 journals collected from 422 publishers. More journals are added continuously. You can start by searching for TOCs by journal title or by keywords (searching 336,025 TOC articles).

### **JSTOR**

<http://www.jstor.org/>

JSTOR is a not-for-profit organization with a dual mission to create and maintain a trusted archive of important scholarly journals, and to provide access to these journals as



widely as possible. JSTOR offers researchers the ability to retrieve high-resolution, scanned images of journal issues and pages as they were originally designed, printed, and illustrated. Content in JSTOR spans many disciplines.

### **Juriscraper**

<https://free.law/juriscraper/>

Juriscraper is a scraper library started several years ago that gathers judicial opinions and oral arguments in the American court system. It is currently able to scrape: 1) opinions from all major appellate Federal courts; 2) opinions from all state courts of last resort (typically their “Supreme Court”); and 3) oral arguments from all appellate federal courts that offer them. Juriscraper is part of a two-part system. The second part is your code, which calls Juriscraper. They created Juriscraper to create a unified scraper framework that any organization can use to get the latest content from the hundreds of courts in the US.

### **JURN - Find Free Academic Articles and Books**

<http://www.jurn.org/>

JURN is a unique search tool which helps you find free academic articles and books. JURN harnesses all the power of Google, but focusses your search through a hand-crafted and curated index. Established in 2009 to comprehensively cover the arts and humanities, in 2014 JURN expanded in scope. JURN now also covers selected university fulltext repositories and many additional ejournals in science, biomedical, business and law. In 2015/6 JURN expanded again, adding over 600 ejournals on aspects of the natural world.

### **Kartoo Visual Meta Search Engine**

<http://www.Kartoo.com/>

KartOO is a metasearch engine with visual display interfaces. When you click on OK, KartOO launches the query to a set of search engines, gathers the results, compiles them and represents them in a series of interactive maps through a proprietary algorithm

### **KU ScholarWorks - University of Kansas Scholarly Work Repository**

<http://kuscholarworks.ku.edu/dspace/>

KU ScholarWorks is a digital repository for scholarly work created by the faculty and staff of the University of Kansas. KU ScholarWorks makes important research available to a wider audience and helps assure its long-term preservation.

### **Kyoto University Research Information Repository**

<http://repository.kulib.kyoto-u.ac.jp/dspace/>

Kyoto University Research Information Repository (KURENAI) contains peer-reviewed journal articles, dissertations, departmental bulletin papers and any kind of scholarly



works of Kyoto University. \* over 60,000 Articles / over 80 Journals / over 800,000 fulltext downloads (2009).

### **List of Academic Databases and Search Engines**

[https://en.wikipedia.org/wiki/List\\_of\\_academic\\_databases\\_and\\_search\\_engines](https://en.wikipedia.org/wiki/List_of_academic_databases_and_search_engines)

This page contains a representative list of major databases and search engines useful in an academic setting for finding and accessing articles in academic journals, repositories, archives, or other collections of scientific and other articles.

### **Legislative Openness Data Explorer**

<https://beta.openparldata.org/>

Around the world, an increasing number of parliaments are embracing the principles of parliamentary openness: ensuring public access to legislative information, providing opportunities for meaningful citizen participation, and embracing the possibilities presented by new technologies. The Open Government Partnership (OGP) has provided an international platform for these parliaments to exchange experience, share good practice, and, in some cases, advance reform. OGP's Legislative Openness Working Group compiled the data and administers this website. The website was built by the National Democratic Institute and KohoVolit.eu.

### **LibDex - Worldwide index of library catalogues, web sites and Friends of Libraries**

<http://www.libdex.com/>

Libdex is a worldwide directory of library homepages, web-based OPACs, Friends of the Library pages, and library e-commerce affiliate links. LibDex is an index to 18,000 libraries.

### **Library of Congress Authorities**

<http://authorities.loc.gov/webvoy.htm>

Using Library of Congress Authorities, you can search, browse and view authority headings for Subject, Name, Title and Name/Title combinations; and download authority records in MARC format for use in a local library system. This service is offered free of charge.

### **Library of Congress Catalog Search and Other Library Catalog Search**

<http://www.loc.gov/z3950/>

Search the Library of Congress Page for gateway access to LC's catalog and those at many other institutions.

### **Library of Congress Databases and eResources**

<http://www.loc.gov/rr/ElectronicResources/subjects.php?subjectID=13&>

A very comprehensive listing of databases and eResources available from the United



States Library of Congress. The listing is alphabetical and covers all available databases and eResources both within the Library of Congress as well as available online.

### **LibWorm - Librarianship RSS Search and Current Awareness**

<http://www.libworm.com/>

LibWorm is intended to be a search engine, a professional development tool, and a current awareness tool for people who work in libraries or care about libraries. LibWorm collects updates from about 1500 RSS feeds (and growing). The contents of these feeds are then available for searching, and search results can themselves be output as an RSS feed that the user can subscribe to either in his/her favourite aggregator or in LibWorm's built-in aggregator.

### **Life Science Journals Archives**

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

PubMed Central (PMC) is the U.S. National Library of Medicine's free digital archive of biomedical and life sciences journal literature.

### **List of Academic Databases and Search Engines from Wikipedia**

[http://en.wikipedia.org/wiki/List\\_of\\_academic\\_databases\\_and\\_search\\_engines](http://en.wikipedia.org/wiki/List_of_academic_databases_and_search_engines)

This page contains a representative list of major databases and search engines useful in an academic setting for finding and accessing articles in academic journals, or in repositories, archives, or other collections of scientific and other articles.

### **MagPortal.com - Magazine Article Search Engine and Directory**

<http://www.magportal.com/>

MagPortal.com<sup>SM</sup> helps you to find individual magazine articles from all over the web. It can be used as a research tool (try the search engine) or for keeping abreast of current articles in your field of interest (browse the categories). The value of this approach is that you can find articles on a particular topic regardless of where they were published.

### **Manuscript Discovery and Retrieval**

<http://liber.library.uu.nl/publish/articles/000039/index.html>

Integrated Resource Discovery and Access of Manuscript Materials: the User Perspective  
By Jan Roegiers. This excellent article features many resource discovery tools and sources for locating manuscripts and related information.

### **MedWorm – Medical RSS Filter Engine**

<http://www.MedWorm.com/>

MedWorm is a medical RSS feed provider as well as a search engine built on data collected from RSS feeds. MedWorm collects updates from over 4000 authoritative data sources (growing each day) via RSS feeds. From the data collected, MedWorm provides



new outgoing RSS feeds on various medical categories that you can subscribe to, via the free MedWorm online service.

### **MetaLib - Federated Catalog of U.S. Government Publications Search Engine**

<http://metalib.gpo.gov/>

MetaLib is a service of the Catalog of U.S. Government Publications (CGP)! MetaLib is a federated search engine that searches multiple U.S. Federal government databases, retrieving reports, articles, and citations while providing direct links to selected resources available online.

### **MetaPress - Scholarly Content**

<http://www.metapress.com/>

MetaPress provides content management and end-user access websites for e-content from the world's leading publishers. You can access 37,823 scholarly publications from 65 leading publishers at the MetaPress reader site.

### **Microsoft Academic Search**

<http://academic.research.microsoft.com/>

Explore 38,837,694 publications and 19,160,528 authors, 848 updated last week. Microsoft Academic Search is a free academic search engine developed by Microsoft Research, which also serves as a test-bed for our object-level vertical search research. Microsoft Academic Search provides many innovative ways to explore scientific publications, authors, conferences, journals, organizations and keywords, connecting millions of scholars, students, librarians, and other users. In Microsoft Academic Search, objects in the search results are sorted based on two factors: their relevance to the query and their global importance. The relevance score of an object is computed by its attributes; and the importance score of an object is calculated by its relationships with other objects.

### **Microsoft Research**

<http://research.microsoft.com/>

More than 850 Ph.D. researchers push the boundaries of computing in multiple research areas in 13 research labs around the world. Discover what they have delivered to Microsoft and to the world, such as contributions to Kinect for Xbox 360, work to develop an HIV vaccine, and advancing education techniques in rural communities.

### **MIT Open Access Articles**

<http://dspace.mit.edu/handle/1721.1/49433>

The MIT Open Access Articles collection consists of scholarly articles written by MIT-affiliated authors that are made available through DSpace@MIT under the MIT Faculty Open Access Policy, or under related publisher agreements. Articles in this collection





generally reflect changes made during peer-review. Version details are supplied for each paper in the collection: a) Original manuscript: author's manuscript prior to formal peer review; b) Author's final manuscript: final author's manuscript post peer review, without publisher's formatting or copy editing; and c) Final published version: final published article, as it appeared in a journal, conference proceedings, or other formally published context (this version appears here only if allowable under publisher's policy). Some peer-reviewed scholarly articles are available through other DSpace@MIT collections, such as those for departments, labs, and centers.

### **MIT Theses - 30,000+ Masters and Ph.D.**

<http://dspace.mit.edu/handle/1721.1/7582>

This collection of MIT Theses in DSpace contains selected theses and dissertations from all MIT departments. Please note that this is NOT a complete collection of MIT theses. To search all MIT theses, use [Barton, MIT Libraries' catalog](#). MIT's DSpace contains more than 30,000 theses completed at MIT dating as far back as the mid 1800's. Theses in this collection have been scanned by Document Services or submitted in electronic format by thesis authors. Since 2004 all new Masters and Ph.D. theses will be scanned and will be added to this collection after degrees are awarded.

### **my.OAI**

<http://www.myoai.com/>

my.OAI is a full-featured search engine to a selected list of metadata databases from the Open Archives Initiative project. my.OAI can be tailored by the user to suit individual interests and provides the following features: Forms based query formulation; Viewing search results either merged together, or as meta-results, or separated by database; Automatic display of summaries when viewing search results and may other excellent features listed on their home page.

### **NARA - Access to Archival Databases (AAD) System**

<http://www.archives.gov/aad/>

Using AAD, you can search some of NARA's holdings of electronic records. Online access to a selection of nearly 50 million historic electronic records created by more than 20 federal agencies on a wide range of topics.

### **NARCIS - The Gateway to Dutch Scientific Information**

<http://www.narcis.info/>

NARCIS provides access to 170,259 scientific publications, 3,051 data sets, and information on researchers (expertise), research projects and research institutes in the Netherlands.



### **National Archives - Research Their Records**

<http://www.archives.gov/research/catalog/>

Search the online catalog and other National Archives resources at once for information about their records. The advanced search is dynamic and search fields will change or become inactive based on the categories (e.g., archival descriptions, authority records, webpages) selected.

### **NBII Metadata Clearinghouse**

<http://metadata.nbii.gov/clearinghouse/>

The NBII Clearinghouse is a powerful resource for scientists, allowing them to share and access information about important research in natural resources. With over 88,000 records from over 70 data providers, the possibilities for collaborations and data exchange are endless.

