

PASTEUR40A

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# The role of open access and its practical implementation in research institutions

Iryna Kuchma



Attribution 4.0 International

“Open Science - benefits for researchers in the 21st century”, October 20, 2015, National Library of Latvia, Riga



# **Strategies to achieve open access**

Open access journals and monographs

Open access repositories

Search DOAJ

journals  articles [\[Advanced Search\]](#)

10,577 Journals  
6,467 searchable at Article level  
134 Countries  
2,092,992 Articles

### Directory of Open Access Journals (DOAJ)

DOAJ is an online directory that indexes and provides access to high quality, open access, peer-reviewed journals.

All journals that were accepted into DOAJ before March 2014 are now required to reapply. If you have a journal indexed in DOAJ, please log into your [Publisher Area](#) and follow the instructions.

- [FAQs](#)
- [Features](#)
- [Open Access Information](#)
- [Best Practice](#)
- [Download metadata](#)
- [New Journals Feed](#)

### Latest News

**[Open Access Week 2015 and the DOAJ Volunteer Loyalty Program](#)**  
What are you doing for Open Access Week 2015 (OAW 2015)? Perhaps you are holding a workshop at your university or giving a presentation in your library? OAW 2015 is the EIGHTH OAW and DOAJ stand firmly behind it. To honour this year's OAW, DOAJ is launching a volunteer loyalty program. You may have read [...] [Read More...](#)

*Sat, 26 Sep 2015 at 10:52*

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**[VACANCY Publication Specialist](#)**  
The Directory of Open Access Journals (DOAJ) indexes more than 10000 open access journals covering all areas of science, technology, medicine, social science and humanities. It is a white list of open access journals and aims to be the starting point for all information searches for quality, peer reviewed, open access material. Publishers must apply [...] [Read More...](#)

*Fri, 17 Jul 2015 at 05:47*

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**[VACANCY Publication Specialist](#)**  
The Directory of Open Access Journals (DOAJ) indexes more than 10000 open access journals covering all

- [Our members](#)
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Find books in DOAB... [Advanced search](#)

**3368** Academic peer-reviewed books  
from **120** publishers

**News** [Register for newsletter](#)

- 2015-06-17 DOAB wins the 2015 IFLA/Brill Open Access award
- 2015-05-07 DOAB reaches 100 publishers
- 2015-03-02 Collaboration SciELO and over 2500 books in DOAB
- 2014-12-17 OpenEdition Partnership

[Archive](#)

**Our Sponsors**





# Open Access Scholarly Publishers Association

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## The international community of Open Access publishers

Our mission is to represent the interests of Open Access (OA) journal and book publishers globally in all scientific, technical and scholarly disciplines. This mission will be carried out through exchanging information, setting standards, advancing models, advocacy, education, and the promotion of innovation.

Through a shared interest in developing appropriate business models, tools and standards to support OA publishing, we can ensure a prosperous and sustainable future to the benefit of our members and the scholarly communities they serve.

Join OASPA and keep up to date with news [via our Blog](#).

### ANNOUNCEMENTS

The 7<sup>th</sup> Conference on Open Access Scholarly Publishing (COASP) was held at KNAW in Amsterdam, September 15-17, 2015. See our [conference page](#) to be informed when recordings are available and to register for news of future events.

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Keep up to date on OASPA

### Latest Tweets

Dove Medical Press reinstated as members of OASPA following Membership Committee review <http://buff.ly/1KzwF3c>  
Posted on 23 Sep

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A huge thanks to everyone who attended, talked & made this year's #COASP such a lively affair. Looking forward to seeing you all next year!

<https://www.fosteropenscience.eu/foster-taxonomy/funders-policies>

### Some of our members [View Full List of Members >](#)

### Subscribe to OASPA News

Email Address\*

First Name

Last Name

\* = required field

# What are the advantages of a repository to a University?

Opens up the outputs of the university to the world

Maximises the visibility and impact of these outputs as a result

Showcases the university to interested constituencies – prospective staff, prospective students and other stakeholders

# What are the advantages of a repository to a University? (2)

Collects and curates digital outputs

Manages and measures research and teaching activities

Provides a workspace for work-in-progress, and for collaborative or large-scale projects

# What are the advantages of a repository to a University? (3)

Enables and encourages interdisciplinary approaches to research

Facilitates the development and sharing of digital teaching materials and aids

Supports student endeavours, providing access to theses and dissertations and a location for the development of e-portfolios





Search in 12,225,631 publications 9,757 datasets from 5,933 repositories and OA journals

**New Portal. New Features. New Look.**

The OpenAIRE team has been busy over



# OpenAIRE

**OPEN ACCESS**  
**INFRASTRUCTURE**

**for research in Europe**

[www.openaire.eu](http://www.openaire.eu)

# Project & Infrastructure...

Guided by OA  
funder policies  
(European  
Commission)

