

# Integrating Open Access Journals in Library Services & Assisting Authors in choosing publishing channels

# 4th EBIB Conference Internet in libraries Open Access Torun, December 7-8, 2007

Lars Björnshauge, Director of Libraries Lund University





# Purpose of the DOAJ:

- making it easier for
  - aggregators & libraries to integrate OAjournals 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

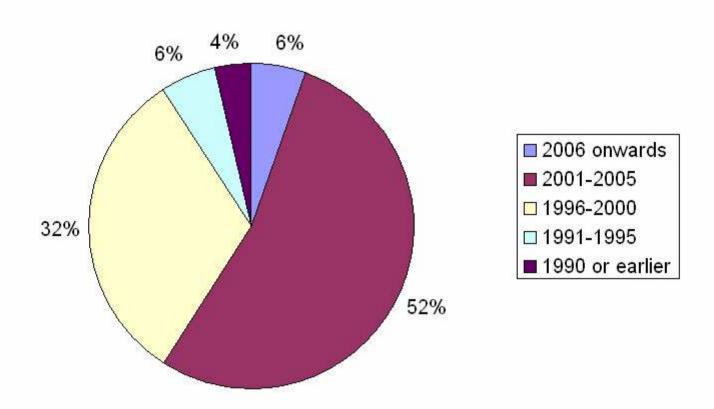
• May 2006: 2230

November 2006: 2450

• May 2007: 2700

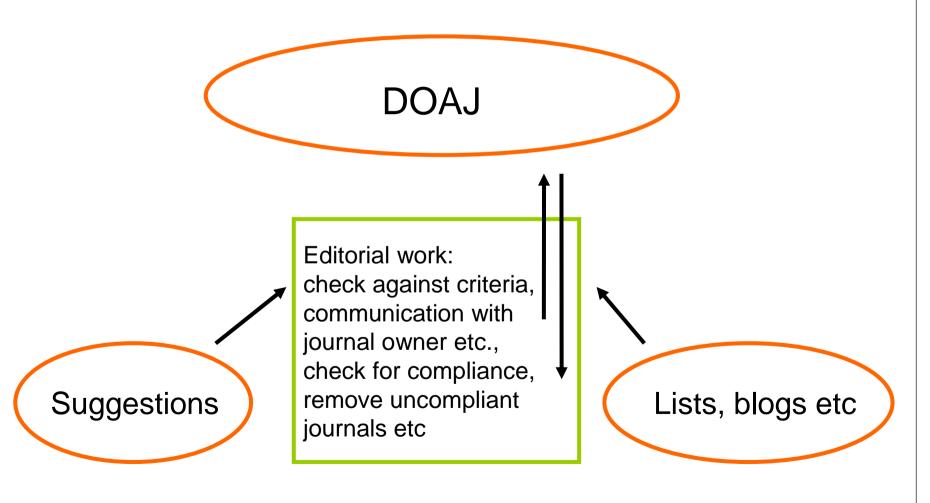
November 2007: 2950

# Content OA from year





# The Editorial Process (simplified)



# DIRECTORY OF OPEN ACCESS JOURNALS

Find Journals

New titles (added the last 30 days)

New titles

73 journals added the last 30 days

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News

<u>African Health Sciences</u>

ISSN: 16806905

Subject: Medicine (General)

Publisher: Makerere University Medical School

Language: English

Keywords: public health, Uganda, health planning

Start year: 2001

Sponsors

Contact

owners

Membership

African Journal of Health Sciences DOAJ Content

ISSN: 10229272

Subject: Medicine (General)