### **NECTAR - Northampton Electronic Collection of Theses and Research**

<http://nectar.northampton.ac.uk/>

NECTAR, the Northampton Electronic Collection of Theses and Research, is The University of Northampton's open access institutional repository. Its purpose is to showcase university research to the world. NECTAR will make full content available whenever possible and operates a take down policy in the event of any concern.

### **Networked Digital Library of Theses and Dissertations (NDLTD)**

<http://www.ndltd.org/>

The Networked Digital Library of Theses and Dissertations (NDLTD) is an international organization dedicated to promoting the adoption, creation, use, dissemination and preservation of electronic analogues to the traditional paper-based theses and dissertations. This website contains information about the initiative, how to set up Electronic Thesis and Dissertation (ETD) programmes, how to create and locate ETDs, and current research in digital libraries related to NDLTD and ETDs.

### **New Found Press - A Digital Imprint of the University of Tennessee Libraries**

<http://www.lib.utk.edu/newfoundpress/>

The University of Tennessee Libraries is developing a framework to make scholarly and specialized works available worldwide. Newfound Press, the University Libraries digital imprint, advances the community of learning by experimenting with effective and open systems of scholarly communication. Drawing on the resources that the university has invested in digital library development, Newfound Press collaborates with authors and researchers to bring new forms of publication to an expanding scholarly universe. They consider manuscripts in all disciplines, encompassing scientific research, humanistic scholarship, and artistic creation.



### **New Zealand Electronic Text Centre**

<http://www.nzetc.org/>

The New Zealand Electronic Text Centre has four aims: a) To create a digital library providing open access to significant New Zealand and Pacific Island texts and materials. This encompasses both digitized heritage material and born-digital resources; b) To effectively partner with other organizations, as a collaborator and service provider, on a variety of digitization and digital content projects; c) To build a wider community skilled in the use and creation of digital materials through teaching and training activities and by publishing and presenting the results of research; and d) To work at the intersection of computing tools with textual material and investigate how these tools may be used to make new knowledge from our cultural inheritance.

### **NTIS – National Technical Information Service**

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

The National Technical Information Service (NTIS) serves our nation as the largest central resource for government-funded scientific, technical, engineering, and business related information available today. Here you will find information on more than 600,000 information products covering over 350 subject areas from over 200 federal agencies.

### **NTRS: NASA Technical Reports Server**

<http://ntrs.nasa.gov/>

Examples of NASA's STI include research reports, journal articles, conference and meeting papers, technical videos, mission-related operational documents, and preliminary data. NASA's technical information is available via the NASA Technical Report Server (NTRS) and is to provide students, educators, and the public access to NASA's technical literature. NTRS also collects scientific and technical information from sites external to NASA to broaden the scope of information available to users

### **NZResearch - Kiwi Research Information Service**

<http://nzresearch.org.nz/>

This website is a gateway to the open-access research documents produced at universities, polytechnics, and other research institutions throughout New Zealand. They have harvested research document metadata from around New Zealand and collected it in one place. You can use this website to search for research, look up specific subjects or authors, browse the research in various ways, and keep abreast of emerging research activity.

### **OAIster Search**

<http://www.Oaister.org/>

OAIster is a project of the University of Michigan Digital Library Production Service. Our goal is to create a collection of freely available, previously difficult-to-access,



academically-oriented digital resources that are easily searchable by anyone. 3,701,820 records from 363 academic institutions as of 11-02-04.

### **Odysci - Academic Search and Technical Collaboration**

<http://academic.odysci.com/>

Odysci is a new and free web portal for search and rank of scientific articles published in journals and conferences worldwide, in computer sciences, electronics and related areas. Their focus is relevance of results and technical collaboration, as well as usability. They believe they have many features that set them apart from Google Scholar, MS Academic Search, DBLP, and others. They cover ACM publications, IEEE CS publications, as well as those listed by CiteSeerX, DBLP and many other databases. Besides the usual search by keywords, conferences, etc., Odysci offers new interesting ways to search and to allow the user to control and narrow the results.

### **Official Documents of the United Nations Search**

<http://documents.un.org/welcome.asp?language=E>

ODS covers all types of official United Nations documentation, beginning in 1993. Older UN documents are, however, added to the system on a daily basis. ODS also provides access to the resolutions of the General Assembly, Security Council, Economic and Social Council and the Trusteeship Council from 1946 onwards. The system does not contain press releases, UN sales publications, the United Nations Treaty Series or information brochures issued by the Department of Public Information. The ODS is a multilingual system. Global Search is a new full text search option that uses a different type of search engine. Please note that search result may differ from full text search under the Simple Search and Advanced Search options.

### **OLAC – Open Language Archives Community**

<http://www.language-archives.org/>

OLAC, the Open Language Archives Community, is an international partnership of institutions and individuals who are creating a worldwide virtual library of language resources by: (i) developing consensus on best current practice for the digital archiving of language resources, and (ii) developing a network of interoperating repositories and services for housing and accessing such resources. 30,000+ records from 24+ repositories.

### **Omnity - Knowledge Connected**

<https://www.omnity.io/>

The discovery of otherwise hidden, high-value patterns of interconnection within and between fields of knowledge as diverse as science, medicine, engineering. More than 2,500 scientific papers and 2,200 patent applications are published every day. Just the last five years of most scientific and engineering fields have produced on the scale of 100,000



documents. Reading these one an hour would take 50 years, a professional lifetime. Pair-wise comparison of these documents at three minutes per comparison would take more than 9,000 years, nearly the length of recorded human civilization. It is impossible to stay current in any field, much less the boundaries between two or more different fields, where most innovation occurs. Omnity enables research and development professionals in all fields to rapidly and efficiently detect otherwise hidden patterns of relevant document interconnections. Whether for basic research or advanced product development, Omnity allows real-time insight into complex document sets, enabling research and development professionals to efficiently and systematically answer a wide range of questions.

### **Online JOURNAL Search Engine (OJOSE)**

<http://www.ojose.com/>

OJOSE (Online JOURNAL Search Engine) is a free powerful scientific search engine enabling you to make search-queries in different databases by using only 1 search field. With OJOSE you can find, download or buy scientific publications (journals, articles, research reports, books, etc.) in up to 60 different databases.

### **Open Access Directory (OAD)**

[http://oad.simmons.edu/oadwiki/Main\\_Page](http://oad.simmons.edu/oadwiki/Main_Page)

The Open Access Directory (OAD) is a compendium of simple factual lists about open access (OA) to science and scholarship, maintained by the OA community at large. By bringing many OA-related lists together in one place, OAD makes it easier for everyone to discover them and use them for reference. The easier they are to maintain and discover, the more effectively they can spread useful, accurate information about OA.

### **Open Academic Society**

<https://www.OpenAcademicSociety.ai>

Open Academic Society is formed by a group of institutions to create a shared, open and expanding knowledge graph of research and education-focused entities and relationships. With the initial contributions from the [Microsoft Academic](#) by Microsoft Research and the [AMiner](#) graph from Tsinghua University, the reach and depth of the knowledge graph will come through the Society members' contributions. The data set is available under a freely accessible [cloud API](#), and the society will organize workshops, challenges, and data sharing activities for the benefit of the larger computer science community.

### **Open Access Theses and Dissertations**

<http://oatd.org/>

OATD aims to be the best possible resource for finding open access graduate theses and dissertations published around the world. Metadata (information about the theses) comes



from over 600 colleges, universities, and research institutions. OATD currently indexes over 1.5 million theses and dissertations.

### **Open Archives Initiative Service Providers**

<http://www.openarchives.org/service/listproviders.html>

A comprehensive page listing parties that provide services based on metadata that is harvested using the OAI metadata harvesting protocol.

### **OpenDepot.org - Worldwide Open Access Research Output**

<http://opendepot.org/>

The purpose of OpenDepot.org is to ensure that all academics worldwide can share in the benefits of making their research output Open Access. For those whose universities and organizations have an online repository, OpenDepot.org makes them easy to find. For those without a local repository, including unaffiliated researchers, the OpenDepot is a place of deposit, available for others to harvest. They have tried to make OpenDepot.org easy for researchers and authors to use. In technical terms, OpenDepot.org does the following: a) accepts deposit of e-prints from researchers at institutions that do not currently have an Institutional Repository (IR). The principal target is postprints, that is articles that have been peer-reviewed and accepted for publication; b) as Institutional Repositories (IRs) are established, OpenDepot.org will support the transfer of relevant content to help populate those new IRs; c) an OAI-compliant interface, so, like other open access repositories, its contents is available for harvesting; and d) re-directs depositors to an appropriate Institutional Repository (IR).

### **OpenDOAR - Directory of Open Access Repositories**

<http://www.opendoar.org/>

OpenDOAR is building a comprehensive and authoritative list of institutional and subject-based repositories, as well as archives set up by funding agencies - like the National Institutes for Health in the USA or the Wellcome Trust in the UK and Europe. Users of the service are able to analyse repositories by location, type, the material they hold and other measures. This can be of use both to users wishing to find original research papers and for third-party "service providers", like search engines or alert services, which need easy to use tools for developing tailored search services to suit specific user communities. Over 2,000 listings!

### **OpenDOAR - Search Repository Contents**

<http://www.opendoar.org/search.php>

OpenDOAR is a trial search service for the full-text of material held in open access repositories listed in the Directory. This has been made possible through the recent launch by Google of its Custom Search Engine, which allows OpenDOAR to define a search service based on the Directory holdings. Users of this service can search through





the world's repositories of freely available research information, with the assurance that each of these repositories has been assessed by OpenDOAR staff.

### **Open Grey - System for Information on Grey Literature in Europe**

<http://www.opengrey.eu/>

System for Information on Grey Literature in Europe, is your open access to 700,000+ bibliographical references of grey literature (paper) produced in Europe and allows you to export records and locate the documents. The site includes preprints from the GL conferences (GreyNet International) in full text. Their focus includes the following: a) Citations: 690,211; b) Documents : 253; (total number of PDF: 545); c) Number of citations by Sciences: 833,500; d) Social Science and Humanities: 325,000; e) Biomedical Science: 116,000; f) Science: 170,000; g) Technology: 222,500; and h) Number of Partners: 14 .

