



# Open Access, dream or reality for scholars: The ULg experience

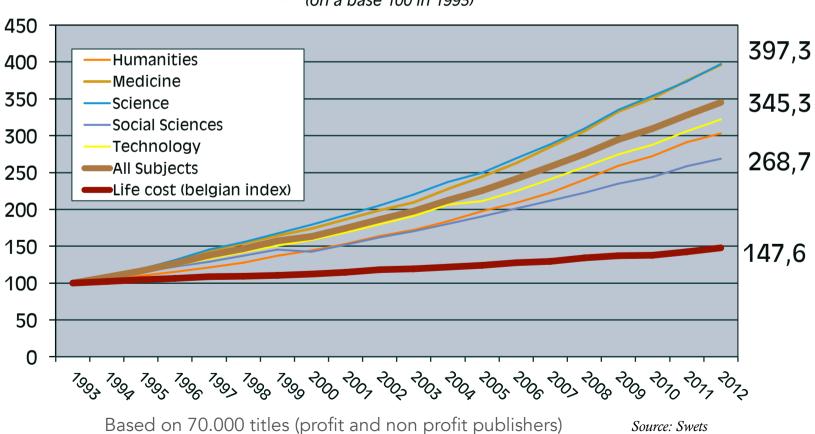
Paul Thirion
Head librarian ULg



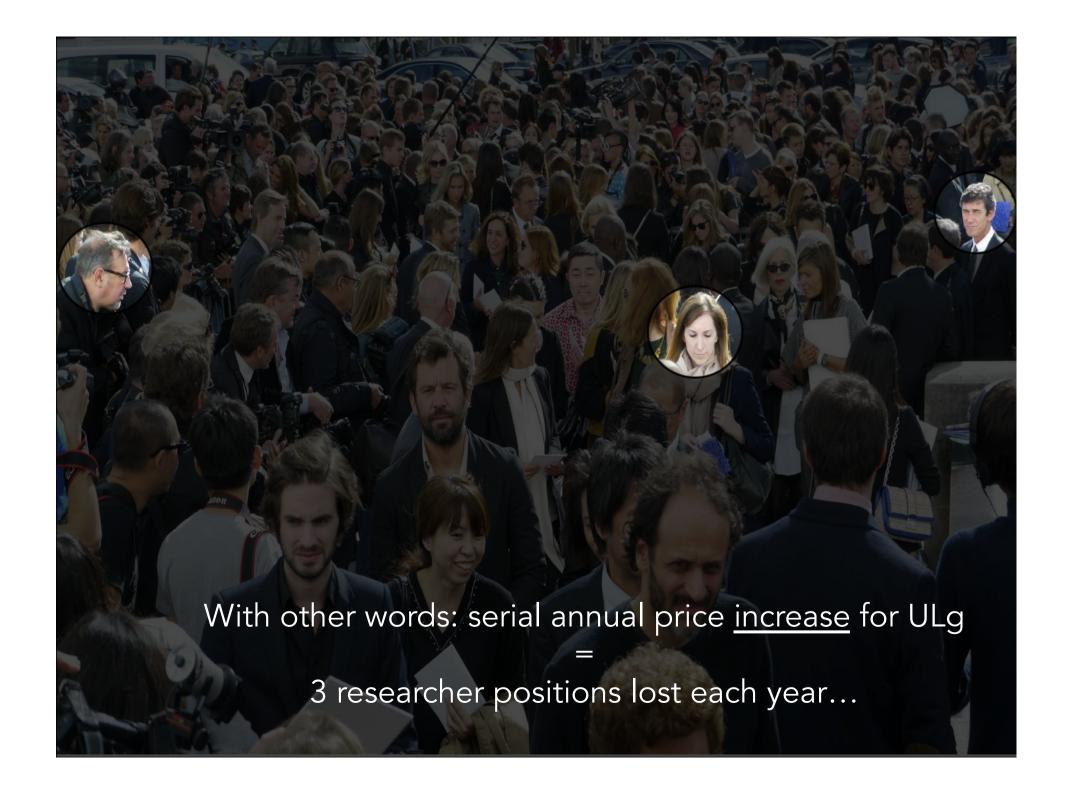
...I said something stupid??