Publisher: Kenya Medical Research Institute

Language: English

Keywords: health research, Africa

Start year: 2005

For authors

For journal

<u>Americana: E-Journal of American Studies in Hungary</u>

**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



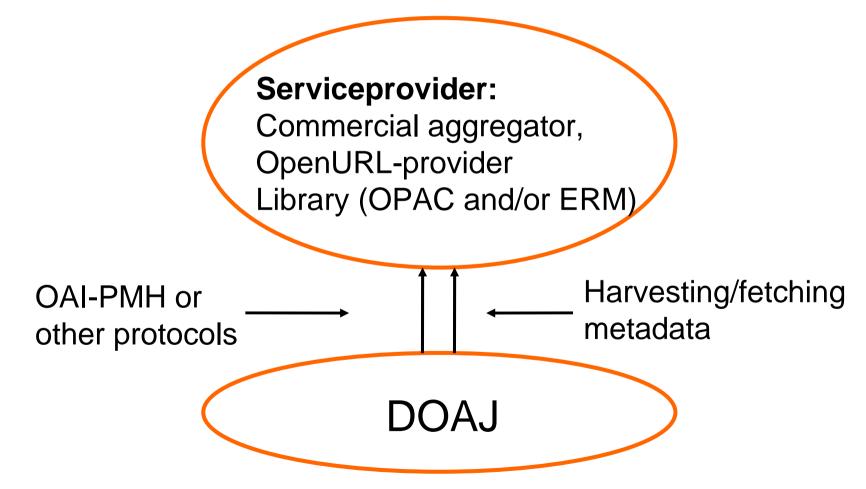


# **Usage of the DOAJ service**

- 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



# **Using DOAJ for harvesting Metadata**



roa also have the possibility to ase the boolean operators and, or, not

#### How can I get journal metadata from DOAJ?

The DOAJ service supports the OAI protocol for metadata harvesting (<u>OAI-PMH</u>). 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.orq/oai?verb=ListMetadataFormats

Verb: ListRecords&from=2004-01-01&metadataPrefix=oai\_dc

http://www.doaj.org/oai?verb=ListRecords&from=2004-03-01&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 <a href="http://www.doaj.org/doaj?func=csv">http://www.doaj.org/doaj?func=csv</a> 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

http://www.doaj.orq/oai.article?verb=ListRecords&from=2004-07-15&metadataPrefix=oai\_dc

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



. D



(2004 - )

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#### Services

- Alphabetic Index
- Subject Categories
- Bibliographic / Full Text
  Databases
- Electronic Books / Dictionaries
- Publishers

My H	EAL-Link
E-mail:	
Κωδικός:	
	Enter
• New user	
• Forgot pass	word
• Usage guide	1

#### Alphabetic Index

#### 0-9ABCDEFGHIJKLMNOPQRSTUVWXYZ

Wilson

		37113011	(2004)
J .	D-Lib Magazine	DOAJ (Directory of Open Access Journals)	(1995 -)
١.	D-Lib Magazine	Wilson	(2000 - )
•	DAC: Annual ACM IEEE Design Automation Conference	ACM (Association for Computing Machinery)	(1964 - )
	DARE: Designing Augmented Reality Environments	ACM (Association for Computing Machinery)	(2000 only)
	DARU	DOAJ (Directory of Open Access Journals)	(2002)
•	DATE: Design, Automation, and Test in Europe	ACM (Association for Computing Machinery)	(1998 - )
	Dados	DOAJ (Directory of Open Access Journals)	(1996)
ŀ	Dance Chronicle	Taylor & Francis	(2001 - )
١.	Danish Medical Bulletin	DOAJ (Directory of Open Access Journals)	(2004 -)
١.	Data & Knowledge Engineering	Elsevier (ScienceDirect)	(1985 - )
J.	Data Mining and Knowledge Discovery	SpringerLink (formerly Kluwer)	(1997 - )
•	Data Processing (continued as Information and Software Technology)	Elsevier (ScienceDirect)	(1981 - 1986)
•	Data Science Journal	DOAJ (Directory of Open Access Journals)	(2002 - )



#### A-to-Z

x Titles

Subjects

Search

About This Site

"Reactions Weekly" to "Rendiconti del Seminario Matem"

Y

Find:

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Advanced search

P<u>ABCDEFGHIJKLMNOPQ•RSTUVW×YZ</u> RARERCRD•**RE**RERGRHRIRJEK ELEMENTROFFRORERS RTRURVRW BX BY RZ

ige: next ▶1 2345678910111213141516171819

tles where title name begins with 'RE': 184

#### eactions Weekly

EBSCOhost EJS 2000 - 2003 Your Access: Jan 1 2002 - Oct 9 2004

SN: 0114-9954

iblisher: Adis International Limited

ubject: Medicine -- Therapeutics. Pharmacology

#### eading in a foreign language

DOAJ: Directory of Open Access Journals 2002 to present

SN: 0264-2425 Online ISSN: 1539-0578

ublisher: University of Hawaii ubject: Language and literature

#### he reading matrix: an international online journal

DOAJ: Directory of Open Access Journals 2001 to present

SN: 1533-242X

ublisher: University of Notre Dame ubject: Language and literature

#### leading online

DOAJ: Directory of Open Access Journals 1997 to present

SN: 1096-1232

iblisher: International Reading Association

ubject: Education -- Theory and practice of education

#### ecueil International de Législation Sanitaire

Free Medical Journals, 1998 to present



Nätet Bilder Grupper Nyheter Nytt!

open access

Avancerad sökning

Sök hela webben
 Sök svenska sidor

et

Resultat 1 - 10 av ungefär 667,000,000 vid sökning efter open access. (0.15 sekunde

Sök endast efter svenska resultat. Du kan ställa in sökspråk i Inställningar.