### **Open J-Gate - World's Largest Open Access English Language Journals Portal**

<http://www.openj-gate.com/>

Open J-Gate is an electronic gateway to global journal literature in open access domain. Launched in 2006, Open J-Gate is the contribution of Informatics (India) Ltd to promote OAI. Open J-Gate provides seamless access to millions of journal articles available online. Open J-Gate is also a database of journal literature, indexed from 4386 open access journals, with links to full text at Publisher sites. Open J-Gate Features and Benefits: a) Portal with the largest number of e-journals ... Open J-Gate indexes articles from 4386 academic, research and industry journals. In that 2366 of them are peer-reviewed scholarly journals; b) Links to one million+ open access articles ... This number is growing with 300000+ new articles added every year. Full-text links are regularly validated; c) Constant updating ... The Open J-Gate site is updated every day, d) Well designed journal classification ... All journals are classified in a three-level hierarchical system to provide for better relevancy in search results; e) Table of Content (TOC) Browsing ... Users can browse the TOC of latest issue and the back issues; and f) Easy-to-Use search functionalities ... Database allows various search options for the user's convenience. The subscriber can search by Title, Author, Abstract, Author's Address/Institution, Keywords, etc.

### **Open Knowledge Maps - A Visual Interface To the World's Scientific Knowledge**

<http://openknowledgemaps.org/>

An Open Knowledge Maps visualization presents you with a topical overview for your search term. It is based on the most relevant papers in the chosen library. They use text similarity to create the knowledge maps. The algorithm groups those papers together that have many words in common. The visualization is intended to give you a head start on your literature search. You can also use Open Knowledge Maps to stay up-to-date - just limit your search to the most recent papers in the options. Their Mission includes the





following: a) Visual Interface - They are creating a visual interface to the world's scientific knowledge that can be used by anyone in order to dramatically improve the discoverability of research results; b) Revolutionize Discovery - They are going to provide a large-scale system of open, interactive and interlinked knowledge maps spanning all fields of research; and c) Share. Use. Collaborate. - They will develop a space for collective knowledge organization and exploration, connecting researchers, students, librarians, journalists, practitioners and citizen

### **Open Science Directory**

<http://www.opensciencedirectory.net/>

Search tool for open access journals and journals in special programs for developing countries. About 13000 scientific journals are now available in the 'Open Science Directory'. When all the special program journals will be included, the Open Science Directory will contain more than 20000 titles. The Open Science Directory has been developed by EBSCO and the Hasselt University Library based upon a request by marine information management experts collaborating within the framework of the IOC's IODE programme.

### **Open Syllabus Project**

<http://opensyllabusproject.org>

Launched in January 2016 by a group of scholars at the American Assembly at Columbia University, the Open Syllabus Project contains data from over one million university syllabi. Using publicly available syllabi along with faculty contributions, the Open Syllabus team enters every text assigned to students into a database. Faculty, librarians, and students can then search for a text using the Syllabus Explorer tool to see a list of other works assigned alongside that text and discover its "Teaching Score" - a score developed by the team to reflect how frequently a text is assigned. While this tool is useful for university instructors considering what to include on their own syllabi, it also provides insight for anyone interested in examining trends in scholarship and higher education.

### **OpenThesis - Upload and Search Theses and Dissertations**

<http://www.openthesis.org/>

OpenThesis is a free repository of theses, dissertations, and other academic documents, coupled with powerful search, organization, and collaboration tools. OpenThesis is a searchable compendium of theses, dissertations and other academic documents from around the world.



### **Organic Eprints**

<http://orgprints.org/>

Organic Eprints is an international open access archive for papers related to research in organic agriculture. The archive contains full-text papers in electronic form together with bibliographic information, abstracts and other metadata

### **Oxford Scholarship Online**

<http://www.oxfordscholarship.com/oso/public/index.html>

Oxford Scholarship Online is a cross-searchable library containing the full text of over 750 Oxford books in the areas of Economics and Finance, Philosophy, Political Science, and Religion. Specially-commissioned abstracts and keywords are available at book and chapter level, and at least 200 new and recently-published books will be added each year.

### **Pacific Manuscripts Bureau (Pambu)**

<http://asiapacific.anu.edu.au/pambu/>

The Pacific Manuscripts Bureau, Pambu, copies archives, manuscripts and rare printed material relating to the Pacific Islands. The aim of the Bureau is to help with long-term preservation of the documentary heritage of the Pacific Islands and to make it accessible. Pambu microfilms comprise the most extensive collection of non-government primary documentation on the Pacific Islands available to researchers.

### **Paperity - Open Science Aggregated**

<http://paperity.org/>

Paperity is the first multi-disciplinary aggregator of Open Access journals and papers, "gold" and "hybrid". It: a) gives readers easy and unconstrained access to thousands of journals from hundreds of disciplines, in one central location; b) helps authors reach their target audience, disseminate discoveries more effectively and maximize research impact; and c) raises exposure of journals, helps editors and publishers boost readership and encourage new submissions. Paperity is the way towards more efficient scholarly communication in all research fields, from Sciences, Technology, Medicine, to Social Sciences, to Humanities and Arts. Their ultimate goal is to aggregate 100% of Open Access literature, published in any place around the world, in any field of research.

### **Permanent Access to the Records of Science in Europe (PARSE)**

<http://www.parse-insight.eu/>

PARSE.Insight is a two-year project co-funded by the European Union under the Seventh Framework Programme. It is concerned with the preservation of digital information in science, from primary data through analysis to the final publications resulting from the research. The problem is how to safeguard this valuable digital material over time, to ensure that it is accessible, usable and understandable in future. The rapid pace of change in information technology threatens media, file formats and software with obsolescence,



and changing concepts and terminology also mean that, even if data can be read, it might not be correctly interpreted by future generations. Many initiatives are already under way in this area, and the aim of the PARSE.Insight project is to develop a roadmap and recommendations for developing the e-infrastructure in order to maintain the long-term accessibility and usability of scientific digital information in Europe.

### **Perseus Lookup Tool**

<http://www.perseus.tufts.edu/hopper/search?redirect=true>

The Perseus Project is an evolving digital library of resources for the study of the humanities. We are funded to perform research on developing tools to provide users with improved access to various types of materials. Past work has focused on building and linking together collections. Current work considers ways of developing and refining tools for presentation of the materials in the Perseus DL

### **Popular Science Archives Search**

<http://www.popsci.com/archives>

They have partnered with Google to offer their entire 137-year archive for free browsing. Each issue appears just as it did at its original time of publication, complete with period advertisements. It's an amazing resource that beautifully encapsulates our ongoing fascination with the future, and science and technology's incredible potential to improve our lives.

### **PQDT Open - Full Text of Open Access Dissertations and Theses**

<http://pqdtopen.proquest.com/>

PQDT Open provides the full text of open access dissertations and theses free of charge. You can quickly and easily locate dissertations and theses relevant to your discipline, and view the complete text in PDF format. The authors of these dissertations and theses have opted to publish as open access. Open Access Publishing is a new service offered by ProQuest's UMI Dissertation Publishing, and they expect to have many more open access dissertations and theses over time.

### **Prospector Academic, Public and Special Library Search Engine**

<http://prospector.coalliance.org/>

Prospector is a unified catalog of twenty three academic, public and special libraries in Colorado and Wyoming. Through Prospector you have access to over 20 million books, journals, DVDs, CDs, videos and other materials held in these libraries. With a single search you can identify and borrow materials from the collections and have them delivered to your local library.



## **Psychology**

<http://www.cogsci.ecs.soton.ac.uk/psychology/>

Psychology is a refereed international, interdisciplinary electronic journal sponsored by the American Psychological Association (APA) and indexed by APA's PsycINFO and by Institute for Scientific Information. Psychology publishes target articles and peer commentary in all areas of psychology as well as cognitive science, neuroscience, behavioral biology, artificial intelligence, robotics/vision, linguistics and philosophy.

## **Pubget - Search Across BioMedicine PDFs**

<http://pubget.com/>

Pubget is the comprehensive source for science PDFs, including everything you'd find in Medline. They add 10,000 new papers each day. Pubget is the search engine for life science PDFs. Pubget makes scientific research easier by simplifying the process of finding, managing and analyzing scientific papers. The core solution at [www.pubget.com](http://www.pubget.com) provides article-level tools making content discovery, access and copyright management much easier for the user.

## **Publications.USA.gov - United States Publications**

<http://publications.usa.gov/>

For more than 40 years, the Federal Citizen Information Center (FCIC) has been a trusted one-stop source for answers to questions about consumer problems and government services. FCIC, part of the General Services Administration's Office of Citizen Services and Innovative Technologies, has traditionally provided publications to consumers via the publications distribution center in Pueblo, Colorado. The Pueblo.GSA.gov website was where consumers could go to find information and order publications on a variety of topics from the federal government. Publications.USA.gov replaces the former Pueblo.GSA.gov. The new site provides better navigation; search; shopping experience; and now some of your favorite publications in popular e-reader formats.

## **PublicData.eu - Europe's Public Data**

<http://publicdata.eu/>

PublicData.eu is a Pan European data portal, providing access to open, freely reusable datasets from local, regional and national public bodies across Europe. PublicData.eu aims to: a) Provide a single point of access to official open datasets from across Europe (it can be difficult to find datasets buried deep in official websites); b) Overcome language barriers by aggregating datasets from official websites of public bodies in different countries, in multiple languages; c) Provide licensing information for datasets and metadata about datasets so that data users know what they can and cannot do with the data; d) Enable users to browse, explore and compare datasets by region, subject matter and format; and e) Offer users a personalised view enabling them to follow datasets, groups and users relevant to their interests.



### **Public Library of Science**

<http://www.publiclibraryofscience.org/>

PLoS Biology and PLoS Medicine are the current open source journals available for search and free download from the Public Library of Science. Additional journals are being developed.

### **PubMed Central**

<http://pubmedcentral.com/>

PubMed Central (PMC) is the U.S. National Library of Medicine's free digital archive of biomedical and life sciences journal literature. With PubMed Central, NLM is taking the lead in preserving and maintaining unrestricted access to the electronic literature, just as it has done for decades with the printed biomedical literature. PubMed Central aims to fill the role of a world class library in the digital age. It is not a journal publisher. NLM believes that giving all users free and unrestricted access to the material in PubMed Central is the best way to ensure the durability and utility of the archive as technology changes over time.

### **PubSub**

<http://www.pubsub.com/>

A search engine that allows you to monitor blogs, newsgroups, SEC filings and other selected resources. It has the capability to match your keyword query against selected sources in real-time. Excellent resource discovery tool to keep you current in the academic research area of your interest on the Internet.

### **Q-Sensei - Searching Millions of Scholarly Articles**

<http://lambda.qsensei.com/>

Q-Sensei introduces a new way of making information accessible. Their goal is to provide advanced search tools for the vast amount of information available on the Internet, in books, research articles, blogs, news, or wikis. They currently provide access to the first several million scholarly articles. Q-Sensei's approach applies innovative search technologies to various heterogeneous data pools; their users can easily browse through a data source as well as discover cross-references between individual records. The data on the Q-Sensei web site is compiled from the Internet and from our content partners. They process the data and extract information to be displayed within a scheme of Kinds and Attributes. The results can be easily and intuitively accessed with Q-Sensei's patented Search and Presentation engine. Their technology supports multi-dimensional searches, gives further search suggestions, and provides clear and concise overviews of the current stage of the search.



