Scientific Information Resources of the MPG

An overview of databases relevant for biomedical research
The VLib interface (www.vlib.mpg.de) allows members of the MPG to identify a number of resources of information relevant for their research.
Search possibilities

Overview

1. Identify database:
   - Predefined Sets
   - Tag Cloud
   - Subject Categories

   a. Select Subject Category:
      - Biology
   b. and Sub-Category:
      - All Resources

2. Select up to 99 Resources from Subject Category:
   Biology--All Resources (108 databases in total)
   about RSS ☐ Printable View

3. Search in fields ...
   - All Fields
   - Author
   - Search Tips
   - And
   - Go

These subject categories are available: Biology (108 db, see above), Chemistry (84 db), Mathematics (57), Medicine (95), Physics (91), SSci&Hum. (212), Technol.+CompSci (81), Multidisciplinary (65)

Select the subject category to find information about a database

Click here to find information about a database
### Overview

#### Types of databases are:

- **Reference databases with integrated MPG-SFX service allowing to reach for full-texts**

- **Journal or book collections**

- **Patent databases with/without patent full text and translation programmes in Espacenet and WIPO for e.g. Japanese-English**

- **Library catalogues from external or MPG libraries**

### Search possibilities

#### Database Name | Database Type
--- | ---
ACS Publications | Journal Collection, Book Collection
Aerospace & High Tech (ProQuest) | Reference Database
AIP-hosted e-Journals | Journal Collection
Bentham e-Journals Archive | Journal Collection
Berlin State Library | External Library Catalog
Books in Print (Bowker) | Reference Database
BVB Union Catalog | External Library Catalog
CAB Abstracts Archive (Ovid) | Reference Database
Chemistry (STN) | Reference Database
COPAC Union Catalog | External Library Catalog
DEPATISnet | Miscellaneous
Deutsche Nationalbibliothek | External Library Catalog
DigiZeitschriften | Journal Collection
Directory Open Access Journals | Journal Collection
Dissertations & Theses (ProQuest) | Fulltext Database, Book Collection
Early English Books (ProQuest) | Book Collection
ECS e-Journals | Journal Collection
Elsevier ScienceDirect | Journal Collection, Book Collection
Espacenet | Miscellaneous
Essential Science Indicators (WoK) | Miscellaneous
Fritz Haber Institute | MPG Library Catalog
Overview

Use of Vlib

1. a) Type a term and/or author name in these boxes
   
b) Click GO
   
c) The engine will search in the databases marked by a blue box.
   (If several boxes are marked, the engine will search them simultaneously)

2. The entry page of a database will be opened, if its name is clicked
Important databases

Web of Science (WoS)
http://apps.webofknowledge.com/

Web of Science [v.5.13.1] - All Databases Home

Welcome to the new Web of Science! View a brief tutorial.

Pull down Important databases Web of Science (WoS)
http://apps.webofknowledge.com/

Web of Science TM | InCites ® | Journal Citation Reports ® | Essential Science Indicators SM | EndNote ® |
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Search All Databases

Search History | My Tools | Marked List |

Welcome to the new Web of Science! View a brief tutorial.

Click here for tips to improve your search.

Pull down Important databases

Web of Science may be searched under WoS Core Collection

It includes Science Citation Index Expanded (since 1900), Social Sciences Citation Index (since 1956), Arts & Humanities Citation Index (since 1975),
Other databases retrievable under this interface are BIOSIS Previews, Inspec, and Zoological Record as well as the Journal Citation Report or the Essential Science Indicators.
Important databases

Scopus

http://www.scopus.com

Scopus is a very large abstract and citation database of peer-reviewed literature. It covers a large selection of scientific, technical, medical, and social sciences journals. 21,000 journals are covered. Tools to track, analyze and visualize research are available as well as citations (1996 onwards). Setting up an AutoAlert is possible.
Important databases

Scifinder

https://scifinder.cas.org/scifinder

**Please note:** Each individual interested in using Scifinder has to apply for a user ID and password, before he/she can start.

SciFinder® provides direct access to Chemical Abstracts, Registry, Chem Cat, and other databases for searching texts, structures, reactions, bio-sequences and patents in chemistry and related sciences.

