



Making Open Access work for ICTA

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Today's topics

- What and why?
 - Open Access options: Green, Gold and Hybrid
 - Funder's policies (H2020)
- Where? Your institutional repository: Dipòsit Digital de Documents (DDD)
- How? Practical implications.
 - Example
- Questions

Why Open Access?

- ✓ Authors should retain part of the **exploitation rights**
- ✓ Journals **subscription fees** increase every year
- ✓ Public institutions **must pay for access** their own research output



OA options

[BioMed Central \(Springer\)](#) / [How much ...](#) 1500 – 2500 USD

[Hindawi Publishing Corporation](#) / [Article Processing Charges](#) (APC) 600 – 2000 USD

[PloS](#) / [Fees](#) 1350 – 2900 USD

[Elsevier](#) / Open access fee is paid by the author

[Pirineos. Revista de ecología de montaña](#) / No fee, no APC



[Self-archiving](#)

Green policy

Example: [Searching on Google Scholar](#)

Two initial strategies...



GOLD



GREEN

... And the third one

HYBRID
(example)

Funder policies



- ✓ From 2013
- ✓ 6-12 months embargo for Green
- ✓ It is mandatory



- ✓ From 2012
- ✓ 6 months embargo for Green

- ✓ Ley de la Ciencia, 14/2011, art. 37
- ✓ From 2011
- ✓ For theses and dissertations
- ✓ For public research
- ✓ 12 months embargo for Green

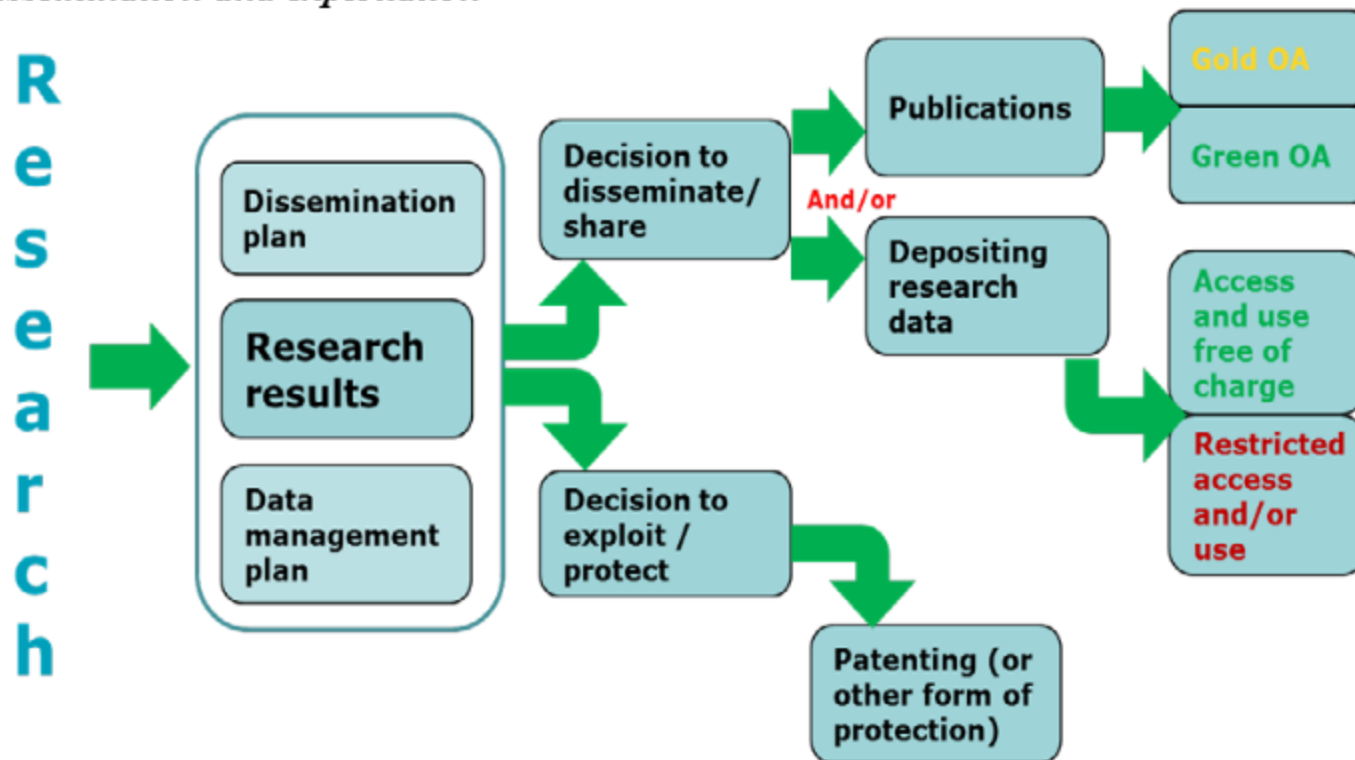


Plan Estatal de Investigación Científica y Técnica y de Innovación 2013-2016

- ✓ **Retos** (art. 6, ap. 2 and art. 20, ap. 7g)
- ✓ **Excelencia** (art. 6, ap. 3)

