The Directory of Open Access Journals (DOAJ): purpose, development, usage

Open Access:
New Trends in Scholarly Communication
Monday, April 14th, 2008
University of Macedonia, Thessaloniki
Lars Björnshauge,
Director of Libraries
Lund University, Sweden
Welcome to the Directory of Open Access Journals. This service covers free, full text, quality open access and scholarly journals. We aim to cover all subjects and languages. There are now 3315 journals in the directory. Currently 1114 journals are searchable at article level. As of today 178817 articles are in the DOAJ service.

Support the development and operation of DOAJ. Sign up for membership - go to the membership page.
We are very thankful for the support from those of you who have already decided to become DOAJ members. See the details on the membership page.

Browse by title
A B C D E F G H I J K L M N O P Q R S T U V

Browse by subject

- Agriculture and Food Sciences
- Arts and Architecture
- Biology and Life Sciences
- Business and Economics
- Chemistry
- Earth and Environmental Sciences
- General Works
- Health Sciences
- History and Archaeology
- Languages and Literatures
- Law and Political Science
- Mathematics and Statistics
- Philosophy and Religion
- Physics and Astronomy
- Science General
- Social Sciences
- Technology and Engineering

DOAJ - Directory of Open Access Journals, 2008, Lund University Library
Purpose of the DOAJ:

- making it easier for
  - aggregators & libraries to integrate OA-journals data in their services
  - OA-publishers to get their journals visible
  - readers to find OA-material
  - authors to find a journal to publish in OA
What we hope to see ... 

Increased visibility and access to Open Access journals

= Increased usage
= Increased citation
= Increased impact
= Increased usage...

etc etc
What is DOAJ:

- A collection of peer reviewed open access journals
- Scope: All disciplines – all languages
- One interface
- Provides metadata harvesting services based on the OAI-PMH protocol for libraries and other service providers
- Provides search service for end-users
Selection criteria

• Open Access
  – no embargo!

• Quality control measures,
  – the journal must exercise peer-review or editorial quality control in order to be included in the DOAJ.

• Scientific or scholarly content
  – Researcher as primary target group
Open Access – our definition:

Open access journals = journals that use a funding model that does not charge readers or their institutions for access.

The BOAI definition of "open access" = the right of "users to read, download, copy, distribute, print, search, or link to the full texts of these articles" as mandatory criteria.
• **History:**
  
  – Initiated during the first Nordic Conference on Scholarly Communication in Lund/Copenhagen October 2002
  – Initially funded by Open Society Institute and co-funded by SPARC
  – Project started January 2003
  – Service launched 12th of May 2003 with 300+ journals
Number of journals listed in the DOAJ

- May 2003: 300
- November 2003: 558
- May 2004: 1097
- November 2004: 1345
- May 2005: 1601
- November 2005: 1905
- May 2006: 2230
- November 2006: 2450
- May 2007: 2700
- November 2007: 2950
- April 2008: 3315
The Editorial Process (simplified)

DOAJ

Editorial work:
check against criteria, communication with journal owner etc., check for compliance, remove uncompliant journals etc

Suggestions

Lists, blogs etc
New titles (added the last 30 days)

73 journals added the last 30 days

- **African Health Sciences**
  ISSN: 16806905
  Subject: Medicine (General)
  Publisher: Makerere University Medical School
  Language: English
  Keywords: public health, Uganda, health planning
  Start year: 2001

- **African Journal of Health Sciences**
  ISSN: 10229272
  Subject: Medicine (General)
  Publisher: Kenya Medical Research Institute
  Language: English
  Keywords: health research, Africa
  Start year: 2005

- **American : E-Journal of American Studies in Hungary**
  ISSN: 17874637
  Subject: Languages and Literatures
  Publisher: Department of American Studies, University of Szeged
  Language: English
  Keywords: USA, American culture, American history, American society
  Start year: 2005

- **Banach Journal of Mathematical Analysis**
  ISSN: 17358787
Using DOAJ for harvesting Metadata

**Serviceprovider:**
Commercial aggregator, OpenURL-provider
Library (OPAC and/or ERM)

OAI-PMH or other protocols

Harvesting/fetching metadata

DOAJ
How can I get journal metadata from DOAJ?