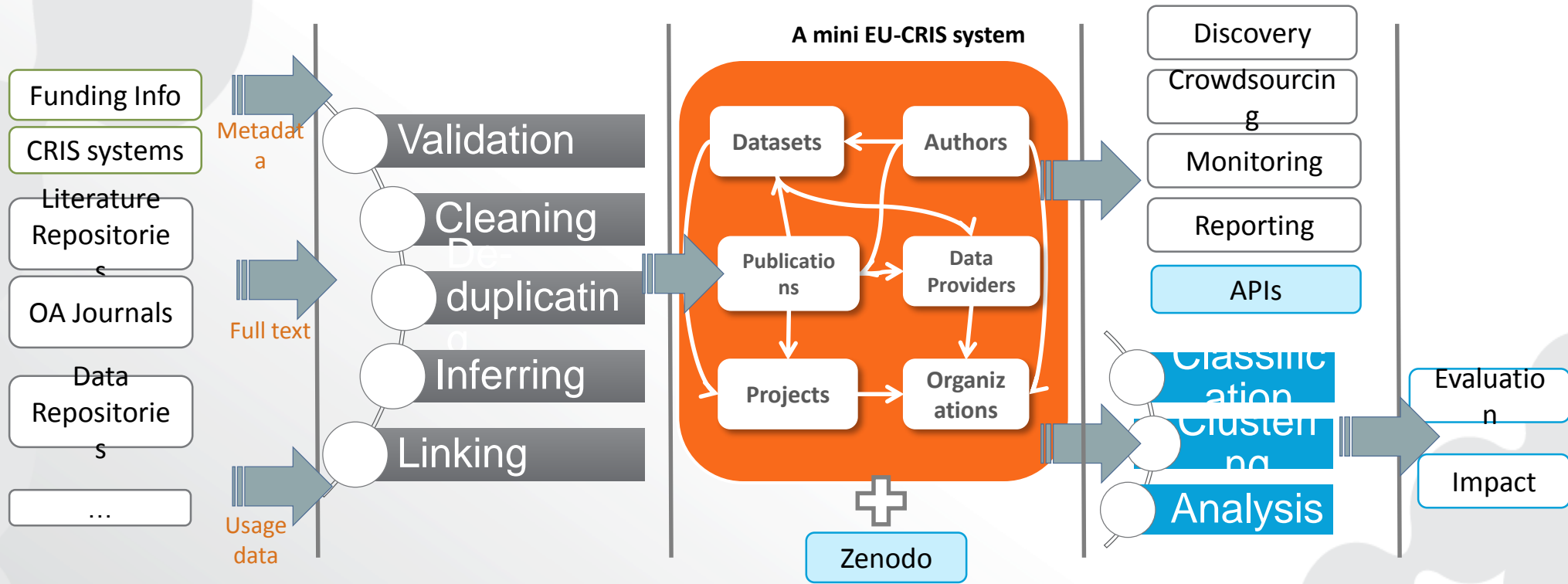


Participatory  
approach (human &  
e-infrastructure)



Integrated  
Scientific  
Information  
System





**Data Providers** OpenAIRE Platform **Services**

# Linking research results

Publications and data to projects

1 IDENTIFY PROJECT | 2 SELECT PUBLICATIONS/DATASETS | 3 SET ACCESS RIGHTS

## 3 easy steps

Identify projects (EC +)

Find publications/data

Set access rights

LINK

Your research results. Associate them with funding.



PARTICIPATE

SEARCH

MONITOR

Deposit Publications & Data

Link Research Results

Validate / Register Repository

Content policy



# View aggregated project scientific output

You can get to a project landing page through the use of our search/browse facilities and search for your project either by the name, acronym or project identifier.

**YOU MAY USE THE  
OPENAIRE SERVICES  
TO GET THE  
AGGREGATED PROJECT  
OUTPUT IN A FORMAT  
THAT YOU CAN USE  
FOR YOUR REPORTING  
OR MONITORING.**

SHARE - BOOKMARK



## APP BOX

- Publication details
- Dynamically incorporate publications in your site (HTML)
- View EC progress report (HTML)
- Download EC progress report (CSV)

LINK RESEARCH RESULTS

DEPOSIT PUBLICATIONS

# A project view

## Project: ELISA

TITLE European Light Sources Activities - Synchrotrons and Free Electron Lasers

Publications Data Statistics

[view all 581](#)

### XAFS IN THE TRACKING OF REACTIONS IN AQUEOUS SOLUTION: A CASE OF REDOX REACTION BETWEEN $[AuCl_4]^-$ COMPLEX IONS AND ETHANOL


Paclawski, K.; Sikora, M. (2012)  
Projects: ELISA (226716)

In this work the potential application of synchrotron radiation in the studies of reaction kinetics in aqueous phase were presented. After short introduction describing principles of technique and potential application of XAFS for the structural studies of reacting species, the experimental results of

ORGANIZATIONS INFN, DESY, HZDR, KIT, Helmholtz-Zentrum Be, DESY, EMBL, Synchrotron SOLEIL, KIT, FOM, CNRS, Synchrotron HZDR, CNRS, CELLS, EMBL, INFN

MORE INFORMATION

[Detailed project information \(CORDIS\)](#)


**ELISA**

**European light sources activities - synchrotrons and free electron lasers**

From 2009-03-01 to 2011-08-31 | [ELISA website](#)

Europe has the largest and most advanced system of synchrotrons and free electron lasers (FELs): 17 operating facilities, several under construction, some 300 beamlines, 25,000-30,000 users per year from many disciplines (materials, chemistry, biology, medicine, physics, technology and others); this is also the worlds largest experimental network. The system is an open resource for all scientists ...

**Project details**

<b>Project reference:</b> 226716 <b>Status:</b> Completed  <b>Total cost:</b> EUR 11 527 104 <b>EU contribution:</b> EUR 10 000 000	<b>Programme acronym:</b> FP7-INFRASTRUCTURES <b>Subprogramme area:</b> INFRA-2008-1.1.1 <b>Contract type:</b> Combination of CP and CSA
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**Results**

- Periodic Report Summary - ELISA (European light sources activities - synchrotrons and free electron lasers)

**Documents**

- Periodic Report - ELISA (European light sources activities - synchrotrons and free electron lasers)

**Publications (436)**

via OpenAIRE 

- Improved scintillation proportionality and energy resolution of LaBr(3):Ce at 80 K  
Ivan V. Khodyuk - Mikhail S. Alekhin - Johan T. M. de Haas - Pieter Dorenbos
- Structure of the Dimeric Autoinhibited Conformation of DAPK2, a Pro-Apoptotic Protein Kinase  
Ashok K. Patel - Ravi P. Yadav - Vilvi Majava - Inari Kursula - Petri Kursula
- Examination of the Coordination Sphere of AlIII in Trifluoromethyl-Heteroarylalkenolato Complex Ions by Gas-Phase IRMPD Spectroscopy and Computational Modelling  
Lisa Brueckmann - Wieland Tyrre - Sanjay Mathur - Giel Berden - Jos Oomens - Anthony J. H. M. Meijer - Mathias Schaefer