## Serial price crisis...

#### Serial price increase compared to the evolution of life cost (on a base 100 in 1993)







## An almost perfect balance...

#### Scientific community

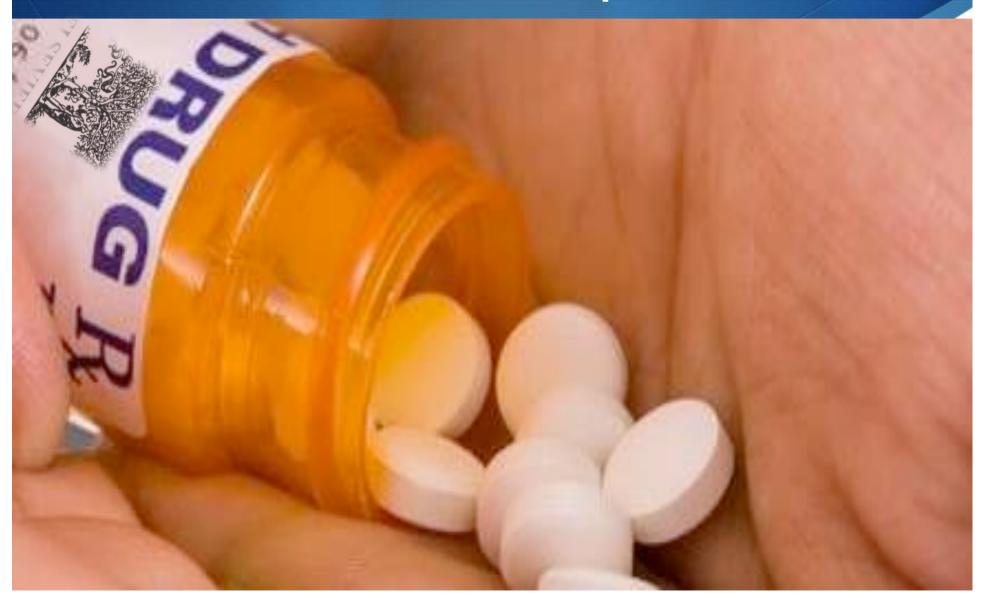
- Conceive
- Search
- Find results
- Write articles
- Correct them
- Pay to be published
- Play the role of editors
- Review and validate articles
- Buy serials
- Read articles
- .



#### **Publishers**

- Buy titles
- Print (e-print)
- Sale
- ... and make money!

## We are serials dependants...



## +99.5% of the World population have no access to our papers

- Developing & emerging countries!
- No university in the world can afford the litterature their researchers need!
- What about small and medium business?
- . . .

#### Why are we making science?

- To guarantee very large profits for a few?
- Or to enable the largest dissemination of knowledge for the well being of humanity?



Information already paid for by the public purse should not be paid for again each time it is accessed or used Photo credits: Annie Roi

## Equity, Justice, Progress, Science



## OA: Not an exception but a mainstream









National Institutes of Health

Turning Discovery Into Health







Scientific Electronic Library Online





#### Octobre 2012:

Brussels declaration on Open Access

wellcome trust



Ministry of Higher Education and Science





## Un reminder: the two complimentary ways to OA

### Gold way

= Publish directly in Open Access +10,000 OA peer reviewed journals according to www.doaj.org

9.8% with IF (10.2% for traditional journals) (UlrichsWeb, December 2014)



## Gold and fools gold...

Free for the reader, but who pays?



**Titles** sponsored by Institutions, funders, societies

66.5% of DOAJ « Diamond model »

#### Reader

Freemium for example OpenEdition...

#### **Author**

#### Membership

Cf PeerJ \$99 to \$299 for lifetime publishing!