What?: dissemination diagram

Graph: Open access to scientific publication and research data in the wider context of dissemination and exploitation

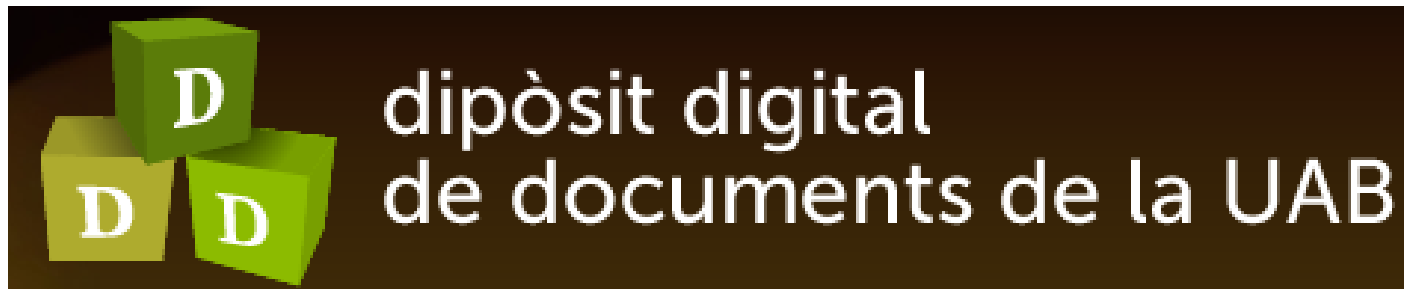


Where?

In a Digital Repository

“A trusted digital repository is one whose mission is to provide reliable, long-term access to managed digital resources to its designated community, now and in the future.”

Source: <http://www.oclc.org/content/dam/research/activities/trustedrep/repositories.pdf?urlm=161690>





Search 109,561 records for:

any field ▾

Search

Search Tips
Advanced Search



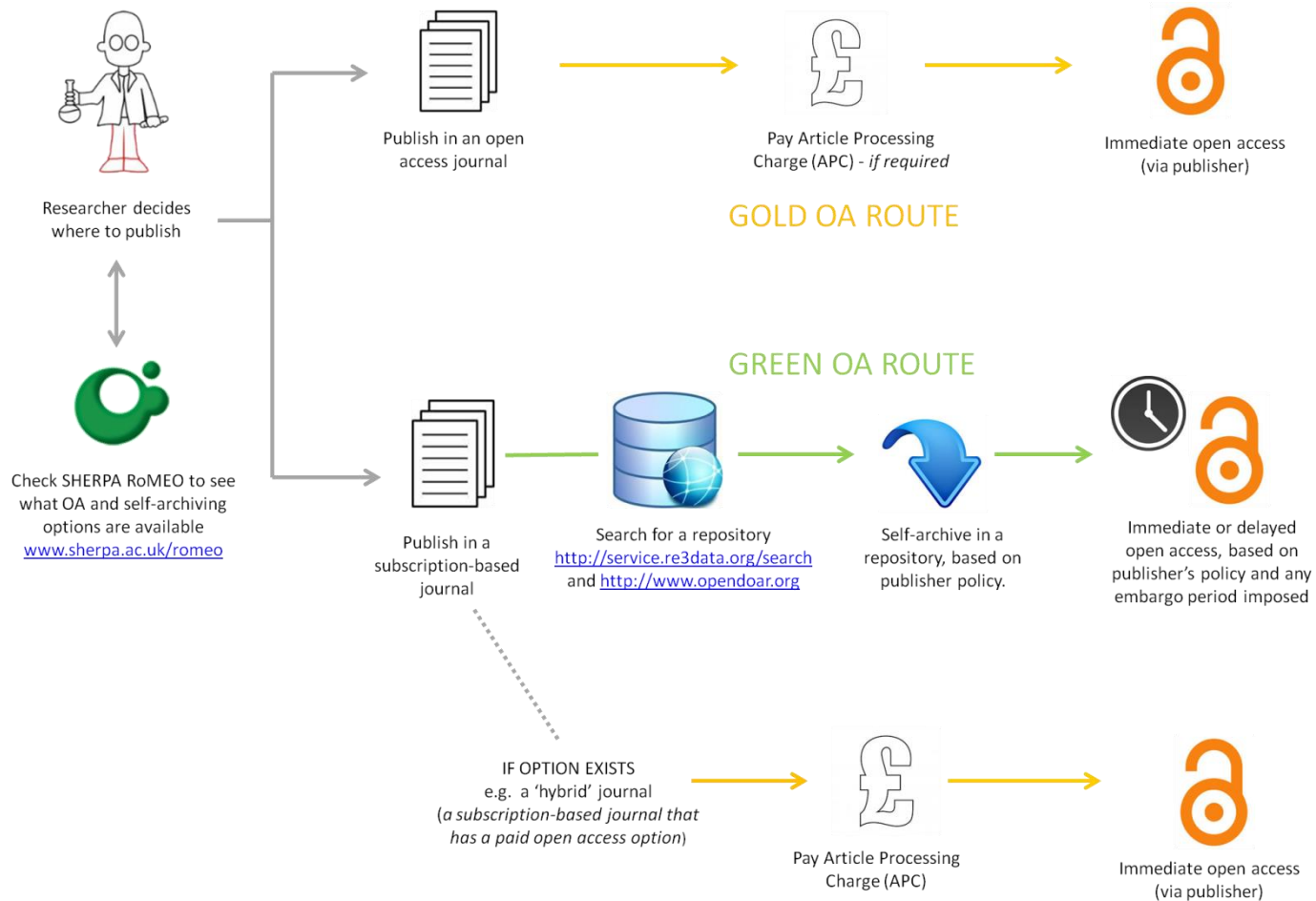
Research
Groups

Narrow by collection:

- Course materials** (42,845)
Student guides (18) Course programs (Study plans) (37,135) Exams (5,551) Teaching resources (141)
- Books and collections** (2,343)
Books (1) Book chapters (149) Institutional documents (74) UAB Libraries guides (113) Radio scripts (22)
- Research literature** (9,303)
Studies (1) Patents (82) Preprints (450) Doctoral theses (3,941) Bachelor's degree final project (424) Dissertations (2,668) Working papers (1)
- Periodicals and publications** (1,900)
Annual reports (635) Newsletters (1,042) Journals (223)
- Articles** (29,953)
Published articles (29,953)
- Contributions to meetings and congresses** (659)
Papers and communications (475) Posters (38) Presentations (146)
- Graphic documents** (6,829)
Posters (6,336) Pictures (155) Maps (83) Postcards (255)
- Multimedia** (674)
Audio (108) UAB Libraries Exhibitions (348) Videos (218)
- Personal and institutional archives** (15,167)
Bernard Lesfargues (336) David Rosenthal (6) Ferran Sunyer i Balaguer (1,159) Jaume Camps (488) Jaume Roca (319) Jordi Arbonès (948) José Agustín Goytisolo (7,781) Pedro Pascual (1,451) Pere Calders (2,131) Societat del Gran Teatre del Liceu (548)

<http://ddd.uab.cat>

How?: OA diagram



Search - Publisher copyright policies & self-archiving

One journal found when searched for: **water resources management**

Journal:	Water Resources Management (ISSN: 0920-4741, ESSN: 1573-1650)
RoMEO:	This is a <u>RoMEO green</u> journal
Paid OA:	A paid open access option is available for this journal.
Author's Pre-print:	✓ author can archive pre-print (ie pre-refereeing)
Author's Post-print:	✓ author can archive post-print (ie final draft post-refereeing)
Publisher's Version/PDF:	✗ author cannot archive publisher's version/PDF
General Conditions:	<ul style="list-style-type: none"> • Author's pre-print on pre-print servers such as arXiv.org • Author's post-print on author's personal website immediately • Author's post-print on any open access repository after 12 months after publication • Publisher's version/PDF cannot be used • Published source must be acknowledged • Must link to publisher version • Set phrase to accompany link to published version (see policy) • Articles in some journals can be made Open Access on payment of additional charge
Mandated OA:	(Awaiting information)

Pre and Post-print versions can be archived on an institutional repository without embargo (Springer [Green Open Access policy](#))

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Open Access

- » [SpringerOpen](#)
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Example: <http://ddd.uab.cat/record/132053> Self-archiving policy

Springer is a green publisher, as we allow self-archiving, but most importantly we are fully transparent about your rights.