# A project report

All project publications in HTML or CSV

## Publications of Project ELISA

445 publications

Title	Author	Publisher	Publication Date	Permanent Identifier	Access Mode	Embargo End Date
Low-temperature fabrication of layered self organized ge clusters by RF-sputtering	Pinto, S. R. C.	Springer Verlag	2011-04-14	<a href="http://hdl.handle.net/1822/15689">http://hdl.handle.net/1822/15689</a>	OPEN	
The high-resolution structure of the extracellular domain of human CD69 using a novel polymer	Kolenko, Petr	WILEY-BLACKWELL PUBLISHING, INC	2009-01-01	<a href="http://dx.doi.org/10.1107/S1744309109043152">http://dx.doi.org/10.1107/S1744309109043152</a>	CLOSED	
Structural and magnetic study of the annealing of Fe-Co nanoparticles	Desvaux, Celine	ROYAL SOC CHEMISTRY	2010-01-01	<a href="http://dx.doi.org/10.1039/b916294a">http://dx.doi.org/10.1039/b916294a</a>	CLOSED	
Neuroprotective action of FK-506 (tacrolimus) after seizures induced with pilocarpine: quantitative and topographic elemental analysis of brain tissue	Chwiej, Joanna	SPRINGER	2010-01-01	<a href="http://dx.doi.org/10.1007/s00775-009-0597-2">http://dx.doi.org/10.1007/s00775-009-0597-2</a>	CLOSED	
Energy band structure and optical response function of isoschedal-B(12A)(2): A spectroscopic ellipsometry and first	Belokobov, S.	AMER. PHYSICAL SOC	2010-01-01	<a href="http://dx.doi.org/10.1103/PhysRevB.81.075114">http://dx.doi.org/10.1103/PhysRevB.81.075114</a>	CLOSED	





# Project apps

Use OpenAIRE to aggregate and disseminate all project's publications

### App Box

- Publication details
- Dynamically incorporate publications in your site (HTML)
- View EC progress report (HTML)

Dynamically incorporate publications in your site (HTML)

```
<script type="text/javascript">
<!--
document.write('<div id="oa_widget"></div>');
document.write('<script type="text/javascript" src="http://vatopedi.di.uoa.gr/joomla-2.5.3/index.php?option=com_openaire&view=widget&format=raw&projectId=ec::226716"></script>');
-->
</script>
```

Copy

### EURO-BASIN

BASIN SCALE ANALYSIS, SYNTHESIS AND INTEGRATION

Publications List:

- EURO-BASIN will make 100% of all fully funded peer-reviewed publications freely available via 'green' open access...
- Publications listed in PPT e-infrastructure OpenAIRE (incl. 19 publications from a special issue in Progress in Oceanography 84, 2010 based on which the project proposal was constructed).

#### EURO-BASIN publications

- Seasonal variation in marine CNF stoichiometry: can the composition of seston explain stable Redfield ratios? Bellamy, R.G.J., Johnson, T.M., Yauvel, L.J., Hesse, D.O., Anderson, T., Fogstad, H.
- Stepwise building of plankton functional type (PFT) models: A feasible route to complex models? Aut, Larsen, Espen, Strand, Friede, Thongstad
- Top-down, bottom-up or middle-out? Avoiding extraneous detail and over-generality in marine ecosystem models. Fulton, E., Allen, J.
- Dysfunctionality in ecosystem models: An underrated pitfall? Mira, Adriaen, Anderson, Thomas R.
- Toward linking ocean models to fish population dynamics. Buckley, Lauren B., Buckley, Lawrence J.
- Towards methodological approaches to implement the zooplankton component in 'end-to-end' food-web models. Poggiale, J.C., Carloti, F.
- Ecological modeling in a sea of variable stoichiometry: Dysfunctionality and the legacy of Redfield and Menzies. Payne, Kacie J.
- Connecting coupled vital rates into units appropriate for biogeochanical models. Zanusso, S., Esserhauer, L., Carloti, F., Frangouli, C.
- The case for marine ecosystem models of intermediate complexity. St John, Mike, Vazna, Alan, Harnish, Charles
- Plankton functional group models - An assessment. Hofmann, Eileen E.
- Dodging the sea from ocean models to population dynamics of large marine predators.

### PRIME-XS

Home About PRIME-XS Research Access to Facilities Events Downloads News Intranet Links

- Quick Links
- Publication List (OpenAIRE)