- \$500 \$500

\$6000









## Predatory publishers...

A "paper" proposed to the International Journal of Advanced Computer technology

## Get me off Your Fucking Mailing List



David Mazières and Eddie Kohler New York University University of California, Los Angeles http://www.mailavenger.org/

#### Abstract

Get me off your fucking mailing list. Get me off your fucking mailing list. Get me off your fucking mailing list. Get me off your fucking mail-

your fucking mailing list. Get me off your fuck-

#### International Journal of Advanced Computer Technology (Online)



http://www.ijact.org

Email:editor@ijact.org,submit\_ijact@yahoo.in

#### REVIEW FORM

Paper ID	IJ0350030	
Paper Title	Get me off Your Fucking Mailing List	

NOTE: 1. Excellent 2. Very Good 3. Good 4. Fair 5. Very Poor

1. Appropriateness to publish in IJACT

Option: Excellent

2. Accuracy

Option: Excellent

3. Innovation

Option: Very Good

4. Relevance

Option: Very Good

5. Presentation

Option: Good

6. Quality of writing

Option: Very Good

7. Application of paper as introductory study material for revolutionary new concepts

Option: Very Good

8. Overall Recommendation (Mark the right option):

Strongly Accepted	
Accepted	*
W 3 97 359 36 34	

Have a look on Jeffrey Beall' list http://scholarlyoa.com/publishers/

669 predatory scholarly OA publishers (Dec 2014)

## Un reminder: the two complimentary ways to OA

### Green way

Feel free to publish in the journal you want! BUT deposit a copy of your full text in an Open Repository!

+2,700 in the world (thematics, institutionnal...)

http://www.sherpa.ac.uk/romeo/ 1,762 publishers policies: 75% allow some form of self archiving (green way)

Keep your copyright!

Negociate a licence instead a complete transfer of your rights!

## For example OA@ULG



A longstanding story ...

Initially a dream (in the early 2000s) shared by Rector Bernard Rentier and the libraries...

Turned into concrete reality for scholars

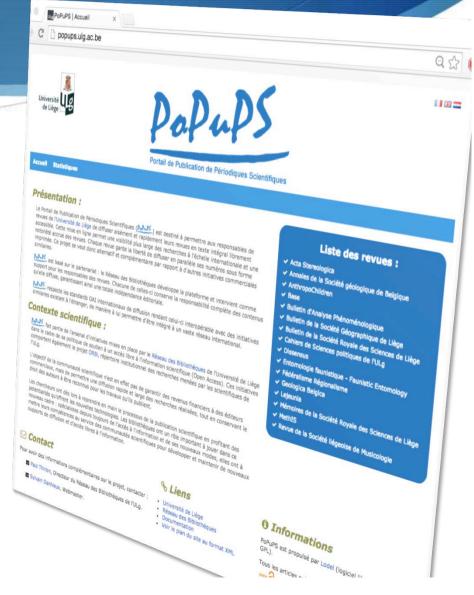
With concrete initiatives of the ULg Library network

### OA @ ULg

#### Gold way:

PoPuPS: a portal and toolbox for diffusion of open access journals published by ULg members

- ♦ Since 2005
- ♦ 16 serials (+3 in preparation)
- http://popups.ulg.ac.be
- +400 downloads/day
- 2 serials obtained an IF since they are hosted on ORBi!



### OA @ ULg

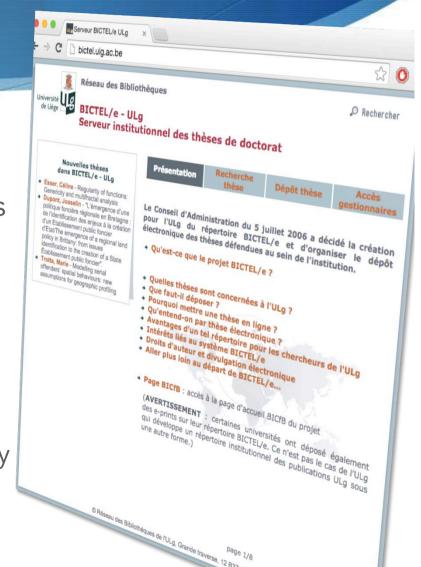
#### Green way:

BICTEL/e: a repository for PhD theses

- http://bictel.ulg.ac.be
- ▲ +1000 theses
- ♦ +63% with complete FT OA
- +200 downloads/day

ORBi: Open Repository and Bibliography

http://orbi.ulg.ac.be/



O All news N

Other OA projects at the ULg Home

Help?