Publishing in a subscription-based journal

By signing the Copyright Transfer Statement you still retain substantial rights, such as self-archiving:

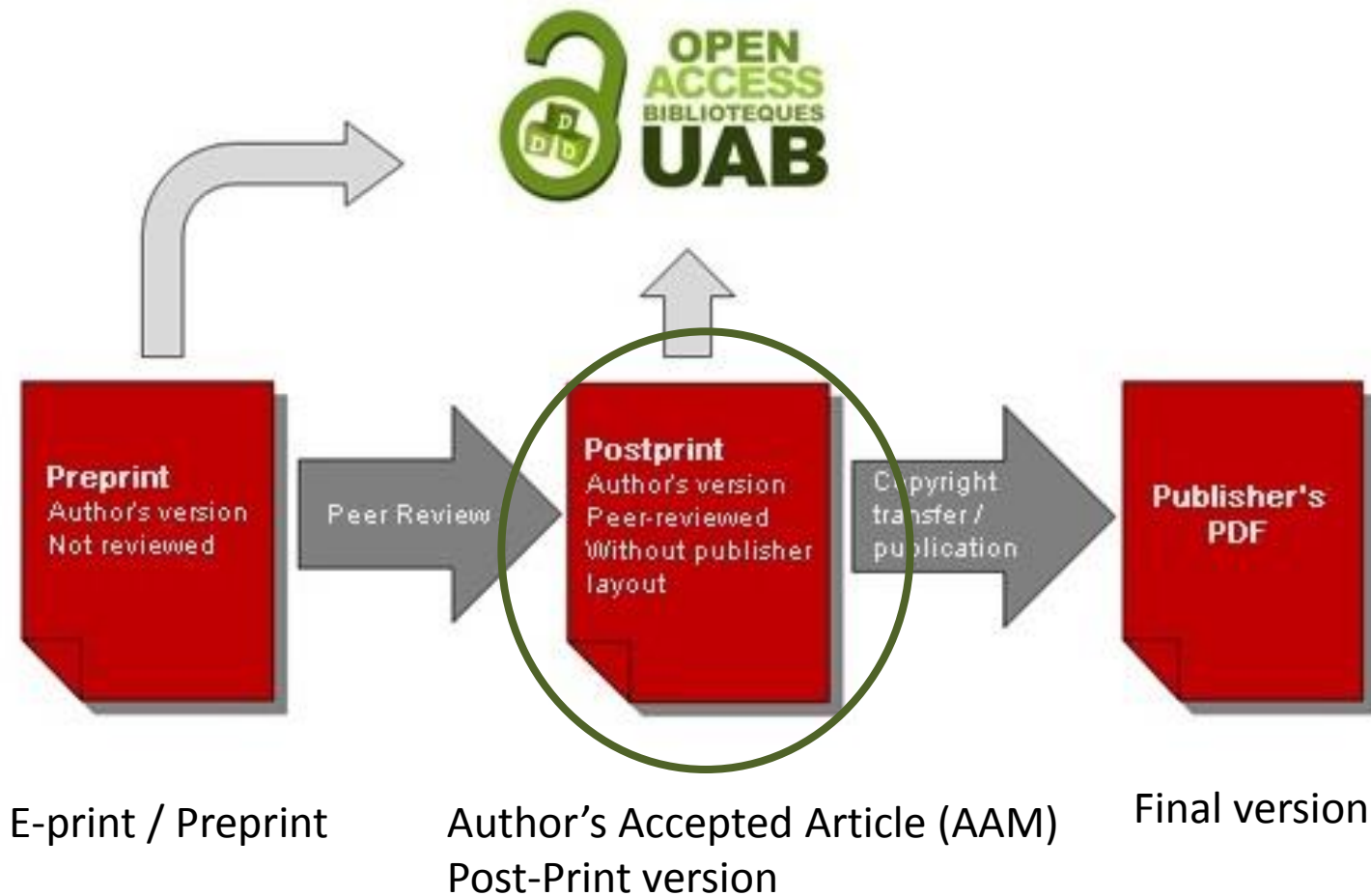
"Authors may self-archive the author's accepted manuscript of their articles on their own websites. Authors may also deposit this version of the article in any repository, provided it is only made publicly available 12 months after official publication or later. He/ she may not use the publisher's version (the final article), which is posted on SpringerLink and other Springer websites, for the purpose of self-archiving or deposit. Furthermore, the author may only post his/her version provided acknowledgement is given to the original source of publication and a link is inserted to the published article on Springer's website. The link must be provided by inserting the DOI number of the article in the following sentence: "The final publication is available at Springer via [http://dx.doi.org/\[insert DOI\]](http://dx.doi.org/[insert DOI])"."