#### PRIME-XS publications

- Zwitterionic Hydrophilic Interaction Liquid Chromatography (ZIC-HILIC and ZIC-C-HILIC) Provide High Resolution Separation and Increase Sensitivity in Proteome Analysis. Serena Di Palma - Paul J. Boersma - Albert J. R. Heck - Shabaz Mohammed
- Collagen stimulation of platelets induces a rapid spatial response of cAMP and cGMP signaling scaffolds. Luigi Margarucci - Mark Roest - Christian Preisinger - Onno B. Bleijerveld - Thijs C. van Holten - Albert J. R. Heck - Arjen Scholten
- Proteome-Wide Mapping of the Drosophila Acetylome Demonstrates a High Degree of Conservation of Lysine Acetylation. Brian T. Weinert - Sebastian A. Wagner - Helko Horn - Peter Henriksen - Wenshe R. Liu - Jesper V. Olsen - Lars J. Jensen - Chunarun Choudhary
- Highly Sensitive Proteome Analysis of FACS-Sorted Adult Colon Stem Cells. Serena Di Palma - Daniel Stange - Marc van de Wetering - Hans Clevers - Albert J. R. Heck - Shabaz Mohammed
- Improving SRM Assay Development: A Global Comparison between Triple Quadrupole, Ion Trap, and Higher Energy CID Peptide Fragmentation Spectra. Erik L. de Graaf - A. F. Maarten Altelaar - Bas van Breukelen - Shabaz Mohammed - Albert J. R. Heck
- Improving Depth in Phosphoproteomics by Using a Strong Cation Exchange-Weak Anion Exchange-Reversed Phase Multidimensional Separation Approach. Marco L. Hennrich - Vincent Groenewold - Geert J. P. L. Kops - Albert J. R. Heck - Shabaz Mohammed
- A Proteome-wide, Quantitative Survey of In Vivo Ubiquitylation Sites Reveals Widespread Regulatory Roles. Sebastian A. Wagner - Petra Bell - Brian T. Weinert - Michael L. Nielsen - Juergen Cox - Matthias Mann - Chunarun Choudhary
- Enhancing the Identification of Phosphopeptides from Putative Basophilic Kinase Substrates Using TI (IV) Based IMAC Enrichment. Houjiang Zhou - Teck Y. Low - Marco L. Hennrich - Henk van der Toorn - Thomas Schwend - Hanfa Zou - Shabaz Mohammed - Albert J. R. Heck
- Evaluation of the Deuterium Isotope Effect in Zwitterionic Hydrophilic Interaction Liquid Chromatography Separations for Implementation in a Quantitative Proteomic Approach. Serena Di Palma - Reinout Rajmakers - Albert J. R. Heck - Shabaz Mohammed
- Accurate Quantification of Cardiovascular Biomarkers in Serum Using Protein Standard Absolute Quantification (PSAQ) and Selected Reaction Monitoring. Céline Hüllet - Annie Adrait - Dorothee Lebert - Guillaume Picard - Mathieu Trauchessee - Mathilde Louwagie - Alain Dupuis - Luc Hittinger - Bijan Ghaleh - Philippe Le Coqvoisier - Michel Jaquinod - Jerome Garin - Christophe Bruley - Virginie Brun



# Statistics

## **Individual statistics**

Project, publication/data (usage), author

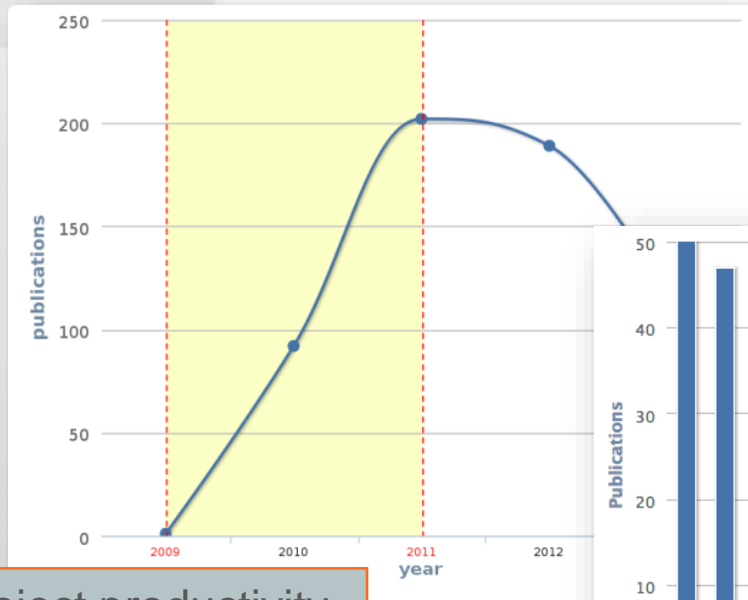
## **Aggregated statistics over**

Funding agency, programme, scientific area, country, institution

OA evaluation

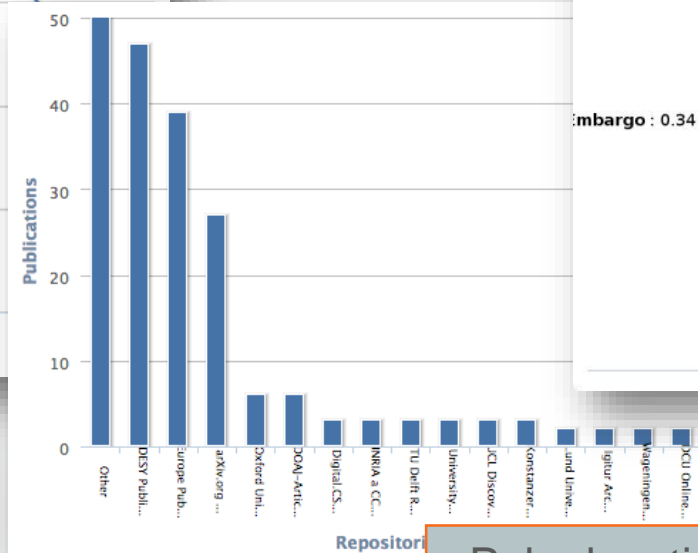
## **Advanced statistics based on content classification and clustering**

