

AIP American Institute of Physics

- Contains 22 physics journals

arXiv

- 1,2 million open access journal articles within physics and computer science.
- Compiled by Cornell University Library.

BASE

- Search engine targeting scientific open access journals of all disciplines.
- From Universitätsbibliothek Bielefeld

DOAJ Directory of open access journals

- Almost 10.000 open access journals gathered by Lunds University. 50% searchable on article level.

German Automotive Collection

- Contains journals such as ATZ – Automobiltechnische Zeitschrift and MTZ – Motortechnische Zeitschrift.
- Springer Verlag
- From 1998-.

IEEE Xplore Digital Library

- Database containing more than 1 million articles, conference papers and standards.
- Bell Labs Conference Proceedings and VDE VERLAG Conference Proceedings.
- Published by IEEE/IEE.
- Constantly updated.

INSPEC Physics Electronics Computing*

- Published by the Institution of Engineering and Technology (IET),
- Contains searchable bibliographic information and abstracts within the fields of physics, computer science, and engineering, also includes astronomy, electronics, communications, ergonomics, and information technology.
- Inspec contains more than 11 million records covering over 4,000 journals, around 2,200 conference proceedings, as well as books, reports and dissertations from 1969.
- An archive file extends coverage to the period 1898 to 1968.
- Updated weekly.

IOP Science Institute of Physics

- Some 60 physics journal from the Institute of Physics and other learned societies.

J-STAGE Japan Science and Technology Information Aggregator, Electronic

- Access to around 2000 japanese journals from various universities.

Lecture Notes in Computer Science

- Conference proceedings series focused on the latest research in computer science.
- Approx 370.000 conference papers and an yearly growth of some 6000 papers.
- With subseries LNAI & LNBI and LNCS.
- Published by Springer Verlag.

Optics Infobase Optical Society of America.

- Contains both journals and conference proceedings.
- By OSA Publishing.
- Regularly updated.

Oxford journals

- Some 270 journals from Oxford University Press
- Coverage from 1996-.

SciELO Scientific Electronic Library Online

- Contains scientific open access journals, primarily from Latin America.

Science Direct Freedom Collection

- Approx 2100 scientific journals from various disciplines.
- From Elsevier
- Updated continuously – even before printed versions are issued.

SciTech Connect

- Consists of 2,5 millions references including 300.000 full text journals within the fields of chemistry, physics and environmental science.
- From the U.S. department of energy.
- Coverage from 1943-.

Scopus

- A scientific database containing abstracts from journals, conferences, patents and industry publications.
- Contains over 40 millions references dating from 1823 and onwards.
- From Elsevier.
- Updated daily.

SPIE. Digital Library

- Contains subjects such as optics, nanotechnology, lasers, signal processing, electronic imaging, information technologies, medical imaging etc.
- The database holds both journals and conference proceedings.
- From Society of Photo-Optical Instrumentation Engineers.

SpringerLINK

- Contains over 2100 journals.
- Some journals are Open Access.
- Coverage from 1924-.
- Published by Springer Verlag.

Springer Reference

- Major reference works and encyclopedias from Springer Verlag.
- Covers medicine, chemistry, technology and engineering.

SwePub Academic publications at Swedish universities

- Dissertations, conference papers and journal articles
- Published by some 40 Swedish Universities, Research Institutes and Governmental Agencies.

TDB IBM Technical Disclosure Bulletins*

- Full text documents.
- Focuses on semiconductors, computer devices, information storage, printing devices, basic electronic circuit, optics, and electronic communications.
- Coverage 1958-.
- Updated monthly.

XPAIP American Institute of Physics documents*

- Full text database.
- Articles from the American Institute of Physics.

XPETSI European Telecom Std Institute*

- Full text standards for ICT (Information and Communications Technologies), including fixed, mobile, radio, converged, broadcast and internet technologies.
- Approximate update quarterly.

XPIEE Inst. of Electrical Engineers (IEE)*

- Full text documents within the fields of modern electronic such as optics and tele communication-
- Published by IEE.
- Updated monthly.

XPIETF Internet Engineering Task Force*

- Searchable Internet standards in full text.
- Approximately updated quarterly.

XPIPCOM Prior Art*

- Full-text database.
- Contains disclosure publications from companies such as IBM, Siemens, Microsoft, Motorola, and Sony.
- Includes disclosures from the US National Institute of Standards and Technology the US Patent and Trademark Office and the Internet Society.
- Historical coverage varies according to datasource.

XPI3E Inst. of Electrical /electronics Engineers*

- Full text documents within the field of modern electronics, such as electronic science and engineering, telecommunications, optoelectronics and optical communication. Published by IEEE.
- Sources are industry standards and conference proceedings.

XPJPEG Joint Photographic Expert Group Std*

- JPEG, JPEG 2000, and JPEG XR standards.

XPMISC NPL Full-Text : Miscellaneous Providers*

- Full text documents from Alcatel, Siemens.
- Conference proceedings in the field of speech recognition.

XPIOP Institute Of Physics*

- Contains full-text of electronics journals published by the Institute of Physics.

XPOAC Open Access Central Journal Articles*

- Open access to peer-reviewed biomedical and chemical journals.
- Includes peer reviewed research articles in all areas of physics and mathematics.
- Coverage from 1997.

XP3GPP Drafts or 3G telecom standards*

- Contains full-text of drafts of the 3rd generation partnership project.
- 3GPP was created in December 1998.

XPLNCS Lecture Notes in Computer Scienceis*

- Research results in computer science.
- Sources are proceedings, post-proceedings and research monographs and state-of-the-art surveys.
- Approximate update quarterly.

Wiley Journals

- Subscription includes “Kirk-Othmer Encyclopedia of Chemical Technology” and “Ullman’s Encyclopedia of Industrial Chemistry”.
- Published by John Wiley & Sons.
- Contains all Wiley journals since 1997.