## **Quandl - Search Over 7,000,000 Financial, Economic and Social Datasets**

<http://www.quandl.com/>

Quandl has indexed millions of time-series datasets from over 400 sources. All of Quandl's datasets are open and free. You can download any Quandl dataset in any format that you want. You can also visualize, save, share, authenticate, validate, upload, index, merge and transform data. Their long-term goal is to make all the numerical data on the internet easy to find & easy to use. New feature: Multisets - instantly combine datasets through the API. New comprehensive topic pages for India & Russia.

## **RADAR - Open Searchable Archive of Brookes Research**

<http://radar.brookes.ac.uk/radar/>

RADAR provides both an open searchable archive of Brookes research, and a flexible way to manage and share teaching materials. It forms part of the university's strategy to support research-informed teaching.

## **Ranking Web of World Repositories**

<http://repositories.webometrics.info/>

As in the previous edition they provide two global Rankings. One that covers all repositories (Top400) and another that focuses only on Institutional Repositories (Top 400 Institutional). They are considering to include in future editions portals of journals and papers (super repositories). The composite index (World Ranking) is computed combining normalized values instead of ranks. The visibility is calculated giving extra importance to the external inlinks not coming from generic domains (.com, .org, .net). The figures for rich files (pdf, doc, ppt, ps, and new for this edition, xls) are combined and not treated individually.

## **RDN – ePrints UK Projecy**

<http://eprints-uk.rdn.ac.uk/>

ePrints-UK harvests metadata from approximately 30 institutional repositories on a daily basis. A demonstration of a simple search service based on the harvested metadata has been made available now. In future the project intends to enhance metadata available for searching by means of name authority file checks and automatic subject classification.

## **References and Resources for Just-in-Time Teaching**

<http://serc.carleton.edu/introgeo/justintime/references.html>

The scholars at the Science Education Resource Center (SERC) at Carleton College have created this set of Just-in-Time Teaching (JiT) resources designed for the busy educator. Visitors can learn how to use these resources in a range of different disciplines, including biology, chemistry, economics, and the history of photography. Additionally, there is a list of general resources, such as newsletters and articles, that discuss how to implement



these practices into the classroom. In the Complementary Pedagogies area visitors can look over helpful "how-tos" in peer instruction, reading question development, and more.

### **RefSeek - Academic Search Engine for Students and Researchers**

<http://www.refseek.com/>

RefSeek is a web search engine for students and researchers that aims to make academic information easily accessible to everyone. RefSeek searches more than one billion documents, including web pages, books, encyclopedias, journals, and newspapers. RefSeek's unique approach offers students comprehensive subject coverage without the information overload of a general search engine—increasing the visibility of academic information and compelling ideas that are often lost in a muddle of sponsored links and commercial results.

### **Registry of Open Access Repositories (ROAR)**

<http://roar.eprints.org/>

The aim of ROAR is to promote the development of open access by providing timely information about the growth and status of repositories throughout the world. Open access to research maximizes research access and thereby also research impact, making research more productive and effective.

### **Registry of U.S. Government Publication Digitization Projects**

<http://www.gpoaccess.gov/legacy/registry/>

The Registry contains records for projects that include digitized copies of publications originating from the U.S. Government. The projects may or may not be Federally funded. They are from libraries, government agencies, or other non-profit institutions. The projects in the Registry are either entirely composed of digitized, U.S. Government publications or include a substantial number of them.

### **Regulations.gov - Search**

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

Regulations.gov is your source for all regulations (or rulemakings) issued by U.S. government agencies. On this site, you can find: a) All Federal regulations that are open for public comment (i.e., proposed rules) and closed for comment (i.e., final rules) as published in the Federal Register; b) Many Federal agency notices published in the Federal Register; and c) Additional supporting materials, public comments, and Federal agency guidance and adjudications. When you find a document, you can also submit comments through the web site on those documents that are open for public comment.

### **RePEc (Research Papers in Economics)**

<http://repec.org/>

RePEc (Research Papers in Economics) is a collaborative effort of hundreds of volunteers





in 71 countries to enhance the dissemination of research in economics. The heart of the project is a decentralized database of working papers, journal articles and software components. All RePEc material is freely available. The RePEc database holds over 945,000 items of interest, over 815,000 of which are available online.

### **Research Accelerators - Achieve Research Results Faster With These Tools, Services, and Resources**

<http://research.microsoft.com/en-us/collaboration/tools/default.aspx>

Research Accelerators are for students, computer and research scientists, and academics. These resources help you manage scholarly works, teach and explore science, analyze and visualize data, and publish the results of your research. Many of our releases are open source or have open interfaces, enabling communities to evolve and build on these solutions in collaboration with Microsoft Research engineers and researchers.

### **Research at Google**

<http://research.google.com/>

Research at Google is unique. Because so much of what they do hasn't been done before, the lines between research and development are often very blurred. This hybrid approach allows their discoveries to affect the world, both through improving Google products and services, and through the broader advancement of scientific knowledge.

### **RLO-CETL Learning Object Repository Harvester**

<http://www.rlo-cetl.ac.uk/harvester2/>

This search engine allows you to search the RLO-CETL's Reusable Learning Object (RLO) repository without the need to log in to the repository. You can also get a preview of the learning objects in action, though in order to download RLOs you'll need to login to the repository.

### **SAGE Open**

<http://www.sagepub.com/sageopen/landing.sp>

SAGE Open is a new open access publication from SAGE. It will publish peer-reviewed, original research and review articles in an interactive, open access format. Articles may span the full spectrum of the social and behavioral sciences and the humanities. SAGE Open seeks to be the world's premier open access outlet for academic research. As such, unlike traditional journals, SAGE Open does not limit content due to page budgets or thematic significance. Rather, SAGE Open evaluates the scientific and research methods of each article for validity and accepts articles solely on the basis of the research. This approach allows readers greater access and gives them the power to determine the significance of each article through SAGE Open's interactive comments feature and article-level usage metrics. Likewise, by not restricting papers to a narrow discipline,



SAGE Open facilitates the discovery of the connections between papers, whether within or between disciplines.

### **SAO/NASA Astrophysics Data System (ADS)**

<http://adswww.harvard.edu/>

The SAO/NASA Astrophysics Data System (ADS) is a Digital Library portal for researchers in Astronomy and Physics, operated by the Smithsonian Astrophysical Observatory (SAO) under a NASA grant. The ADS maintains three bibliographic databases containing more than 9.5 million records: Astronomy and Astrophysics, Physics, and arXiv e-prints. The main body of data in the ADS consists of bibliographic records, which are searchable through highly customizable query forms, and full-text scans of much of the astronomical literature which can be browsed or searched via their full-text search interface. They currently have links to over 9.0 million records maintained by their collaborators.

### **Scholarpedia - Peer-Reviewed Open-Access Encyclopedia**

<http://www.scholarpedia.org>

Founded in 2005 by neuroscientist Eugene M. Izhikevich, Scholarpedia is a cross between Wikipedia and a scholarly journal. It differs from Wikipedia, however, in one significant way: it is peer reviewed and any of its articles can be cited like journal articles. Each topic page on Scholarpedia is overseen by a curator, a recognized expert in the field who must approve all revisions. (The curator's identity and credentials appear at the top of each page). New pages must be sponsored by a curator and reviewed by at least two other scholars. As the page notes, "This hybrid model allows Scholarpedia articles to serve as a bridge between traditional peer-reviewed journals and more dynamic and up-to-date wikis without compromising quality or trustworthiness." This peer-reviewed encyclopedia is continuing to grow, but currently hosts detailed pages related to numerous disciplines - especially science and mathematics fields.

### **Scholar's Guide to WWW**

<http://tigger.uic.edu/~rjensen/>

A comprehensive guide to resources on the world wide web for scholars created by Richard Jensen and updated with monthly versions.

### **Scholar Universe - Find Scholarly Experts On Any Topic**

<http://www.scholaruniverse.com/>

COS Scholar Universe™ brings a world of research and scholarship to one easily searchable database. With 2 million profiles, it helps researchers and academics connect with colleagues with shared interests while expanding their networks to include previously unknown people working in related fields or in other areas of the world. Features include: a) Comprehensive – 2 million profiles of active full-time faculty—



authors, researchers and scholars; b) Broad in scope – International and multidisciplinary; c) Well-rounded – data comes from multiple sources, including the scholars themselves; d) Accurate and current – Editorially controlled and regularly updated; and e) Facilitates discovery – keyword-searchable, with faceted search results to help searchers explore beyond their current spheres of knowledge. Scholar Universe™ is an essential resource for publishers, corporations, and journalists – any organization that needs to draw on external expertise.

### **SciELO - Scientific electronic library online**

[http://www.scielo.cl/scielo.php?script=sci\\_home&lng=en&nrm=iso](http://www.scielo.cl/scielo.php?script=sci_home&lng=en&nrm=iso)

The Scientific Electronic Library Online - SciELO is a searchable electronic virtual library covering a selected collection of Brazilian scientific journals. The library is an integral part of a project being developed by FAPESP - Fundação de Amparo à Pesquisa do Estado de São Paulo, in partnership with BIREME - the Latin American and Caribbean Center on Health Sciences Information. The FAPESP-BIREME Project envisages the development of a common methodology for the preparation, storage, dissemination and evaluation of scientific literature in electronic format.

### **Science.gov**

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

Science.gov is a gateway to over 50 million pages of authoritative selected science information provided by U.S. government agencies, including research and development results.

### **Science Accelerator - Search Key Resources from DOE OSTI**

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

Science Accelerator searches science, including R&D results, project descriptions, accomplishments, and more, via resources made available by the Office of Scientific and Technical Information (OSTI), U.S. Department of Energy. Science Accelerator was developed and is made available by OSTI as a free public service.

### **Science Commons**

<http://creativecommons.org/science>

Science Commons is a new project of Creative Commons and launched on January 1, 2005. The mission of Science Commons is to encourage scientific innovation by making it easier for scientists, universities, and industries to use literature, data, and other scientific intellectual property and to share their knowledge with others. Science Commons works within current copyright and patent law to promote legal and technical mechanisms that remove barriers to sharing.



### **ScienceDirect Full Text Scientific Database**

<http://www.sciencedirect.com/>

A leading full-text scientific database offering journal articles and book chapters from over 3,500 journals and more than 34,000 books. Currently 13,859,764 articles on ScienceDirect

### **Science Information Network (SINET)**

<http://www.sinet.ad.jp/>

The Science Information Network (SINET) is a Japanese academic backbone network for more than 700 universities and research institutions. It connects many research facilities in such fields as seismology, space science, high-energy physics, nuclear fusion, computing science, and so on. It is now being used by over 2 million users and supports international research collaboration through international lines. SINET4 began operations in April 2011, and it replaces the previous SINET3. SINET4 plays an important role as the core component of the Cyber Science Infrastructure(CSI).