#### ctory of open access journals

orized, searchable links to free, full text, quality controlled seentific and scholarly

doaj.org/ - 9k - 5 jun 2007 - <u>Cach</u>ad - Liknande sidor

#### n access - Wikipedia, the free encyclopedia

access (OA) means immediate, free and unrestricted online access to digital scholarly ial[2], primarily peer-reviewed research articles in ... kipedia.org/wiki/Open access - 89k - Cachad - Liknande sidor

#### r Suber, Open Access Overview (definition, introduction)

sing on **open access** to peer-reviewed research articles and their preprints. This is an uction to open access (OA) for those who are new to the ... earlham.edu/~peters/fos/overview.htm - 47k - Cachad - 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 1

#### n Access - Wikipedia

Access (englisch freier, kostenloser Zugang) bezeichnet das Ziel, wissenschaftliche tur und Materialien frei zugänglich zu machen. ... kipedia.org/wiki/Open Access - 44k - Cachad - Liknande sidor

#### tome to Open Access

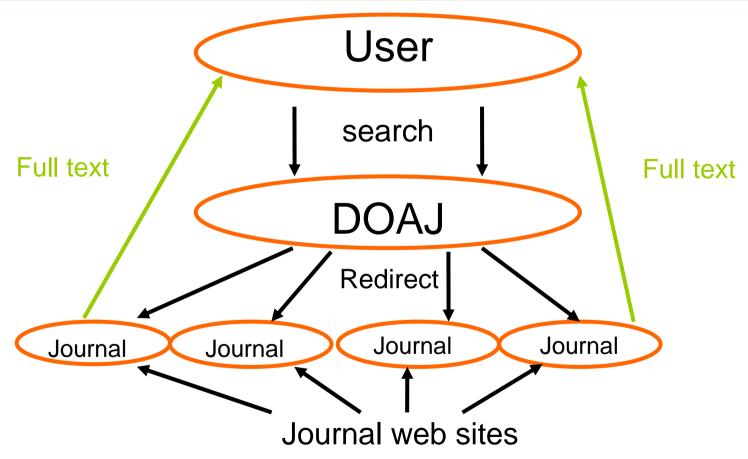
ountryside Agency's portal on public use rights under the Countryside and Rights of Way f 2000.

openaccess.gov.uk/ - 10k - Cachad - Liknande sidor

#### apest Open Access Initiative

# RVMOLE RVMOLE RVMOLE

# Using DOAJ for searching/browsing



+ 500.000 redirects per month

# DIRECTORY OF OPEN ACCESS JOURNALS

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New titles	(more than one word in a field will be treated as <b>phrase</b> )			
Find articles	(maio mai and maia maio maia mino distribution)			
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About	● AND U OR O NOT			
FAQ	In: All Fields			
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Found 3 documents matching your query : All Fields=bird flu

 $\leftarrow$ 

Presenting page 1/1

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

View record Fulltext

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

View record Fulltext

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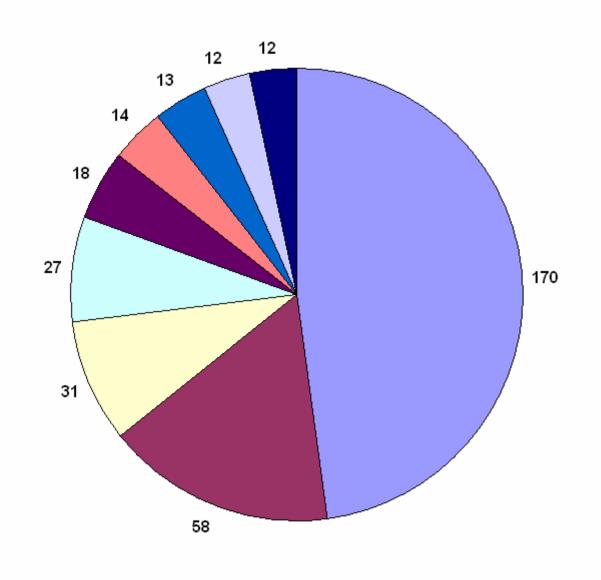




### So far ...

- 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?