The DOAJ service supports the OAI protocol for metadata harvesting (OAI-PMH). Thus, any other service can obtain records from DOAJ for inclusion in their collection. OAI is well established, and easy to use. The base URL is: http://www.doaj.org/oai.

You can add most OAI verbs and other commands directly on that. A few examples:

Verb: Identify
http://www.doaj.org/oai?verb=Identify

Verb: ListMetadataFormats
http://www.doaj.org/oai?verb/ListMetadataFormats

Verb: ListRecords&from=2004-01-01&metadataPrefix=oai_dc

From these URLs you'll get both an idea of what OAI is, and much of our metadata. See also our example.

You have also the possibility to download the list of records in DOAJ in a comma separated format. Then you can import the file to Excel or some other software to use the records further. Do as follows:

- Download the file from http://www.doaj.org/doaj?func=csv to your own computer
- Open e.g. Excel
- Go to the menu Data -> Get External Data -> Import Text File
- From there you can choose how you want the spread sheet to look like e.g., delimited-> Comma -> General

How do I get article level metadata from DOAJ?

The article level metadata can be harvested using OAI protocol. The base URL is: http://www.doaj.org/oai.article
Use OAI verbs and other command options directly on that.
Example:
Verb: ListRecords&from=2004-07-01&metadataPrefix=oai_dc

Do you have any restrictions for the use of your metadata?
### Alphabetic Index

<table>
<thead>
<tr>
<th>Alphabetical Order</th>
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<th>Start Year</th>
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<td>B.C. Asian Review</td>
<td>DOAJ (Directory of Open Access Journals)</td>
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<td>Reactions Weekly</td>
<td>EBSCOhost EJS</td>
<td>Medicine -- Therapeutics. Pharmacology</td>
<td>0114-9554</td>
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<td>Reading in a foreign language</td>
<td>Directory of Open Access Journals</td>
<td>Language and literature</td>
<td>0264-2425 Online</td>
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<td>The reading matrix: an international</td>
<td>Directory of Open Access Journals</td>
<td>Language and literature</td>
<td>1533-242X</td>
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<td>Reading online</td>
<td>Directory of Open Access Journals</td>
<td>Education -- Theory and practice of education</td>
<td>1096-1232</td>
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<td>Recueil International de Législation</td>
<td>Free Medical Journals</td>
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Directory of open access journals
Categorized, searchable links to free, full text, quality controlled scientific and scholarly journals.
www.doaj.org/ - 9k - 5 Jun 2007 - Catchad - Liknande sidor

Open access - Wikipedia, the free encyclopedia
Open access (OA) means immediate, free and unrestricted online access to digital scholarly material[2], primarily peer-reviewed research articles in...
en.wikipedia.org/wiki/Open_access - 69k - Catchad - Liknande sidor

Peter Suber, Open Access Overview (definition, introduction)
Focusing on open access to peer-reviewed research articles and their preprints. This is an introduction to open access (OA) for those who are new to the...
www.earlham.edu/~peters/fos/overview.htm - 47k - Catchad - Liknande sidor

Peter Suber, Open Access News
The Project is open access and will be made completely available to scientists, clinicians and all those with an interest worldwide...
www.earlham.edu/~peters/fos/fosblog.html - 5 Jun 2007 - Liknande sidor
[ Fler resultat från www.earlham.edu ]

Open Access - Wikipedia
Open Access (englisch freier, kostenloser Zugang) bezeichnet das Ziel, wissenschaftliche Literatur und Materialien frei zugänglich zu machen...
deo.wikipedia.org/wiki/Open_Access - 44k - Catchad - Liknande sidor

Welcome to Open Access
UK Countryside Agency’s portal on public use rights under the Countryside and Rights of Way Act of 2000.
www.openaccess.gov.uk/ - 10k - Catchad - Liknande sidor

Budapest Open Access Initiative
Using DOAJ for searching/browsing

User

search

DOAJ

Full text

Journal web sites

+ 500,000 redirects per month
Find articles

(more than one word in a field will be treated as phrase)