### **ScienceOpen**

<https://www.scienceopen.com>

Launched in 2014, ScienceOpen is more than just an open access journal. Rather, this publishing network strives to facilitate open and public communication by connecting scientists, encouraging collaboration, and facilitating open-source peer review. To this end, ScienceOpen employs a unique "post-publication peer review process" that allows researchers to publish papers after a brief, one-week general review. This serves to ensure that the research meets basic ethics requirements. Once published, other researchers can provide feedback to authors. The original authors, in turn, are invited to post revised versions of their papers. ScienceOpen currently hosts almost 15,000,000 articles, which visitors may search/browse by discipline

### **Science Research**

<http://www.ScienceResearch.com/>

ScienceResearch.com is a free, publicly available Internet Web portal allowing access to numerous scientific journals and public science databases. ScienceResearch.com is designed to allow students, teachers, professors, researchers, and the general public to access information from both public and private research journals and databases via a single portal.

### **Sci-Hub - First Pirate Website To Provide Mass and Public Access to Tens of Millions of Research Papers**

<http://sci-hub.io/>

A research paper is a special publication written by scientists to be read by other researchers. Papers are primary sources necessary for research – for example, they



Academic and Scholar Search Engines and Sources – An Internet Annotated Link Dataset Compilation

[Updated October 1, 2017]

<http://www.ScholarSearchEngines.com/>

[zillman@VirtualPrivateLibrary.com](mailto:zillman@VirtualPrivateLibrary.com)

eVoice: 800-858-1462

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contain detailed description of new results and experiments. Research Papers they have in their library: more than 47,000,000 and growing. At this time the widest possible distribution of research papers, as well as of other scientific or educational sources, is artificially restricted by copyright laws. Such laws effectively slow down the development of science in human society. The Sci-Hub project, running from 5th September 2011, is challenging the status quo.

### **Scirus - Searching for Science**

<http://www.scirus.com/>

Scirus is the most comprehensive science-specific search engine on the Internet. Driven by the latest search engine technology, Scirus searches over 167 million science-specific Web pages, enabling you to quickly: 1) Pinpoint scientific, scholarly, technical and medical data on the Web, 2) Find the latest reports, peer-reviewed articles and journals that other search engines miss, and 3) Offer unique functionalities designed for scientists and researchers.

### **SciSeek**

<http://www.sciseek.com/>

Features an enhanced search engine serving only human-edited science and nature specific returns, SciSeek.com will return all your favorite features including its interactive forum communities, the latest press science news.

### **Scitation**

<http://scitation.aip.org/>

Discover more than one million documents from scholarly journals, magazines, conference proceedings, and other special publications from prestigious scientific societies and technical publishers.

### **Sciweavers - Academic Bookmarking Network Aggregates Links to Research Papers Preprints**

<http://www.sciweavers.org/>

Sciweavers is an academic bookmarking network that aggregates links to research paper preprints then categorizes them into their respected proceedings. The preprint links of a given proceedings are sorted using different mechanisms derived from our traffic to help researchers quickly discover top ranked papers. Moreover, Sciweavers offers very useful free online academic tools. Our mission is to promote significant work and author visibility.

### **Sciyo.com - Where Knowledge Is Free**

<http://sciyo.com/>

Sciyo.com is a fast-growing open access scientific publisher, enabling barrier-free access



to the latest research developments, knowledge and ideas within the field of Science and Technology. 21 employees, 140 editors and over 300 reviewers work on delivering great service to our community members - their authors and all the other brilliant minds in pursuit of knowledge. To this date they have helped over 10,000 leading academics in making their work accessible to diverse new audiences across the world. Sciyo.com is equipped with a mix of useful tools and resources improving the quality and the speed of the publication, as well as opening up possibilities for community members to connect and share knowledge.

### **Scopus - World's Largest Abstract Database of Scientific Literature**

<http://www.scopus.com/>

Scopus is a single Abstract and Indexing (A&I) database, which covers 18,000 scientific, technical, medical and social sciences titles from 5,000 STM publishers. Also 167+ million scientific web pages going back forty years. Scopus offers cross-discipline access to 27 million abstracts and citations, back to 1966, including cited references from 1996 onwards. Scopus is about making searching easier and research more efficient. Built over two years together with more than 300 researchers and librarians from 21 research institutions worldwide, Scopus allows researchers to focus on the outcomes of their research, rather than on operating the database to find the literature they need.

### **SearchEDU**

<http://www.searchedu.com/>

Searches all the .edu sites (20 million+ pages) on Google with your query and brings back the results inside a Google page.

### **Search Engines Colossus Academic Search Engines**

<http://www.searchenginecolossus.com/Academic.html>

The listing of individual selected academic search engines within the overall listings of the Search Engines Colossus site.

### **Search the Public Papers of the Presidents**

<http://www.gpo.gov/nara/pubpaps/srchpaps.html>

This online service makes available material that was compiled and published by the Office of the Federal Register, National Archives and Records Administration, in hardcover printed volumes entitled The Public Papers of the Presidents of the United States. Select the database(s) to be searched. Enter search terms in the space provided.

### **Semantic Scholar - Free Scientific Literature Search and Discovery**

<http://allenai.org/semantic-scholar.html>

With millions of research papers published every year, there is a huge information overload in scientific literature search. Semantic Scholar leverages our AI expertise to



help researchers find the most relevant information efficiently. We utilize methods from data mining, natural-language processing, and computer vision to create powerful new search and discovery experiences. Starting with Computer Science in 2015, we plan to scale the service to additional scientific areas over the next few years in support of AI2's mission of "AI for the Common Good". Semantic Scholar features: a) Ability to provide an overview or quickly find the most relevant survey papers for a topic; b) Filtering search results using automatically generated facets like authors and venues; c) Identifying "key" citations to overcome citation overload; d) Extracting and making figures and captions more easily accessible; and e) Identifying and presenting useful concepts and their relationships. How Semantic Scholar works: 1) PDF Extraction - State of the art PDF extraction mechanisms specifically targeted to scholarly articles; 2) Targeted Search Index - For serving relevant results for queries specific to the academic domain; and 3) Customized GUI - A user interface tailored to academic search with features supporting the academic community.

### **Serendip-o-matic Search Engine - Connects Your Sources to Digital Materials in Libraries, Museums and Archives Around the World**

<http://serendipomatic.org/>

Serendip-o-matic connects your sources to digital materials located in libraries, museums, and archives around the world. By first examining your research interests, and then identifying related content in locations such as the Digital Public Library of America (DPLA), Europeana, and Flickr Commons, our serendipity engine helps you discover photographs, documents, maps and other primary sources. Whether you begin with text from an article, a Wikipedia page, or a full Zotero collection, Serendip-o-matic's special algorithm extracts key terms and returns a surprising reflection of your interests. Because the tool is designed mostly for inspiration, search results aren't meant to be exhaustive, but rather suggestive, pointing you to materials you might not have discovered.

### **SHared Access Research Ecosystem (SHARE)**

<http://www.arl.org/focus-areas/shared-access-research-ecosystem-share>

The SHared Access Research Ecosystem (SHARE) is a higher education and research community initiative to ensure the preservation of, access to, and reuse of research outputs. SHARE will develop solutions that capitalize on the compelling interest shared by researchers, libraries, universities, funding agencies, and other key stakeholders to maximize research impact, today and in the future. SHARE aims to make the inventory of research assets more discoverable and more accessible, and to enable the research community to build upon these assets in creative and productive ways. The Association of Research Libraries (ARL), the Association of American Universities (AAU), and the Association of Public and Land-grant Universities (APLU) have partnered to develop SHARE with significant input from the three associations' member institutions and their broader stakeholder communities.





### **Smithsonian Research Online**

<http://research.si.edu/>

Smithsonian Research Online is a set of services to the research community both within and outside the Smithsonian Institution. Managed by the Smithsonian Institution Libraries, the program assists in capturing the research output of Smithsonian scholars and making it available to Institutional management as well as scientists and historians world-wide.

### **Social Science Data Search**

<http://sunsite3.berkeley.edu/wikis/datalab/index.php?n=Main.GoogleSearch>

This Google Custom Search Engine (CSE) targets 800+ academic, government agency, non-profit, and other web sites that provide high quality, downloadable statistical information and data sets. Emphasis is on data pertaining to the social sciences, health, developing countries, energy, natural resources, and the environment.

### **Social Science Research Network - Search**

<http://papers.ssrn.com/sol3/DisplayAbstractSearch.cfm>

Access SSRN eLibrary and search for author, title, abstract and keywords. You may also browse the SSRN Networks and eJournal Subject Areas or browse JEL Codes.

### **SourceForge.net Research Data**

<http://sourceforge.net/>

SourceForge.net is the world's largest Open Source software development web site, with the largest repository of Open Source code and applications available on the Internet. Owned and operated by OSTG, Inc. ("OSTG"), SourceForge.net provides free services to Open Source developers. The SourceForge.net web site is database driven and the supporting database includes historic and status statistics on over 140,000 projects and over 1.5 million registered users' activities at the project management web site. OSTG has shared certain SourceForge.net data with the University of Notre Dame for the sole purpose of supporting academic and scholarly research on the Free/Open Source Software phenomenon.

### **Spectrum Open Access Research Repository**

<http://spectrum.library.concordia.ca/>

Spectrum, Concordia University's open access research repository, provides access to and preserves research created at Concordia. By depositing in Spectrum, Concordia scholars provide free and immediate access to their work and thus increase the visibility of both their own research and their university's intellectual output. Open access leads to the increased research profile and impact of scholars by bringing about greater levels of readership and citation of their publications.



### **SSRN Electronic Library Abstract Search**

<http://papers.ssrn.com/sol3/DisplayAbstractSearch.cfm>

Social Science Research Network (SSRN) is devoted to the rapid worldwide dissemination of social science research and is composed of a number of specialized research networks in each of the social sciences To search for an abstract by title or abstract body, enter one or more words in the 'Key Word' field and click the Search button and check the appropriate boxes. SSRN eLibrary Stats: Abstracts: 82,138 Full Text Papers: 57,265 Authors: 44,148

### **STICS Search Engine - Searching with Strings, Things and Cats**

<http://stics.mpi-inf.mpg.de>

STICS has been developed at the Max Planck Institute for Informatics and already presented as a Demo at SIGIR 2014. By extending the Google slogan of "things, not strings" to support also entity categories, STICS provides powerful functionality for querying and analyzing news and other text corpora in terms of entities, semantic classes, and text phrases. STICS is based on state-of-the-art methods for named entity recognition and disambiguation (AIDA [1]), linking them to knowledge bases like YAGO and the Wikipedia category system. The online service currently has indexed 1,000,000 news articles since June 2013, with more than 22 million entity occurrences of 300,000 distinct entities.