You are here: → ORBi → Home

#### Search ORBi:

#### Advanced search

MyORBi

#### Browse ORBi by

- Author
- Title
- Issue year
- Journal title
- · Document type
- Discipline

#### **ORBi** project

- Background
- Content
- Benefits and challenges
- · Legal aspects
- · Functions and services
- Team

#### The Open Access movement

- Overview
- · Open Access at the ULg
- Webbibliography

ORBi is a project of



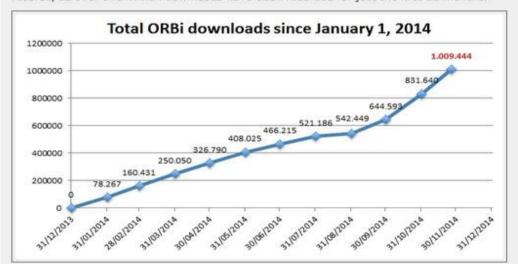
#### ORBi and Open Access News

#### Who wants to gain downloads? 間 28/11/2014



Since its launch in 2008 ORBi has enjoyed exponential growth. Whether it be in the number of deposits (115,500), or in the percentage of integral texts consulted (61.6%), but above all in terms of visibility.

If ORBi has already logged over 3 million downloads since its launch, 2014 is beating all the records, as over one million downloads have been recorded for just the first 11 months.



#### The ABC of OA ~ information

団 05/11/2014

"Où se situe l'Open Access par rapport au mode d'édition et de diffusion classique?", "Quels sont ses avantages et inconvénients ?", "Vais-je perdre tous mes droits d'auteur si in dépare un article our ODBIO" "Dourquei et comment les

#### Recently added

- → Morsa Denis, Hanozin Emeline. De Pauw Edwin -Combined study of structures of lasso peptides upon heating
- → Hanozin Emeline, Morsa Denis, De Pauw Edwin -Combined structural study of lasso peptides: Hydrogen/Deuterlum exchange coupled with ion mobility spectrometry
- → Olive Sébastien, Goujet Daniel, Lelièvre Hervé,... -The Growth of the Skull Roof Plates in Arabosteus variabilis (Acanthothoraci, Placodermi) from the Early Devonian Jauf Formation (Saudi Arabia): Preliminary Results
- ◆ Today
- Last 7 days

#### In practice

115630 references in ORBi (71257 with full text)



More ... 0

More statistics

First steps with ORBi : Practical information for the submitters

Training sessions ORBi





### Open Repository and Bibliography

#### One system, two purposes:

- Complete institutional bibliography
- Open access repository

#### Deposit completely made by ULg authors themselves (\*)

- ORBi staff develops, improves the system, adds functionalities, informs, instructs, promotes...
- BUT doesn't archive ANY reference

(\*) maybe helped by representatives

#### Main specificities

#### Respect of each player (author, publisher, institution)

- Open Access
- Restricted Access



request a print

"ULg Mandate"

...or how to go beyond the anecdotal...

## The "ULg Mandate": May 2007



Bernard Rentier, Rector ULg 2005-2014

## The "ULg Mandate": May 2007

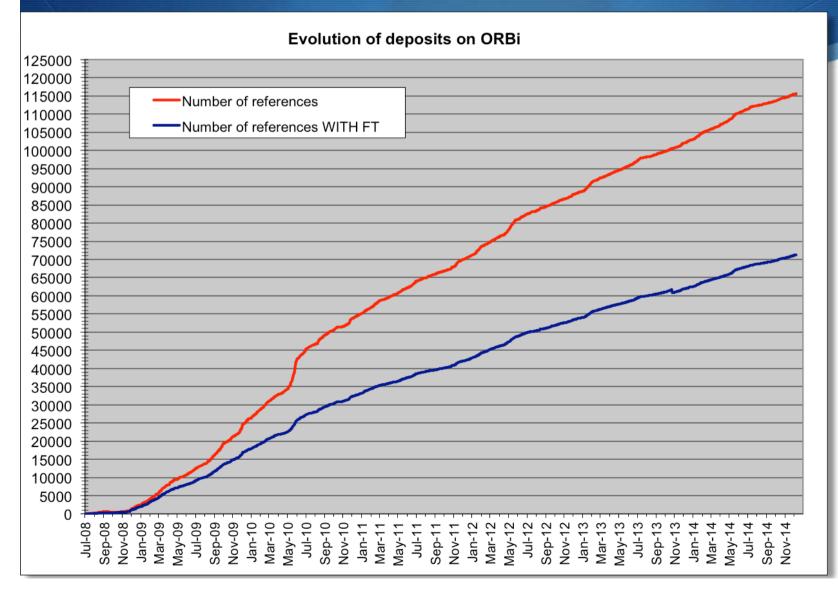
- ALL scholarly publications since 2002 of ALL ULg members have to be deposited into ORBi
- All scholarly articles of all ULg members since 2002 have to be deposited WITH FULL TEXT