Tutorials about searching in Scifinder are announced at http://www.biochem.mpg.de/en/facilities/ivs/SupportTraining/Workshop/Schedule
Important databases

Scifinder
https://scifinder.cas.org/scifinder

Registration for CAS SciFinder

In order to register go to:
http://www.mpdl.mpg.de/seco-licepubl/cassinforegi

You need a login ID and a password in order to use SciFinder.

To obtain them, you are obliged to fill out an online registration form. After your online registration has been effected, you will receive a mail with two forms attached:
1) "SciFinder Usage in the Max-Planck-Society", a privacy declaration for the MPS.

Please print out these two forms and read them carefully. Then please sign the forms and send them to the MPS Licence Administration via e-mail (lic.contact@mpdl.mpg.de) or fax (0-89-38602-290).
Important databases

STNEasy

http://stneasy.fiz-karlsruhe.de/tmp/01213934274559/225180355.html

Welcome to STNEasy for the Max-Planck-Gesellschaft.
You have free access to the following databases:

Chemistry: Chemistry Databases from CAS (CAPLUS, REGISTRY, ChemCats)
INSPEC: Physics Abstracts
ENERGY: Energy Research incl. INIS database
Patents: Many Patent files from: CAPLUS, REGISTRY, US, EU, DE, GB, FR, JAPIO, KOREAPAT, RUSSIAPAT, INPADOC
Patentfull: full text databases from EPFULL, FRFULL, GBFULL, PATDPAFULL, PCTFULL, USPATFULL

Please note:

The interface is simple.

Search possibilities are restricted.

However, registration is not necessary.
Important databases

MPG eJournals

MPG eJournals database provides access to the collection of eJournals subscribed by the MPG, through central or local licenses.

The color of a ring informs about availability of a journal's fulltext.

Please note: this database is related to the MPG-SFX service.
Important databases

ProQuest

http://search.proquest.com/advanced

ProQuest offers over 40 field-specific databases and Web-resources, covering natural sciences, social sciences, technology, and humanities.

Please note: The ProQuest search engine enables to search figure legends and Tables.

The ProQuest offer includes databases such as ASFA, Solid State Abstract, Engineering research database, and GeoRef.
PubMan is the publication repository of the Max Planck Society. It contains bibliographic data and numerous fulltexts of (almost) all publications of MPS researchers.

Pubman includes all types of publications of an institute of the MPS.

Please note,
publications of single departments of an institute can be retrieved in PubMan.
Further databases
freely accessible from in- and outside of an MPI

PubMed I

PubMed comprises more than 23 million citations for biomedical literature from MEDLINE, life science journals, and online books.

Literature may be retrieved using free terms or MeSH terms, which are hierarchically ordered keywords added by an indexer.
Important databases
freely accessible from in- and outside of the MPI
PubMed II

Please Note:

If you use PubMed, while you are in the institute, it will be an advantage to use it via this special URL:

It will allow MPG users to take advantage of MPG-SFX Services to retrieve the full-text or other information relevant to the search results.
Important databases
freely accessible from in- and outside of the MPI
PubMed III

Be aware that your query typed in is transformed by the search engine

Query typed in:
((cell volume regulation) AND neoplasms[MeSH Major Topic])

Query used by the computer
can be found on the result page under search details

(("cell size"[MeSH Terms] OR ("cell"[All Fields] AND "size"[All Fields]) OR "cell size"[All Fields] OR ("cell"[All Fields] AND "volume"[All Fields]) OR "cell volume"[All Fields]) AND ("social control, formal"[MeSH Terms] OR ("social"[All Fields] AND "control"[All Fields] AND "formal"[All Fields]) OR "formal social control"[All Fields] OR "regulation"[All Fields])) AND "neoplasms"[MeSH Major]

Check the compatibility
Databases
freely accessible from in- and outside of the MPI
Google Scholar
http://scholar.google.com

When all your retrieval attempts remained unsuccessful, searching in Google Scholar may be a last chance.

Pull down and get this page

Please note:
The results should urgently be re-checked for reliability.
Suggestions, questions, critique to Dr. Johann Bauer
T.: 089-8578-3803 or jbauer@biochem.mpg.de