# DOAJ DIRECTORY OF OPEN ACCESS & HYBRID JOURNALS For authors



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Welcome to the author service of DOAJ - The Directory of Open Access & Hybrid Journals. Here you can look up where to publish your research as **Open Access (OA)**.

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Browse by title

<u>ABCDEEGHIJKLMNOPQRSIUVWXY</u>

Browse by subject

#### Expand Subject Tree

- 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

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Subjects . Biology and Life Sciences . Life Sciences . Biotechnology

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About 22 journals belonging to subject: Biotechnology

\*DOUL

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AgBiofarum 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

Dublisher: Kluwor



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#### Authors FAQ

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 <u>Directory of Open Access Journals</u>. 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 revenues with the author have model as



### JournalInfo:

- JournalInfo: A new service for authors
- Where can I publish in Open Access?
  - Gold (Open Access or Hybrid Journals)
    - Publication charges?
  - Green (Selfarchiving)
    - What (pre-/postprints)
  - Cost-Effectiveness
    - Price per article/citation etc.
  - Impact factor(?)
- Advice in Intellectual Property Rights Issues
- Integrated in Directory of Open Access Journals (DOAJ)

# Journal Info

**Find Journals** 

Newsflash: The INSPEC database added to the Journal Info service.

News

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Look up information on your favorite scientific journal or discover a new one.

Find journals

#### Browse by subject

#### Expand Subject Tree



National Library of Sweden

- Agriculture
- Archaeology
- Asian studies
- Business, economics and management
- Education
- Environmental studies
- Gender studies
- General reference
- History
- Language and literature
- Law

- · Library and information science
- Medicine
- Performing arts
- Philosophy
- Political science
- Psychology
- Religion
- Science
- Social sciences
- Technology and engineering



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## JournalInfo

# Purpose of the service?

- to provide an aid for the researcher in the selection of journal for publication
- parameters:
  - scope
  - quality,
  - reader availability
  - library cost

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Browse by subject

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Expand Subject Tree

Subjects • Environmental studies • Environmental studies (General)

234 journals belonging to subject: Environmental studies (General)

<< Previous 2 3 4 5

Sierra

ISSN: 01617362

Subject: Environmental studies (General)

Publisher: Sierra Club

Sigurnost

ISSN: 03506886

Subject: Technology and engineering (General) --- Environmental studies (General)

--- Environmental engineering

Publisher: Zavod za istraživanje i razvoj sigurnosti d.d./Institute of safety research

and development

Silva Lusitana

ISSN: 08706352

Subject: Environmental studies (General) --- Forestry Publisher: Estação Florestal Nacional

Society & natural resources Full info

ISSN: 08941920

Subject: Environmental studies (General) --- Biology

Publisher: TAYLOR & FRANCIS INC

#### Society & natural resources

**ISSN:** 08941920 **EISSN:** 15210723

Publisher: TAYLOR & FRANCIS INC

Homepage: http://journalsonline.tandf.co.uk/openurl.asp?genre=journal&issn=0894-1920

Subject: Environmental studies (General) --- Biology

First published year: STAR

#### Reader accessibility

Open Access: No

Allows self-archiving of reviewed manuscript Maybe SHERPA

X Hybrid: No

#### Alternative journals with Open Access:

Anais da Academia Brasileira de Ciências

Current Science

Environmental Health Perspectives

Bioscience Biotechnology and Biochemistry

more alternative journals ...

#### Cost

★ Subscription price per article: \$14.47

✗ Subscription price per chation: \$14.18

× Profit-Status: For-Profit

#### Quality

✓ Databases indexing the journal: CSA-Social Services Abstracts --- Social Sciences Citations Index --- Zoological Record

Journal eigenfactor: 0.0038665

Article Influence: 9 53432

\* FRIDA score: Low

✓ ISI impact factor: Available to Journal Citation Report subscribers



#### Society & natural

ISSN: 0894192 EISSN: 152107 Publisher: TAY

Homepage: ht Subject: Enviro

First published

#### Reader accessibili

Open Access: Allows self-ard

X Hybrid: No

Alternative jou

Anais da Acac Current Science Environmenta Bioscience Bio more alterna

#### Cost

- Subscription p
- Subscription p
- X Profit-Status:

#### Quality

- Databases ind --- Zoological R
- Journal eigenf
- Article Influen
- ✗ FRIDA score: □
- ISI impact fact