# Project statistics

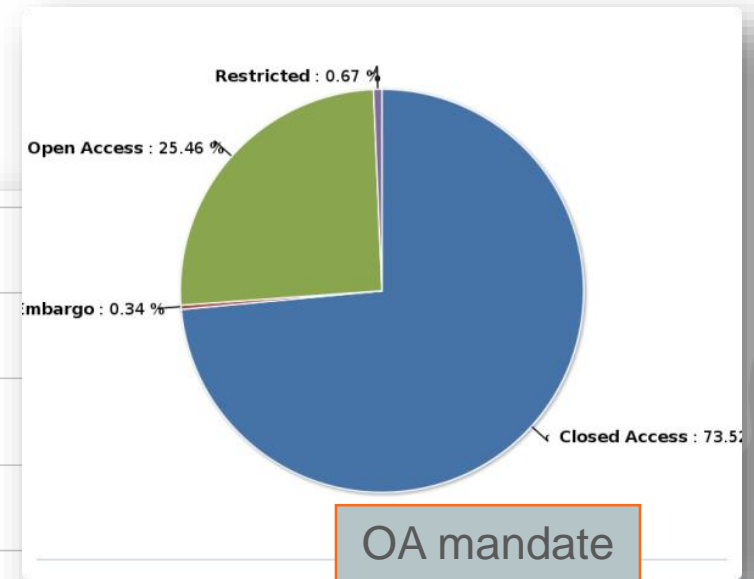


Project productivity over time

Post project-end monitoring

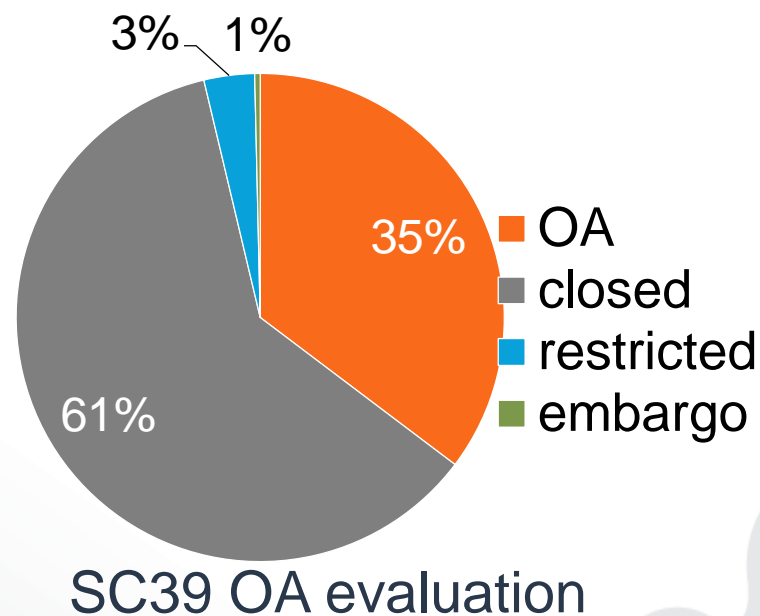
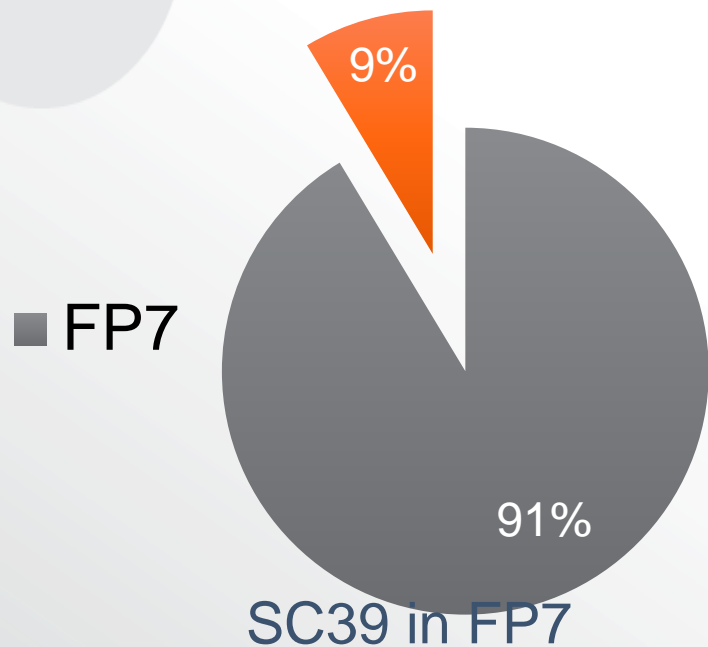


Pubs location



OA mandate conformance

# Monitoring OA policies



FP7 OA pilot evaluation



# Funders

**Evidence based policy making**

**Overall policy monitoring**

**Scientific outcome reporting**

**First step in impact assessment**

**Links to advanced indicators**

**Return on investment**

# Funders

**OpenAIRE would like to use a 'very limited' set of metadata fields from funders, no personal or private details are needed, e.g. no people's names, budget details**

- PROJECT IDENTIFIER (MANDATORY)
- PROJECT TITLE or ACRONYM (MANDATORY)
- FUNDER NAME (MANDATORY), e.g. Wellcome Trust, EC
- START DATE (MANDATORY),
- END DATE (MANDATORY)
- FUNDING STREAM(S) (OPTIONAL) – funding categories for more detailed statistics
- ORGANIZATION(S) INVOLVED (OPTIONAL)



# One Week to Go! Open Peer Review Tender closes 5 June



Credit: AJ Cann, CC BY-SA 2.0

Peer review is evolving – help shape its future!

OpenAIRE invites tenders for two prototypes (technologies or workflows) in the area of open peer review. Tenders should build upon or align with the OpenAIRE infrastructure, including [Zenodo.org](https://zenodo.org).

OpenAIRE supports Open Access in Europe and beyond to help realize Open Science for the benefit of society, innovation and industry. OpenAIRE2020, the current project phase, is investigating new modes of scholarly communication, including new approaches to peer review. This invitation to tender forms part of this effort.

The work aims to:

- Encourage technological experimentation in the area of open peer review.
- Investigate ways in which open peer review technologies might integrate with OpenAIRE's infrastructure, including the repository [Zenodo.org](https://zenodo.org) as well as other content aggregated, inferred, and interlinked by OpenAIRE.
- Provide case studies for evaluation in OpenAIRE's wider investigation of open peer review.

## 1. THE WINNOWER AND ZENODO

Project Lead: [The Winnower](#)

*the*  
**WINNOWER** The Winnower will explore if publishing post-publication peer reviews can be incentivized by elevating peer reviews to the same level as original research, with all the affordances and services of scholarly publications. Towards this goal, the Winnower will directly integrate with the Zenodo repository by (1) acting as a platform for reviews of Zenodo content, and (2) depositing reviews published on The Winnower in Zenodo.