### **STN on the Web**

<http://stnweb.fiz-karlsruhe.de/html/english/>

STN International is the online scientific and technical information service dedicated to meeting the information needs of scientists, engineers, and information professionals throughout the world. STN provides a complete collection of in-depth databases in science and technology to give you quick, direct links to the literature, patents, and chemical catalogs.

### **Storming Media**

<http://www.StormingMedia.us/>

Storming Media provides unclassified reports and documents from the Pentagon about science, technology, strategy or policy. They provide these papers at significantly below the prices chosen by the National Technical Information Service (NTIS), a government agency that sells these items.

### **STORRE - Stirling Online Research Repository**

<https://dspace.stir.ac.uk/dspace/index.jsp>

STORRE holds a small, but growing, collection of the research output of University of Stirling authors. It includes published journal articles, conference papers, book chapters, working papers, etc. As a result of the mandate of September 2008 the repository will



continue to develop as an important source of free full text access to Stirling's research output. STORRE also holds the full text of all University of Stirling research theses from September 2006 onwards; covering PhDs and Masters by Research.

### **Swoogle**

<http://swoogle.umbc.edu/>

Swoogle is a crawler-based indexing and retrieval system for the Semantic Web -- RDF and OWL documents encoded in XML or N3. Swoogle extracts metadata for each discovered document, and computes relations among them. Discovered documents are also indexed by an information retrieval system which can use either character N-Gram or URIrefs as keywords to find relevant documents and to compute the similarity among a set of documents. One of the interesting properties we compute is *ontology rank*, a measure of the importance of a Semantic Web document.

### **Symbolab - Scientific Equation Semantic Search Engine**

<http://symbolab.com/>

Symbolab is a semantic web search engine for math and science. It allows users to search for equations, formulas and expressions using mathematical symbols and scientific notations as well as full text search. The stated goal of the site is to provide the most relevant search results that are theoretically and semantically similar, rather than visually. This is done, partly, by applying proprietary machine learning algorithms in order to understand the meaning and context of the search queries. Symbolab indexes the full text and equations of online encyclopedias, dictionaries, academic publications, lectures, books and more currently covering mathematics, physics and chemistry.

### **TalkMiner - Search Inside Video Lectures and Talks**

<http://talkminer.com/>

Lecture webcasts are readily available on the Internet. These include class lectures, research seminars and product demonstrations. Webcasts routinely combine presentation slides with either a synchronized audio stream (i.e., podcast) or an audio/video stream. Conventional web search engines retrieve this content if you include "webcast" or "lecture" among your search terms, or search a website that specifically organizes lecture content. But users, particularly students, want to find the place in a lecture when an instructor covers a specific topic. Answering these queries requires a search engine that can search within the webcast to identify important keywords. TalkMiner aggregates and indexes lecture videos available across the internet.

### **TechXtra - Indepth Academic and Scholar Search**

<http://www.techxtra.ac.uk/>

TechXtra is a suite of ten freely available services which simplify access to a multitude of different types of technology information from a host of different sources. TechXtra



facilitates immediate access to the freely available full-text content of hundreds of thousands of eprints, technical reports, theses, articles, news items, job announcements and more. In cases where the full-text is not freely available, TechXtra provides links to vendors for pay-per-view options. TechXtra searches a combination of digital repositories, journal databases, technical reports servers, web information, news sources and more, all with a focus on technology information.

### **The Clearinghouse for the Open Research of the United States (CHORUS)**

<http://search.chorusaccess.org/>

The Clearinghouse for the Open Research of the United States (CHORUS) is a not-for-profit public-private partnership to increase public access to peer-reviewed publications that report on federally funded research. Conceived by publishers, CHORUS: a) Provides a full solution for agencies to comply with the OSTP memo on public access to peer-reviewed scientific publications reporting on federally-funded research; b) Builds on publishers' existing infrastructure to enhance public access to research literature, avoiding duplication of effort, minimizing cost to the government and ensuring the continued availability of the research literature; c) Serves the public by creating a streamlined, cohesive way to expand access to peer-reviewed articles reporting on federally-funded research. Reflecting the OSTP memo, CHORUS will present and preserve these as digital form, final peer-reviewed manuscripts or final published documents; d) Supports funding agencies in fulfilling the OSTP directive to provide public access, use public-private partnerships where possible and avoid extra-budgetary costs; CHORUS would require little to no federal funding, and e) Utilizes current and developing tools, resources and protocols for identification, discovery, access, preservation and compliance (such as CrossRef, FundRef and ORCID), ensuring continued innovation in the delivery of scholarly communication.

### **The Getty Search Gateway**

<http://search.getty.edu/gateway/landing>

The Getty Search Gateway allows users to search across several of the Getty repositories, including collections databases, library catalogs, collection inventories, and archival finding aids. This tool is designed to help researchers, scholars, and educators discover the variety of resources available across the Getty's collections, which include collections in each the four programs: the J. Paul Getty Museum, the Getty Conservation Institute, the Getty Foundation, and the Getty Research Institute.

### **The Inderscience Journals Catalogue**

<http://www.inderscience.com/catalogue/>

The Inderscience Journals Catalogue is available and gives details of the 170 journals they publish in: Engineering, Computing/ICT and Technology; Energy, Environment and



Sustainable Development; Management and Business Administration; Healthcare, Sport and Leisure.

### **The Open-Video Project**

<http://www.open-video.org/>

The purpose of the Open Video Project is to collect and make available a repository of digitized video content for the digital video, multimedia retrieval, digital library, and other research communities. Researchers can use the video to study a wide range of problems, such as tests of algorithms for automatic segmentation, summarization, and creation of surrogates that describe video content; the development of face recognition algorithms; or creating and evaluating interfaces that display result sets from multimedia queries.

### **The Scientific Article Search and Order Engine**

<http://articlesciences.inist.fr/>

A service provided by INstitut de l'Information Scientifique et Technique of Centre National de la Recherche Scientifique. To improve your search do not hesitate to utilize foreign language equivalent for the words your initially entered.

### **The Virtual Learning Resources Center**

<http://www.virtuallrc.com/>

The Virtual Learning Resources Center facilitates students in their search for quality information for school and college academic projects. There are many quality sites on the Web that provide actual information or links to information covering a variety of subjects. At the present time the Virtual LRC indexes approximately 9,000 quality information web pages, all selected by librarians and teachers.

### **Think Tank Search - Custom Search for More Than 590 Think Tanks and Research Centers**

[http://guides.library.harvard.edu/hks/think\\_tank\\_search](http://guides.library.harvard.edu/hks/think_tank_search)

Think Tank Search is a custom Google search of more than 590 think tank websites. For the purposes of this search, think tanks are defined as institutions affiliated with universities, governments, advocacy groups, foundations, non-governmental organizations, and businesses that generate public policy research, analysis, and activity. Inclusion is based upon the relevancy of subject area to HKS coursework and scholarship, the availability of the think tank's research in full-text on the website, and the think tank's reputation and influence upon policy making. The list represents a mixture of partisan and non-partisan think tanks.



## **ThoughtMesh - Publishing and Discovering Scholarly Papers Online**

<http://thoughtmesh.net/>

ThoughtMesh is an unusual model for publishing and discovering scholarly papers online. It gives readers a tag-based navigation system that uses keywords to connect excerpts of essays published on different Web sites. Add your essay to the mesh, and ThoughtMesh gives you a traditional navigation menu plus a tag cloud that enables nonlinear access to text excerpts. You can navigate across excerpts both within the original essay and from related essays distributed across the mesh.

## **Translation Tools**

<http://www.faganfinder.com/translate/>

Freely available translation tools allowing one to translate various scholarly and academic articles and sources.

## **Trove Search – National Library of Australia**

<http://trove.nla.gov.au/>

Trove is a discovery experience focused on Australia and Australians. It supplements what search engines provide. If you are researching in the fields of the social sciences, literature, local or family history, or need inspiration for your school assignment, then this is the tool for you. Find and get over [299,114,232](#) Australian and online resources: books, images, historic newspapers, maps, music, archives and more.

## **U101 - Search Colleges and Universities in the United States and Canada**

<http://u101.com/>

U101 has links to help you find out about more than 4000 universities, colleges, community colleges and vocational schools in the US and Canada. Find information on admissions, courses, degree programs, online education and more.

## **UCL Eprints**

<http://eprints.ucl.ac.uk/>

UCL Eprints collects the work of UCL researchers and makes it freely available over the web, helping the worldwide scholarly community to discover UCL research. Institutional repositories like UCL Eprints complement the traditional academic publishing and scholarly communications processes. They raise the visibility of research and help to maximise its impact. UCL researchers are encouraged to deposit a copy of each journal article, conference paper, working paper, and any other research output, in the UCL Eprints at the earliest opportunity, ensuring that their research reaches as wide an audience as possible. UCL Eprints can also accommodate papers presented at conferences, workshops and other meetings held at UCL



### **UK Data Archive (UKDA)**

<http://www.data-archive.ac.uk/>

The UK Data Archive (UKDA) is an internationally-renowned centre of expertise in data acquisition, preservation, dissemination and promotion; and is curator of the largest collection of digital data in the social sciences and humanities in the UK. The UKDA provides resource discovery and support for secondary use of quantitative and qualitative data in research, teaching and learning as a lead partner of the Economic and Social Data Service. The UKDA houses AHDS History and Census.ac.uk and supports the National Centre for e-Social Science. The UKDA promotes access to research data at an international level via membership of Council of European Social Science Data Archives and Inter-university Consortium for Political and Social Research, provides preservation services for other data organisations, and is a designated place of deposit for The National Archives.

### **University Videos Search**

<http://universityvideos.org/Home>

This new Digital Library portal contains the metadata of the YouTube Channels of the world's Top Universities. Viewing University Videos within the Digital Library provides viewer-enhancements that will make these videos attract and keep more viewers. User Benefits: there are four main user-enhancement features to watch for: 1) Video transcript plays in sync with the playing video, enhancing the user experience; 2) Video Search - enhanced and advanced search capabilities, plus hit to hit navigation; 3) Video Clip and Share - instant and automatic sharing of important video clips; and 4) Video Transcript Navigation, allowing viewers to jump to any spot in the video.