Prior versions of the article published on non-commercial pre-print servers like arXiv.org can remain on these servers and/or can be updated with the author's accepted version. The final published version (in PDF or HTML/XML format) cannot be used for this purpose. Acknowledgement needs to be given to the final publication and a link should be inserted to the published article on Springer's website, by inserting the DOI number of the article in the following sentence: "The final publication is available at Springer via [http://dx.doi.org/\[insert DOI\]](http://dx.doi.org/[insert DOI])".



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The library role: To do before archiving your papers

- Bibliographic data revision (names, affiliations, DOI, etc.)
- Check the Publisher Copyright Policy & Open Access (*green* and *gold* policies): <http://www.sherpa.ac.uk/>
- When uploading a pre-print or a post-print version (paper, book or book chapter) the following header should be added

Post-print of : [Citation] submitted to [publisher]

- Protocol for Metadata Harvesting [OAI-PMH](#) (Agreement ID, licensing, etc)

How to get the versions?

Example: [Sostenipra](#)

- Contact
- Instructions
- Shared folder: [\\ictaservidor\SosteniPrA Articles](#)



ICTA - Institut de Ciència i Tecnologia Ambientals



La visió de l'ICTA és la d'esdevenir un dels centres de referència en estudis ambientals d'Europa, tenint com a factors diferenciadors la internacionalització, la pluridisciplinarietat i la interacció amb els diferents stakeholders, en el marc de la sostenibilitat basada en els valors de la responsabilitat social. Aquest portal inclou la producció científica dels grups d'investigació vinculats a l'ICTA, en els següents apartats:

- [Articles de recerca](#)
- [Articles de divulgació](#)
- [Publicacions periòdiques](#)

[Estadístiques d'ús](#)

Cercar en 258 registres per:

qualsevol camp



Cerca

[Consells de cerca](#)
[Cerca avançada](#)

Darreres entrades:

2015-05-12
15:17



Life cycle assessment of energy flow and packaging use in food purchasing / Sanyé Mengual, Esther (Institut de Ciència i Tecnologia Ambientals) ; Oliver i Solà, Jordi (Institut de Ciència i Tecnologia Ambientals) ; Martínez Gasol, Carles (Institut de Ciència i Tecnologia Ambientals) ; Farreny Gaya, Ramon (Institut de Ciència i Tecnologia Ambientals) ; *et al* **Mostra tots els 6 autors**

The aim of this project is to obtain quantitative data on the metabolic flows (energy consumption, not only by the establishment but also in the transportation of workers and customers, and packaging use) and their resulting environmental impacts of a standard shopping basket

Information

Discussion (0)

Usage statistics

To cite this record: <https://ddd.uab.cat/record/126744>

Scopus: 12 citations, Web of Science: 11 citations

Detrimental effects of ocean acidification on the economically important Mediterranean red coral (*Corallium rubrum*)

Bramanti, L. (California State University, Northridge)

Movilla, J. (Institut de Ciències del Mar)

Guron, M. (Institut de Ciència i Tecnologia Ambientals)

Calvo, E. (Institut de Ciències del Mar)

Gori, A. (Centre Scientifique de Monaco)

Dominguez-Carrió, C. (Institut de Ciències del Mar) [...] [Show all 12 authors](#)

Date: 2013

Abstract: The mean predicted decrease of 0.3–0.4 pH units in the global surface ocean by the end of the century has prompted urgent research to assess the potential effects of ocean acidification on the marine environment, with strong emphasis on calcifying organisms. Among them, the Mediterranean red coral (*Corallium rubrum*) is expected to be particularly susceptible to acidification effects, due to the elevated solubility of its Mg-calcite skeleton. This, together with the large overexploitation of this species, depicts a bleak future for this organism over the next decades. In this study, we evaluated the effects of low pH on the species from aquaria experiments. Several colonies of *C. rubrum* were long-term maintained for 314 days in aquaria at two different pH levels (8.10 and 7.81, pH). Calcification rate, spicule morphology, major biochemical constituents (protein, carbohydrates and lipids) and fatty acids composition were measured periodically. Exposure to lower pH conditions caused a significant decrease in the skeletal growth rate in comparison with the control treatment. Similarly, the spicule morphology clearly differed between both treatments at the end of the experiment, with aberrant shapes being observed only under the acidified conditions. On the other hand, while total organic matter was significantly higher under low pH conditions, no significant differences were detected between treatments regarding total carbohydrate, lipid, protein and fatty acid composition. However, the lower variability found among samples maintained in acidified conditions relative to controls, suggests a possible effect of pH decrease on the metabolism of the colonies. Our results show, for the first time, evidence of detrimental ocean acidification effects on this valuable and endangered coral species.