Science thrives on discussion and debate, but some of the most meaningful discussions happen away from the public, in traditional, closed, peer review. Efforts to bring peer review from behind closed doors—to where it can serve the scientific community as a whole—have had varying degrees of success. Chief among the challenges is the lack of incentives for scholars to write and make public high quality reviews. And yet, peer review, more broadly construed, takes place every day amongst individuals, in groups, in labs, in classes around the world, and in the form of organized meetings informally referred to as “journal clubs.” These journal club discussions—disinterested reviews—tend to happen post-publication, as scholars of all stripes discuss works relevant to their research with their colleagues. Unfortunately, journal club proceedings, like the other forms of peer review, are very rarely published, if only because of the burdens of publishing, and the lack of incentives to do so. This project shall attempt to rectify this and bring such work into the open through



## 2. OPEN PEER REVIEW MODULE FOR REPOSITORIES

Project Lead: [Open Scholar](#)

Project partners: [DIGITALCSIC](#), [e-IEO](#), [IIIA](#), [SECABA](#), [ARVO](#)



open scholar

This consortium will capitalise on the existing infrastructure offered by open access repositories by enabling their conversion into functional evaluation platforms by developing a prototype open peer review module (OPRM) for open access repositories. The OPRM will initially be developed as a DSpace plugin but designed to facilitate subsequent adaptation to other repository software suites like Invenio (which underpins Zenodo) and EPrints.

The OPRM will be open, with full text of reviews publicly available alongside the original research work, and transparent, with reviewers' identities disclosed to authors and the public. It will also include a reviewer reputation system based on the assessment of reviews themselves, both by the community of users and by other reviewers, in order to allow a sophisticated weighting of each review's respective importance for the overall assessment of a research work. This qualitative and quantitative repository-based evaluation process, able to run in parallel to traditional journal peer review, will:

- Enable the peer review of any research work deposited in a repository, including data, code and monographs.



PARTICIPATE

SEARCH

MONITOR

SUPPORT

OPEN ACCESS

- Enable the peer review of any research work deposited in a repository, including data, code and monographs.
- Provide novel metrics for the quantitative assessment of research quality.
- Create a sophisticated reputation system for reviewers.
- Allow the weighting of reviews based on the quality of previous reviewer contributions.
- Facilitate the selection of relevant content from digital repositories by distinguishing material that has been validated by reviewers using tags and advanced search filters.
- Engage the research community in an open and transparent dialogue over the soundness and usefulness of research material.





# OpenAIRE Guide for Usage Statistics



## HARVESTING USAGE DATA

Aggregation requires standardization on the recording of user events, exclusion of robot accesses and data exchange mechanisms. The [OpenAIRE Guidelines for Usage Statistics \(v1.0\)](#), based on OAI-PMH, specify a common description of usage events for a straightforward adoption by data providers.

## LEGAL ISSUES - PRIVACY POLICY

In alignment with the [European Act of personal data protection](#), the IP address, session-id and in some cases also the C-class Subnet must be pseudonymised before transferring the usage data to the aggregator services.

### Find more

- [Guides for](#) ▾
  - [Repository Managers](#)
  - [OA Journals](#)
  - [Repository Managers - Usage Statistics](#)
- [Register & Validate](#)
- [Enrich metadata](#)
- [Intro for Data Providers](#)



# Seven benefits to implementing an OA policy

Systematically contribute to the greater worldwide visibility of your researchers, their groups, centers, departments, helping to increase their international reach and impact

With a greater web presence, help increase your institution's ranking position.

# Seven benefits to implementing an OA policy

Contribute to the faster innovative and economic growth of your region and your country by providing access to results to other smaller research institutions, SMEs and other industry innovators.

Stimulate new research partnerships and project collaborations, and generate further research income for your institution.

# Seven benefits to implementing an OA policy

Making your institution's knowledge open access means increasing its value by being more accessible and used by professionals, practitioners, business and industry.

Increase the social impact and reputation of your institution through greater visibility of research results through more channels.

# Seven benefits to implementing an OA policy

Demonstrate your institution's commitment to open access and open science in no uncertain terms.

(SPARC Europe)

## Budapest Open Access Initiative

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### Ten years on from the Budapest Open Access Initiative: setting the default to open



#### Prologue: The Budapest Open Access Initiative after 10 years

Ten years ago the Budapest Open Access Initiative launched a worldwide campaign for open access (OA) to all new peer-reviewed research. It didn't invent the idea of OA. On the contrary, it deliberately drew together existing projects to explore how they might "work together to achieve broader, deeper, and faster success." But the BOAI was the first initiative to use the term "open access" for this purpose, the first to articulate a public definition, the first to propose complementary strategies for realizing OA, the first to generalize the call for OA to all disciplines and countries, and the first to be accompanied by significant funding.

Today we're no longer at the beginning of this worldwide campaign, and not yet at the end. We're solidly in the middle, and draw upon a decade of experience in order to make new recommendations for the next ten years.

We reaffirm the BOAI "statement of principle, statement of strategy, and statement of commitment." We reaffirm



# On policy

Every institution of higher education should have a **policy assuring that peer-reviewed versions of all future scholarly articles by faculty members are deposited in the institution's designated repository**

## On policy (2)

University policies should respect faculty freedom to submit new work to the journals of their choice.

University policies should encourage but not require publication in OA journals, and should help faculty understand the difference between depositing in an OA repository and publishing in an OA journal.

## On policy (3)

Every institution of higher education offering advanced degrees should have a **policy assuring that future theses and dissertations are deposited upon acceptance in the institution's OA repository**. At the request of students who want to publish their work, or seek a patent on a patentable discovery, policies should grant reasonable delays rather than permanent exemptions.