# Journal Info

#### Alternative journals with Open Access for; Society & natural resources

- Anais da Academia Brasileira de Ciências
- · Current Science
- Environmental Health Perspectives
- · Bioscience Biotechnology and Biochemistry
- Acta Neurobiologiae Experimentalis
- BMC Microbiology
- · Brazilian Journal of Medical and Biological Research
- International Microbiology
- Memérias do Instituto Oswaldo Cruz
- PLoS Biology
- Proceedings of the Japan Academy, Series B Physical and Biological Sciences
- Revista de Biología Tropical
- Water SA
- Acta biochimica polonica
- Acta Protozoologica
- American Museum Novitates
- Arquivo Brasileiro de Medicina Veterinária e Zootecnia
- Biogeosciences
- · Biological Research
- · Biomedical Research
- BMC Biology
- BMC Developmental Biology
- BMC Evolutionary Biology
- BMC Genetics
- BMC Genomics
- BMC Plant Biology
- Brazilian Journal of Microbiology
- Bulletin of the American Museum of Natural History
- Cell Structure and Function
- · Genes and Genetic Systems



#### Society & natural

ISSN: 0894192 EISSN: 152107 Publisher: TAY Homepage: ht Subject: Environ First published

#### Reader accessibili

Open Access: Allows self-ard

Hybrid: No Alternative jou

Anais da Acac Current Scient Environmenta Bioscience Bio more alterna

#### Cost

- Subscription p
- Subscription p
- X Profit-Status:

#### Quality

- Databases ind --- Zoological R
- Journal eigenf
- Article Influen
- X FRIDA score: |
- ISI impact fact

# Journal Info

#### Proceedings of the Japan Academy, Series B Physical and Biological Sciences

ISSN: 03862208 EISSN: 13492896

Publisher: JAPAN ACAD

Homepage: http://www.jstage.jst.go.jp/browse/pjab

Subject: Biology --- Biology and miscellaneous --- Physiology

First published year: 1912

#### Reader accessibility

✓ Open Access: Yes

#### Cost

✓ Subscription price per article: FREE

✓ Subscription price per citation: FREE

✓ Profit-Status: Non-Profit

✓ Publication Fees: No

#### Quality

✓ Databases indexing the journal: BIOSIS Previews --- Science Citation Index --- Zoological Record --- GeoRef --- INSPEC

✗ Journal eigenfactor: 0.00111

X Article Influence: 0.18602

✗ FRIDA score: Low

✓ ISI impact factor: Available to Journal Citation Report subscribers

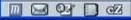














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#### Acknowledgements

This service is largely based on already available information on the web. We would like to acknowledge the following collaborators in this effort:

Sherpa/RoMEO, www.sherpa.ac.uk RoMEO
Ted Bergstrom, www.journalprices.com
The DOAJ developers, Lund University Libraries, www.doaj.org
Carl Bergstrom, www.eigenfactor.org
Gunnar Sivertsen, frida.usit.uio.no

We also would like to thank:

Håkan Carlsson, Head Office, Lund University Libraries (idea, realization, design) Salam Baker Shanawa, Head Office, Lund University Libraries (technical expertise, programming)

The OpenAccess.se programme of the National Library of Sweden (funding)

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#### Membership Program and Option for Supporting Contributions

#### 1. DOAJ Membership Program

Thanks to funding from Open Society Institute, The National Library of Sweden, SPARC, SPARC Europe and Axiell we have been able to operate, extend and improve the DOAJ over the last 3 years making the DOAJ the authoritative listing of peer-reviewed scholarly open access journals.

We need your support for the continuing operation and development of the DOAJ. In order to create a sustainable financial foundation for the continuing development and operation of DOAJ we now launch a membership program allowing individuals, universities, research centers, libraries, library organisation, library consortia, aggregators and other organisations to contribute.

#### Statement from Peter Suber in support of the membership program:

The Directory of Open Access Journals (DOAJ) is used by faculty around the world to find peer-reviewed journals where they can submit their work, as well as to find journals where they will have open access to the peer-reviewed research of colleagues. In these ways, the DOAJ enhances the value of open-access literature and helps connect authors and readers. Every institution that supports open access or researchers who support open access should support the DOAJ. I hope you will consider joining its membership program

Statement from LIBER President Hans Geleijnse in support of the DOAJ Membership Program

The Directory of Open Access Journals is an important service for researchers and their libraries. Research results in various disciplines are available, easy accessible. The growth of the number of peer reviewed journals and articles over the years and

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Thank you for your attention!



### Links

- DOAJ <u>www.doaj.org</u>
- JournalInfo jinfo.lub.lu.se

Lars Björnshauge – lars.bjornshauge@lub.lu.se