Rights: Tots els drets reservats © Rights Reserved

Language: Anglès

Document: article ; recerca ; acceptedVersion

Subject: Biochemical balance ; Calcification ; Climate change ; Mediterranean red coral ; Metabolic effects of ocean acidification ; Ocean acidification

Published in: *Global change biology*, Vol. 19 Núm. 6 (Juny 2013), p. 1897-1908, ISSN 1354-1013

DOI: [10.1111/gcb.12171](https://doi.org/10.1111/gcb.12171)



Institut de Ciència i Tecnologia Ambientals (ICTA)

- Consultes: 8.634
- Descàrregues: 6.148

Estadístiques globals del DDD: <http://serveis.uab.cat/ddd/content/estadistiques>

Accessos per anys i mesos			
Anys	Consultes	Descàrregues	
2015	2.652	1.459	
2014	5.982	4.689	

Accessos per països i dominis			
Països	Consultes	Descàrregues	
Estats Units	889	590	
Espanya	1.810	989	
Regne Unit	202	174	
Alemanya	195	160	
França	251	201	
Mèxic	492	332	
Rússia	295	295	
Canadà	124	113	
Xina	1.193	815	
Colòmbia	397	256	
Índia	201	193	
Altres	2.585	2.030	

RANKING WEB DE REPOSITARIOS

Universidades Hospitales Escuelas de Negocios Centros de Investigación

BUSCAR



INICIO AMÉRICA DEL NORTE LATINOAMÉRICA **EUROPA** ASIA ÁFRICA M. ÁRABE OCEANÍA POR ZONAS TOP INSTITUCIONALES TOP PORTALES

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Europa

ranking	World Rank ▲	Instituto	Country	Tamaño	Visibilidad	Files Rich	scholar
1	1	Europe PubMed Central		1	4	1	1
2	6	CERN Document Server		3	14	2	6
3	8	HAL Sciences de l'Homme et de la Société		65	8	58	21
4	10	HAL Institut National de Recherche en Informatique et en Automatique Archive Ouverte		69	10	4	18
5	12	Digital CSIC		77	12	32	27
6	16	Katholieke Universiteit Leuven Lirias Repository		29	15	88	41
7	19	(1) Universitat Autònoma de Barcelona Dipòsit Digital de Documents		128	33	15	13
8	20	Universidade do Minho Repositorium		13	26	75	38
9	21	Universitat Politècnica de Catalunya UPCommons		64	40	14	20
10	23	EconStor		124	50	10	14
11	24	University of Southampton Institutional Repository		18	28	116	80
12	25	Munich Personal Repec Archive		139	37	73	35
13	26	Université de Liège Open Repository and Bibliography ORBI		47	43	54	51
14	30	PhilPapers		72	44	364	19

DDD benefits for researchers

- ✓ Worldwide **dissemination**
- ✓ **Copyright** control
- ✓ According to **funder policies**
- ✓ Usage **Statistics**
- ✓ **Long-term** access
- ✓ **Times cited** (Scopus and WOK)
- ✓ Monitoring: **OpenAire protocol** compliant



Anys	Consultes	Descàrregues	
2012	624	432	





OpenAIRE provides a technical infrastructure to support the Open Access policy of the European Commission (FP7, H2020, ERC, etc).

Example: [UAB](#)

To sum up ...

- What is not Open Access
- Interoperability: metadata harvesting (OAI-PMH)
- Monitoring public funded research projects
- Discoverability and reusability of research publications and data
- Practical implications: local and international

Open Access success

At UAB, it depends on...

**DDD
Team**

**Research
Institutes**



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A close-up, low-angle photograph of a spiral-bound notebook. The notebook is open, showing the pages and the black metal spiral binding. A fountain pen with a dark grey body and gold accents is resting on the left page. The background is a plain, light-colored surface.

Thank you!