# **On policy (4)**

**Every research funding agency, public or private, should have a policy assuring that peer-reviewed versions of all future scholarly articles reporting funded research are deposited in a suitable repository and made OA as soon as practicable.**

## **On policy (5)**

**Universities with institutional repositories should require deposit in the repository for all research articles to be considered for promotion, tenure, or other forms of internal assessment and review.**

# On policy (6)

Insofar as universities, funding agencies, and research assessment programs need to measure the impact of individual articles, **they should use article-level metrics, not journal-level metrics**

## **On policy (7)**

**Similarly, governments performing research assessment should require deposit in OA repositories for all research articles to be reviewed for national assessment purposes.**



HOME

SIGN THE DECLARATION

INSPIRATION AND GOOD PRACTICES

A LETTER TO THOMSON REUTERS



*The San Francisco Declaration on Research Assessment (DORA), initiated by the American Society for Cell Biology (ASCB) together with a group of editors and publishers of scholarly journals, recognizes the need to improve the ways in which the outputs of scientific research are evaluated. The group met in December 2012 during the ASCB Annual Meeting in San Francisco and subsequently circulated a draft declaration among various stakeholders. DORA as it now stands has benefited from input by many of the original signers listed below. It is a worldwide initiative covering all scholarly disciplines. We encourage individuals and organizations who are concerned about the appropriate assessment of scientific research to sign DORA.*

Download the Declaration (PDF)

Download the DORA Logo (ZIP)

Download the DORA Poster (PDF)



## San Francisco Declaration on Research Assessment

### Putting science into the assessment of research

There is a pressing need to improve the ways in which the output of scientific research is evaluated by funding agencies, academic institutions, and other parties.

To address this issue, a group of editors and publishers of scholarly journals met during the Annual Meeting of The American Society for Cell Biology (ASCB) in San Francisco, CA, on December 16, 2012. The group developed a set of recommendations, referred to as the San Francisco Declaration on Research Assessment. We invite interested parties across all scientific disciplines to indicate their support by adding their names to this Declaration.

The outputs from scientific research are many and varied, including: research articles reporting new knowledge,

**IMPORTANT DEVELOPMENTS**  
**The conversation about research assessment continues...**

Inspiration and Good Practices on Research Assessment





1. Do not use journal-based metrics, such as Journal Impact Factors, as a surrogate measure of the quality of individual research articles, to assess an individual scientist's contributions, or in hiring, promotion, or funding decisions.

The San Francisco Declaration on Research Assessment (DORA)

<http://am.ascb.org/dora/>

### Original Signers (Individuals)

Live Search

1. Euan Adie, Altmetric LLP
2. Elizabeth M. Adler Executive Editor, The Journal of General Physiology
3. Sharon Ahmad Executive Editor, Journal of Cell Science
4. Kurt H. Albertine Editor-in-Chief, The Anatomical Record
5. Bruce Alberts Editor-in-Chief, Science
6. José M. Amigó Professor Emeritus, Unity of Crystallography and Mineralogy, Department of Geology, University of Valencia, Spain
7. Parker Antin Editor-in Chief, Developmental Dynamics
8. Simeon Arseniyadis Research Director, CNRS-France
9. Detlef Axmann Professor, Department of Prosthodontics and Medical Materials, Eberhard-Karls-University, Germany
10. Tonci Balic-Zunic Associate Professor in Mineralogy and leader of the Crystallography & Mineralogy Group, Natural History Museum, University of Copenhagen, Denmark
11. Joel Bernstein Professor, Department of Chemistry, New York University Abu Dhabi, United Arab Emirates
12. Stefano Bertuzzi Executive Director, American Society for Cell Biology
13. Ted Bianco Acting Director, Wellcome Trust

12529

All Individuals, Total

Live Search

1. Euan Adie, Altmetric LLP
2. Elizabeth M. Adler Executive Editor, The Journal of General Physiology

### Original Signers (Organizations)

Live Search

1. Academy of Sciences of the Czech Republic (AS CR)
2. Altmetric LLP
3. American Association for the Advancement of Science (AAAS)
4. American Oil Chemists' Society
5. American Society for Cell Biology
6. American Society of Agronomy
7. Association for Psychological Science
8. Austrian Science Fund (FWF)
9. Biology Open
10. British Society for Cell Biology
11. CBE—Life Sciences Education
12. Cell Structure and Function (a journal published by Japanese Society of Cell Biology)
13. Centro Nacional de Analisis Genomico (CNAG)
14. Cron Science Society of America

586

All Organizations, Total

Live Search

1. Academy of Sciences of the Czech Republic (AS CR)
2. Altmetric LLP

> Impact, not impact factor

> A False Sense of Precision—What Happens to Journal Impact Factor (JIF) Rankings When You Drop a Decimal Place?

> Time to discard the metric that decides how science is rated

> Academic Assessment: Nature vs. Nurture

> Why we are not ready for radical changes in science publishing

> Nobel Laureate Schekman Offers NIH His First Post-Prize Talk

> Editorial – “Dear DORA”

> Science publishing: The golden club

> DORA has been translated into Japanese

> Time To Change How Research is Assessed

> Fame is Fortune in Sino-Science

> NIMH Director Comments on DORA

> Beyond CVs and Impact Factors: An Employer’s Manifesto

> Halt the avalanche of performance metrics



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### UCL signs San Francisco Declaration of Research Assessment

20 January 2015

UCL has signed the [San Francisco Declaration on Research Assessment \(DoRA\)](#), which acknowledges weaknesses in the use of the Journal Impact Factor (JIF) as a measure of quality, since this measure relates to journals as a whole and not to individual articles. Recognising that research results in outputs other than journal articles, DoRA also attempts to identify new routes to research evaluation.

Universities who sign DoRA should:

- > be explicit about the criteria used to reach hiring, tenure and promotion decisions, clearly highlighting, especially for early-stage investigators, that the scientific content of a paper is much more important than publication metrics or the identity of the journal in which it was published
- > for the purposes of research assessment, consider the value and impact of all research outputs (including datasets and software) in addition to research publications, and consider a broad range of impact measures including qualitative indicators of research impact, such as influence on policy and practice.