### **Unpaywall - New OA Discovery – Read Pay Walled Research Papers for Free**

<https://blogs.wayne.edu/scholarscoop/2017/03/20/unpaywall/>

<http://unpaywall.org/>

Unpaywall operates on the same principle as oaDOI: it hooks onto an article's DOI and searches a number of sources for an OA version of that article. The main difference here is that, while oaDOI requires you to enter a DOI into a search box, Unpaywall is a Google Chrome extension and performs that search in the background automatically when you visit the landing page for an article. An unobtrusive tab will pop up on the page, as can be seen in the example to the right, which will be green if an OA link is found and gray if not. Users can then click the tab to be taken to an OA version of the article (if one was found). Finding a DOI and entering into a search isn't exactly an onerous task, but users are often unwilling to take those few extra steps; the streamlining that Unpaywall provides means that it's far more likely for researchers to bring into their usual workflow. Unpaywall officially releases on April 4th,





## **Unplag - Plagiarism Detection**

<https://unplag.com/>

Check academic papers for plagiarism on the fly ... Real-time check and Real-time web index. Unplag similarity detection engine checks academic papers literally on the fly. They perform real-time check against real-time web index ensuring you receive the most accurate similarity results. Features include: a) Check up to 5 papers online simultaneously - Choose up to 5 papers to check for plagiarism simultaneously with no decrease in speed. Should you accidentally log out, no worries, the process of checking will be finished automatically. b) View plagiarism check results in the most convenient way - It takes only 4 seconds per page to complete your plagiarism check. They keep the initial file formatting while applying "duplication mask" on top of the document. View plagiarism report online or download it in .pdf format; c) Easy-to-handle file manager supporting multiple file formats - Check .doc, .docx, .rtf, .txt, .odt, .html or .pdf files. Upload, drag and drop, remove, search, name or rename files and folders in any way you need; and d) Secure storage for your academic files - Keep your files in Unplag system and build your Personal papers Library along the way. Organize papers by course or semester and make Docs to Docs comparison to avoid self plagiarism.

## **Vadlo - Life Science Search Engine**

<http://vadlo.com/>

VADLO is brought to you by Life in Research, LLC., a company founded by two biology scientists who wish to make it easier to locate biology research related information on the web. The FASTEST growing search engine in Biology, VADLO caters to all branches of life sciences. With more than 500,000 visitors and 1.5 million pageviews per month, VADLO allows scientists to search within four unique categories: Protocols, Products, Powerpoints, and Bioinformatics. Protocols category lets you search for methods, techniques, assays, procedures, reagent recipes, plasmid maps, etc. Products category allows searching for commercially available life sciences research reagents. Powerpoints category finds powerpoint files for presentations, seminars, lectures and talks. Bioinformatics category caters calculators, servers, prediction tools, sequence alignment and manipulation tools, primer design etc.

## **Vascoda - Scientific and Scholarly Information Portal**

<http://snipurl.com/r2wn>

Vascoda is an interdisciplinary internet portal for scientific and scholarly information in Germany. Vascoda unites the internet services of numerous high-performance academic libraries and information institutions. Thanks to systematic grouping of different offerings in one combined portal, vascoda is able to offer an integrated scientific and scholarly information system with access to electronic full texts, document delivery services and pay-per-view options. Vascoda is now the basic module for a Digital Library Germany.



## **Virtual Learning Resources Center**

<http://www.virtuallrc.com/>

The mission of the Virtual Learning Resources Center is to index thousands of the best academic information websites, selected by teachers and library professionals worldwide, in order to provide to students and teachers current, valid information for school and university academic projects! The Virtual LRC is both a dedicated index of over 10,000 web pages maintained by a real human being, as well as a meta-search engine that includes in its results information gleaned from many of the best research portals and university and public library Internet subject guides recommended by teachers and librarians. The VLRC includes selected sites in a growing list of subject/information areas including: full-text magazines, newspapers, electronic text archives, art history, biography, biology, career information, psychology, history, government information, literature, medical information, social sciences, legal information, American Civil War, Art, Careers, Crime, Directories, Economics, Education, English Language, Electronic Texts, Foreign Languages, Geography, Genealogy, Government Information, Health/Medical, History, Legal Information, Lesson Plans, Literature, Mathematics, Music, Reference, Science, Technology, Tutorials on the Web, and Writing Style Guides. The Virtual LRC is actually a suite of three databases. In addition to the main index/browser/subject guide, there is also VLRC MagBot, full-text magazine reference and research site offering free hot-topic magazine and journal articles, and VLRC Alphamarks, the subject-classified bookmarks of the Virtual Learning Resources Center. Both VLRC MagBot and VLRC Alphamarks are indexed through the main VLRC index/meta search engine/web directory. These three in combination offer a powerful technology to help users find the most relevant information for their academic needs. The Virtual LRC, a completely free resource, is the creation of Dr. Michael Bell, former state chair of the Texas Association of School Librarians. The Virtual LRC is in a constant state of revision.

## **Virtual Technical Reports Center**

<http://www.lib.umd.edu/ENGIN/TechReports/Virtual-TechReports.html>

The Virtual Technical Reports Center - EPrints, Preprints, & Technical Reports on the Web. The Institutions listed on this site provide either full-text reports, or searchable extended abstracts of their technical reports on the World Wide Web. This site contains links to technical reports, preprints, reprints, dissertations, theses, and research reports of all kinds.

## **viXra.org - An Alternative Archive of 6393 e-prints in Science and Mathematics**

<http://vixra.org/>

ViXra.org is an e-print archive set up as an alternative to the popular arXiv.org service owned by Cornell University. It has been founded by scientists who find they are unable to submit their articles to arXiv.org because of Cornell University's policy of



endorsements and moderation designed to filter out e-prints that they consider inappropriate. ViXra is an open repository for new scientific articles. It does not endorse e-prints accepted on its website, neither does it review them against criteria such as correctness or author's credentials.

### **VoS - Voice of the Shuttle**

<http://vos.ucsb.edu/>

It has grown to over 70 pages of searchable links to humanities and humanities-related resources on the Internet. Its mission has been to provide a structured and briefly annotated guide to online resources that at once respects the established humanities disciplines in their professional organization and points toward the transformation of those disciplines as they interact with the sciences and social sciences and with new digital media.

### **Wanfang Data - Leading Provider of Chinese Information**

<http://www.wanfangdata.com/>

An affiliate of Chinese Ministry of Science & Technology, Wanfang Data has been the leading information provider in China since 1950s. With a wide range of database resources and value-added services, Wanfang Data has become a gateway to understand Chinese culture, medicine, business, science, etc.

### **White Paper Listing**

<http://www.WhitePaperListing.com/>

Take advantage of our white papers library on wide range of topics from Cloud to Data Analytics, Mobility to Security. Here is what whitepaperlisting.com offers: **For Readers** - 1) Researching about the purchase of new, complex, or high-priced product or service for your business needs; 2) Consult their white papers to obtain the information you need to make more informed business decisions across the enterprise; and 3) They are continually expanding their white papers library to deliver information that provides insight and education, helping professionals like you to determine the proper solutions for their business and make better enterprise software decisions. **For Publishers** - 1) Creating great white paper is just half the job of a B2B marketing strategy. The other half is distributing your valuable content to a targeted audience; 2) Their program ensures your whitepaper gets read and gives results. Partner with them and take promotion of your whitepaper to the next level; and 3) Adding white paper on whitepaperlisting.com will allow you to place your content in front of a new, relevant audience of decisions makers who really care about what you do- your potential customers- in the industry vertical of your choice.



## **WolframAlpha Computational Knowledge Engine - Trillions of Pieces of Curated Data and Millions of Lines of Algorithms**

<http://www.wolframalpha.com/>

The WolframAlpha Computational Knowledge Engine using one simple input field that gives access to a huge system that searches for trillions of pieces of curated data and millions of lines of algorithms. A new paradigm for using computers and the web.

## **WorldWideScience.org - Global Science Database Search Gateway**

<http://www.worldwidescience.org/>

WorldWideScience.org is a global science gateway—accelerating scientific discovery and progress through a multilateral partnership to enable federated searching of national and international scientific databases. Subsequent versions of WorldWideScience.org will offer access to additional sources as well as enhanced features.

## **Xstructure - arXiv Search**

<http://xstructure.inr.ac.ru/>

arXiv ePrint Archive from Cornell University is Open access to 525,110 e-prints in Physics, Mathematics, Computer Science, Quantitative Biology, Quantitative Finance and Statistics. Among the features of Xstructure are: a) Automated generation of hierarchical classification scheme for the papers. The scheme results from classification of the papers in the arxiv database. The only input for the classification is the citation graph. The number of the levels in the hierarchy and the number of the clusters is determined by the algorithm. The algorithm creates the classification scheme, and indexes the papers by the created classification; b) The classification is used to index the new papers. We plan to rebuild the classification scheme regularly. In this way, we will take into account that appearance of new papers may lead to emergence of new themes. Detection of new themes is one of our objectives; c) A number of extra attributes (e.g. Theme name, Authority and Review Articles, etc.) for the elements (themes) of the classification (see Help); and d) Accessibility of the classification in response to search requests via display options, e.g., display as Tree of Themes, and Reference (Citation) Tree. About 10% of papers from arxiv are missed in their database.

## **Yovisto - Academic Video Search Engine**

<http://www.yovisto.com/>

Yovisto is a video search engine specialized on educational video content. It is helpful for students or common interested peoples to looking for online lectures and educational video. Yovisto allows searching within videos. Furthermore, there are many other features as, e.g., tagging, adding comments, discussing uploading videos and organizing your videos, etc.



### **Zanran - Search the Web For Data and Statistics**

<http://zanran.com/>

Zanran helps you to find ‘semi-structured’ data on the web. This is the numerical data that people have presented as graphs and tables and charts. For example, the data could be a graph in a PDF report, or a table in an Excel spreadsheet, or a barchart shown as an image in an HTML page. This huge amount of information can be difficult to find using conventional search engines, which are focused primarily on finding text rather than graphs, tables and bar charts.

### **Zetoc: Monitoring and Search Service for Global Research Publications**

<http://zetoc.jisc.ac.uk/>

They are one of the world’s most comprehensive research databases, giving you access to over 29,000 journals and more than 52 million article citations and conference papers through the British Library’s electronic table of contents. Keeping pace with your peers, staying up to date with new research, and expanding your field of knowledge has never been so simple. They make it easy for you to set-up personalized email Zetoc Alerts or RSS feeds to track the latest articles or journal titles related to your interests.