Suggest a journal

bird flu

In: All Fields

AND

OR

NOT

In: All Fields

Search articles
Find articles
Found 3 documents matching your query:
All Fields=bird flu

Bird Flu: A recent threat to human health
Author: Asad U. Khan Journal: Bioinformation Year: 2006 Vol: 1 Issue: 4
Pages/record No.: 132-132

Searching of Main Cause Leading to Severe Influenza A Virus Mutations and Consequently to Influenza Pandemics/Epidemics
Author: Guang Wu and Shaomin Yan Journal: American Journal of Infectious Diseases Year: 2005 Vol: 1 Issue: 2 Pages/record No.: 116-123

Avian influenza a (H5N1): A preliminary review
Author: Padhi S ; Panigrahi P ; Mahapatra A ; Mahapatra S Journal: Indian Journal of Medical Microbiology Year: 2004 Vol: 22 Issue: 3 Pages/record No.: 143-146
Usage of the DOAJ service

- Every month visits from 160+ countries
- Requested files increasing
- Distinct host served increasing
- Amount of data transferred increasing
- Visits from OAI-harvesters increasing
- Number of abstracts presented increasing
- Number of links to articles followed increasing
• Global visibility and dissemination of records
  – Integrated in OPAC´s in many, many libraries
  – Several service providers are linking to DOAJ
  – Integrated in the services of aggregators (Serial Solutions, Ullrichs, Ebsco, OVID etc.)
  – And OpenURL-providers (Exlibris etc.)
• Frequently referred to as the most important listing
Top 10 Publishers in DOAJ

- BioMed Central
- Internet Scientific Publications, LLC
- Hindawi Publishing Corporation
- Medknow Publications
- Universidad de Los Andes (Venezuela)
- Copernicus GmbH
- Krause & Pachernegg GmbH, Austria
- Asian Network for Scientific Information
- Scientific and Technical Research Council of Turkey
Publishers in DOAJ

- 10 Publishers with 10+ Journals
- 24 Publishers with 5+ Journals
- 1906 Publishers with 1 Journal!
- 2044 Publishers in total as of June 2007!

- Journals published in more than 80 countries
- More than 40 languages represented
Service for authors

• Where can I publish in Open Access?
  – Golden Road to Open Access
    • Open Access Journals
      – Publication Charges?
  – Hybrid Journals
    • Publication charges?
Welcome to the author service of DOAJ - The Directory of Open Access & Hybrid Journals. Here where to publish your research as **Open Access (OA)**.

- **A**
- **B**
- **C**
- **D**
- **E**
- **F**
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- **H**
- **I**
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Browse by subject:
- Agriculture and Food Sciences
- Arts and Architecture
- Biology and Life Sciences
- Business and Economics
- Chemistry
- Earth and Environmental Sciences
- General Works
- Health Sciences
- History and Archaeology
- Languages and Literatures
- Law and Political Science
- Mathematics and Statistics
- Philosophy and Religion
- Physics and Astronomy
- Science General
- Social Sciences
- Technology and Engineering
Browse by subject

Subjects › Biology and Life Sciences › Life Sciences › Biotechnology

22 journals belonging to subject: Biotechnology

AnBioforum Open Access
ISSN: 1522936X
Subject: Biotechnology
Publisher: University of Missouri, Columbia, Agriculture & Engineering Department
Language: English
Keywords: agricultural economics, biotechnology, agriculture
Start Year: 1998

American Journal of Biochemistry and Biotechnology Open Access
ISSN: 15533468
Subject: Biochemistry --- Biotechnology
Publisher: Science Publications
Language: English
Keywords: life sciences, biochemistry, evolutionary biotechnology, structural biology, molecular biology, cellular biology, molecular medicine, cancer research, virology, immunology
Start Year: 2005

Applied Biochemistry and Microbiology Hybrid journal
ISSN: 00036838
Subject: Microbiology --- Biology --- Biochemistry --- Biotechnology
Publisher: Kluwer
Publishing in Open Access scholarly journals: what are the options?