Researchers should:

- > make assessments based on scientific content rather than publication metrics, when involved in committees making decisions about funding, hiring, tenure, or promotion
- > wherever appropriate, cite primary literature in which observations are first reported rather than reviews in order to give credit where credit is due
- > use a range of article metrics and indicators on personal/supporting statements, as evidence of the impact of individual published articles and other research outputs
- > challenge research assessment practices that rely inappropriately on JIF, and promote and teach best practice that

<https://www.ucl.ac.uk/news/staff/staff-news/0115/16012015-ucl-signs-declaration-on-research-assessment>

“...for the purposes of research assessment, **consider the value and impact of all research outputs (including datasets and software) in addition to research publications, and consider a broad range of impact measures** including qualitative indicators of research impact, such as influence on policy and practice.

Researchers should: “...**use a range of article metrics and indicators** on personal/supporting statements, as evidence of the impact of individual published articles and other research outputs”

# The Institution:

Collects and preserves its scientific output and disseminates it through its repository

Provides the possibility of indexing and tracking the scientific output of the institution from international search engines on the internet, like Google etc.

Monitors the number of visits and use and collects data and indicators that can be used in institutional planning, and the search for sources of funding etc.

# The Institution: (2)

Provides opportunities for the use and re-use of the institution's output for scientific purposes (CVs, publications, excellence reports, indicators, institutional websites, personal websites etc.)

Strengthens international communication and collaboration channels and the institution's international profile

# The researchers:

Increase the visibility of their research and their citations

Increase the usage of their research

Increase the impact of their research

Obtain a permanent link for each of their research outputs

## Erin McKiernan

Erin McKiernan is a researcher in experimental and computational neuroscience, and an advocate for open access, open data, and open science. You can follow her on Twitter @emckiernan13



August 2014

### Early career researchers / University research: if you believe in openness, stand up for it

Publishing openly provides greater exposure, boosts prospects and can lead to more citations, says **Erin McKiernan**



22 Aug 2014 34



Make a list of open access publication options in your particular field. Chances are you will be surprised by the range of possibilities

Erin McKiernan

Discuss access issues with your collaborators up front, before the research is done and the articles written.

Erin McKiernan



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# Carl Boettiger

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- posters (6)
- slide decks (17)
- software products (75)



Theoretical Ecologist. Bio at: <http://carlboettiger.info>

Open Access  
Global Reach

UC Santa Cruz



## Selected works

### Is your phylogeny informative? Measuring the power of comparative methods.

(2012) [Boettiger](#), Coop, Ralph. *Evolution*

read fulltext

highly viewed

### rfishbase: exploring, manipulating and visualizing FishBase data from R

(2012) [Boettiger](#), Lang, Wainwright. *Journal of Fish Biology*

read fulltext

highly viewed

### Tipping points: From patterns to predictions.

(2013) [Boettiger](#), Hastings. *Nature*

read fulltext

highly viewed

### Lab Notebook, 2012

(2013) *figshare*.

highly discussed

highly viewed

highly discussed

highly viewed

## Key profile metrics

107 saves across  
25 articles

88 forks across  
75 software products

Blog about your science, and in language that is comprehensible to non-scientists. Doing this can ultimately increase the impact of your work and can even lead sometimes to press coverage and to better press coverage.

Erin McKiernan

Be active on social media. This is the way academic reputations are built today, so ignoring the opportunities presented is unwise.

Erin McKiernan

If for some reason you do publish a closed-access article, remember that you can self-archive a copy of your article in a disciplinary or institutional or shared repository.

Erin McKiernan



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# Part 4: Should you make your thesis available online?: Introducing EthOS by Sara Gould 22FEB12

Posted by atarrant



Today's post, which contributes to our series about publishing dissertations and theses online is written by Sara Gould. Sara is the ETHOS Service Manager at the British Library, UK. She is managing the transition of this e-theses website to a sustainable Higher Education shared service.

Anna has been wondering whether to publish her thesis. Or if not 'publish'

then put it online somewhere to share the results of her work more widely, and gain the benefits she mentions, like raising the level of interest in her research and making connections with like-minded researchers.

**EthOS** is the UK's e-theses website that gives instant access to 55,000+ doctoral theses. Pretty much all UK universities have their theses listed in ETHOS so there's around 300,000 records in all, with a variety of routes to get hold of the full text if it's not already available.

That's a fantastic resource for students and all researchers, not just to be able to dig deep into research that's already happened, but to see who's researching what and who the key players are – individuals, departments, institutions, even funders.

It almost goes without saying that open access to research theses is a 'good thing' for new researchers, for those looking for source material. But what about for thesis authors themselves? Should Anna try to make sure her PhD thesis appears in her university's repository and/or ETHOS, or not?

Here are a few frequently expressed concerns:

### 1. It'll spoil my publication chances later

Well, it might, but in a [recent survey](#) only 7% of institutions cited this as a frequent concern amongst their students, and no concrete examples were found of publication being refused because the PhD thesis had been added to an open access repository. If reassurance is needed, then an embargo period can be applied, with may be the record plus abstract still being available to all.

### 2. My work will be plagiarised

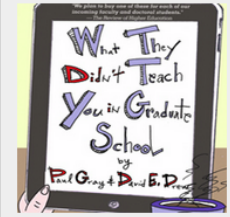
It's possible, but then again people can plagiarise from printed theses too, and in those cases there's no automated way to detect the crime.

Allowing open access to your thesis does open it up to all sorts of people who may come along and use the content in whatever way they like. But plagiarism detection services can help to mitigate the risks, and in **EthOS** at least, users have to register their details, so we *could* if necessary track all users of a particular thesis. So far that's never been needed. And as people get more and more used to open

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# Thank you!

# Questions?

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