## **Subject Tracer™ Information Blogs**

Subject Tracer™ Information Blogs created and developed by the Virtual Private Library™ combine the best of the latest tools on the Internet. Using bots, blogs and news aggregators the Subject Tracer™ Information blogs generate RSS feeds with the latest resources to create a current information resource flow through niched subject tracers. I am proud to be the creator of the Internet's first Subject Tracer™ Information Blogs:

Virtual Private Library™

<http://www.VirtualPrivateLibrary.com/>

Accessibility Resources

<http://www.AccessibilityResources.info/>

Agriculture Resources

<http://www.AgricultureResources.info/>

AnswerSpot

<http://www.AnswerSpot.us/>

Artificial Intelligence Resources

<http://www.AIResources.info/>

Astronomy Resources

<http://www.AstronomyResources.info/>

Auction Resources

<http://www.AuctionResources.info/>

Biological Informatics

<http://www.BiologicalInformatics.info/>

Biotechnology Resources

<http://www.BiotechnologyResources.info/>

Bot Research

<http://www.BotResearch.info/>

Business Intelligence Resources

<http://www.BIResources.info/>



ChatterBots

<http://www.ChatterBots.info/>

Data Mining Resources

<http://www.DataMiningResources.info/>

Deep Web Research

<http://www.DeepWebResearch.info/>

Directory Resources

<http://www.DirectoryResources.info/>

eCommerce Resources

<http://eCommerceResources.info/>

Education and Academic Resources

<http://www.EducationResources.info/>

Elder Resources

<http://www.ElderResources.info/>

Employment Resources

<http://www.EmploymentResources.info/>

Entrepreneurial Resources

<http://www.EntrepreneurialResources.info/>

Fact Checker Directory

<http://www.FactCheckers.us/>

Financial Sources

<http://www.FinancialSources.info/>

Finding People

<http://www.FindingPeople.info/>

Games Resources

<http://www.GamesResources.info/>

Genealogy Resources

<http://www.GenealogyResources.info/>





Grant Resources

<http://www.GrantResources.info/>

Green Files

<http://www.GreenFiles.info/>

Grid, Distributed and Cloud Computing Resources

<http://www.GridResources.info/>

Healthcare Resources

<http://www.HealthcareResources.info/>

Information Futures Markets

<http://www.InformationFuturesMarkets.com/>

Information Quality Resources

<http://www.InformationQualityResources.info/>

International Trade Resources

<http://www.InternationalTradeResources.info/>

Internet Alerts

<http://www.InternetAlerts.info/>

Internet Demographics

<http://www.InternetDemographics.info/>

Internet Experts

<http://www.InternetExperts.info/>

Internet Hoaxes

<http://www.InternetHoaxes.info/>

Intrapreneurial Resources

<http://www.IntrapreneurialResources.info/>

Journalism Resources

<http://www.JournalismResources.info/>

Knowledge Discovery

<http://www.KnowledgeDiscovery.info/>



Military Resources

<http://www.MilitaryResources.info/>

New Economy Analytics, Resources and Alerts

<http://www.NewEconomyAnalytics.com/>

Outsourcing/Offshoring Information and Resources

<http://www.OutsourcingOffshore.us/>

Privacy Resources

<http://www.PrivacyResources.info/>

Reference Resources

<http://www.ReferenceResources.info/>

Research Resources

<http://www.ResearchResources.info/>

RestStress™

<http://www.RestStress.com/>

Script Resources

<http://www.ScriptResources.info/>

ShoppingBots

<http://www.ShoppingBots.info/>

Social Informatics

<http://www.SocialInformatics.info/>

Statistics Resources and Big Data

<http://www.StatisticsResources.info/>

Student Research

<http://www.StudentResearch.info/>

Theology Resources

<http://www.TheologyResources.info/>

Tutorial Resources

<http://www.TutorialResources.info/>



World Wide Web Reference  
<http://www.WWWReference.info/>

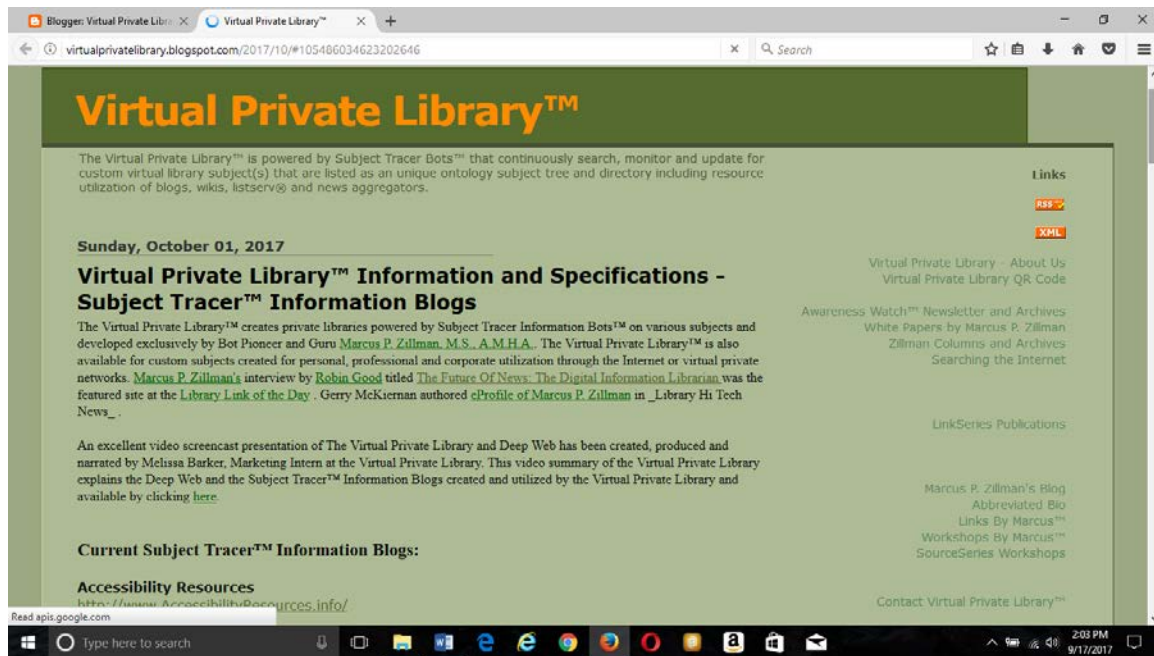


Figure 1: Virtual Private Library™

**Author Information:** Marcus P. Zillman, M.S., A.M.H.A. Executive Director of the Virtual Private Library is an international Internet expert, author, keynote speaker and corporate consultant in the area of information retrieval, knowledge discovery, knowledge harvesting, artificial intelligence and bots/intelligent agents. He has created numerous world wide web sites including 54 Subject Tracer™ Information Portals and Blogs; written a number of internet miniguides, white papers, manuals and books; hosted over 160 weekly Internet television shows, writes a weekly and monthly column on Current Awareness on the Internet; writes a monthly newsletter Awareness Watch and delivers keynote presentations throughout the international marketplace. He also actively delivers one and two day workshops for key industry sectors displaying how the Internet can be used as a tool to maintain current awareness and professional competencies.

Additional websites by Marcus P. Zillman, M.S., A.M.H.A.:

Marcus P. Zillman's Blog (19,000+ Postings)  
<http://www.zillman.us/>

Marcus P. Zillman Abbreviated Bio  
<http://www.zillman.info/>



Academic and Scholar Search Engines and Sources – An Internet Annotated Link Dataset Compilation  
[Updated October 1, 2017]

<http://www.ScholarSearchEngines.com/>  
[zillman@VirtualPrivateLibrary.com](mailto:zillman@VirtualPrivateLibrary.com)

eVoice: 800-858-1462

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White Papers by Marcus P. Zillman  
<http://www.WhitePapers.us/>

Internet MiniGuides™  
<http://www.InternetMiniguide.com/>

Awareness Watch™ Newsletter  
<http://www.AwarenessWatch.com/>

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Links By Marcus™  
<http://www.LinksByMarcus.com/>

Workshops By Marcus™  
<http://www.WorkshopsByMarcus.com/>

SourceSeries Internet Research Workshops  
<http://www.SourceSeries.com/>

Watch Marcus™  
<http://www.WatchMarcus.com/>

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2018 Directory of Directories  
<http://2018DirectoryOfDirectories.com/>

Academic and Scholar Search Engines and Sources  
<http://www.ScholarSearchEngines.com/>

Bots, Blogs and News Aggregators 2017  
<http://www.BotsBlogs.com/>



Business Intelligence Online Resources 2017

<http://www.BIOOnlineResources.info/>

Cloud Computing Resources Primer 2018

<http://www.zillman.us/white-papers/grid-distributed-and-cloud-computing-resources-primer/>

Current Awareness Discovery Tools on the Internet 2017

<http://www.zillman.us/white-papers/current-awareness-discovery-tools-on-the-internet/>

Deep Web Research and Discovery Resources 2017 Article - LLRX and Online White Paper

<http://zillman.blogspot.com/2017/01/llrx-deep-web-research-and-discovery.html>

<http://DeepWeb.us/>

eMarketing MiniGuide 2017

<http://www.eMarketingMiniGuide.com/>

eReference Library Link Toolkit 2017

<http://www.eReferenceLibrary.com/>

Financial Sources for the Family Office 2017

<http://www.FinancialSourcesFamilyOffice.com/>

Finding Experts By Using the Internet 2017

<http://www.FindingExperts.info/>

Finding People Resources and Sites 2017

<http://www.FindingPeople.info/>

Healthcare Bots and Subject Directories 2017

<http://www.HealthcareBots.info/>

Knowledge Discovery Resources 2017

<http://www.KDResources.info/>

New Economy Resources 2017

<http://www.NewEconomyResources.com/>

Online Research Browsers 2017

<http://www.zillman.us/white-papers/online-research-browsers/>



Online Research Tools 2017

<http://www.OnlineResearchTools.info/>

Online Social Networking 2017

<http://www.OnlineSocialNetworking.info/>

Searching the Internet 2017 – A Primer

<http://www.SearchingTheInternet.info/>

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<http://www.zillman.us/white-papers/using-the-internet-as-a-dynamic-resource-tool-for-knowledge-discovery/>

Web Data Extractors 2018

<http://www.WebDataExtractors.com/>

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<http://www.WebGuideNewEconomy.com/>

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## **Entrepreneurial Links 101**

<http://www.EntrepreneurialLinks.com/>

Marcus P. Zillman's newly released 231 page eReference digital book for the up and coming entrepreneur. Entrepreneurial Links 101 gives an alphabetical listing of the very best Internet and World Wide Web sites covering Entrepreneur Resources, Business Intelligence Resources and an extremely comprehensive list of Online Research Tools. This is considered by many to be the entrepreneur's bible for finding relevant and competent online resources!

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<http://www.InternetPrivacySecurity.net/>

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## **Research Resources Online Guide**

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**The Survivor's Manual for The New Economy.**

<http://www.NewEconomyManual.com/>

Marcus P. Zillman's latest LinkSeries Publication is a 239 page digital read that gives excellent resources and annotated sources for the new economy analytics, alerts, ecommerce, financial sources, invisible and deep web resources, social and business networking sources along with new economy competitive and business intelligence resources and an extremely comprehensive listing of new economy online tools.