Q. What is an Open Access journal?
A. An OA-journal uses a funding model that does not charge subscription fees for access. The content is freely available to all.

Q. Why should I publish in an OA journal?
A. Making publications freely available electronically increases their use and the number of times they are cited. By making your publication freely available your impact will grow. See “The effect of open access and downloads (‘hits’) on citation impact: a bibliography of studies” for more information on this. http://opcit.eprints.org/oacitation-biblio.html

Q. What about the quality of OA journals?
A. Scholarly OA journals use the same quality criteria as traditional subscription journals, i.e. external or internal peer-review.

Q. Where do I find OA journals?
A. In the Directory of Open Access Journals. The Directory aims to be comprehensive and cover all open access scientific and scholarly journals that use a quality control system to guarantee the content. A journal is included in the DOAJ only if submitted papers are quality controlled through an editor, editorial board and/or a peer-review system.

Q. What is the author pays model?
A. The publishing cost is paid by the author - when his/her article is accepted by a journal. The article is free to all readers. The "author-pays" model has nothing to do with the fees charged by traditional subscription journals for colour prints and/or tables.

Q. What is a hybrid journal?
A. A journal based on traditional subscription revenue with the author pays model as an option.
Cooperation with INASP (International Network for the Availability of Scientific Publications)

<table>
<thead>
<tr>
<th>Country of Publication</th>
<th>No. of Journals in DOAJ</th>
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<td>China</td>
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<td>Kenya</td>
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<td>Serbia and Montenegro</td>
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Working with journals from developing countries
Cooperation with SPARC Europe: Certification programme for Open Access Journals

- SPARC Europe Seal for Open Access Journals:
  - Explicit re-use policies (CC-BY licence)
    - Allow storage of full-text
    - Allow data- and/or text-mining
  - Ability to provide XML-metadata on article level

To be launched very soon!
Discussions with the Royal Library of the Netherlands (KB) concerning provision of full-text of DOAJ-journals for long term archiving
Summary of review in the Charleston Adviser Jan 2008

• DOAJ
  – is a significant resource.
  – has developed a well-deserved reputation for quality,
  – is the world’s most authoritative list of fully open access, peer-reviewed titles.
  – the title list is very impressive
  – is growing dramatically.
  – the service provided by is so obviously important
  – the membership fees are such an incredible bargain, that it seems highly likely that ongoing economic security will be a reality for DOAJ in the not too distant future.
  – libraries, consortia, universities and research centres should consider membership;
  – vendors serving the library community are well advised to consider DOAJ membership or sponsorship.
Directory of Open Access Journals (DOAJ)
Review Scores Composite: ★★★★ 3/4

The maximum number of stars in each category is 5.

Content: ★★★★★
DOAJ is the world’s most authoritative list of current, fully Open Access, peer-reviewed journals. It includes over 2,800 journals, and more than one new title is added every day.

Searchability: ★★★★ 1/2
Clean, aesthetic, highly functional interface with a variety of search options. Could use a more robust keyword search option and advanced search functionality.

Contract Options: N/A.
Open Access per the Budapest Open Access Initiative means that journals included in DOAJ are not only free, but available for use—no permission needed to hand out in class, for e-reserves or coursepacks, data mining to support new approaches to research.

Pricing: N/A
Free. Membership and sponsorship options available.
DOAJ in numbers – april 2008

- 3300+ journals,
- 1100+ journals with metadata on article level,
- 175.000+ articles cross searchable directly from DOAJ,
- 600+ journals added during the last 12 months,
- fastest growth during a 12 months period since the launch of the service May 2003
- 7 mill+ page views per month (50% increase compared with 2006)
- visits from more than 160 countries every month
- 15.000+ institutions are linking into DOAJ
- 1.500.000+ users are every month redirected to the full text of OA-journals via searches in the DOAJ.
- Allways among top 3 referring sites to Open Access Journals according to OA-publishers in the DOAJ
We acknowledge the support from the above organizations/companies.
Thank you for your attention!

&

Thank you so much for your support!!
Links

DOAJ – [www.doaj.org](http://www.doaj.org)

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lars.bjornshauge@lub.lu.se