open or restricted access, according to the publisher's policy: ID/OA immediate deposit – optional access

♦ And a strong incentive for the scholars...

Only references archived in ORBi were to be taken into account for evaluations, appointments, promotions, budget allocations, grant applications etc.!

## Results after 6 years



+115,700 references

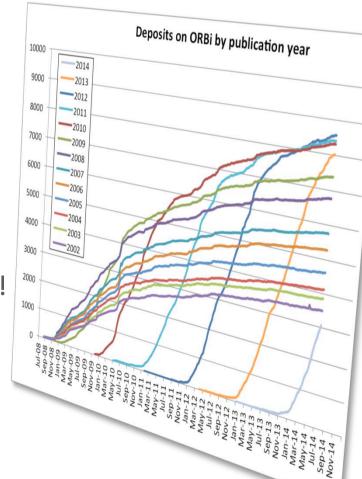
+61% with FT (+71,300)

## Results How many publications/communications for ULg?

- Estimation before ORBi: 3000-3500/year (Scopus, WoS, Medline...)
- ♦ Observed in ORBi: +8500/year!!

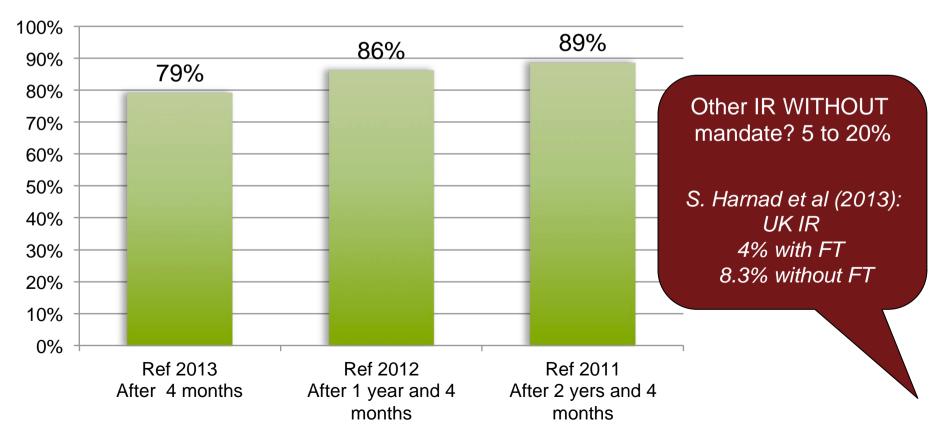
We publish much more than what we thought!

2.5 times more!

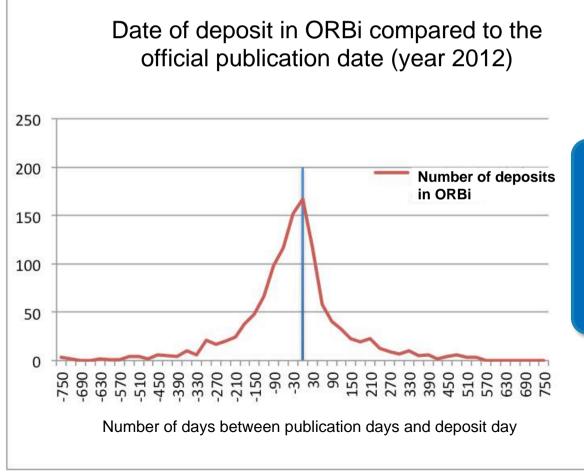


## Compliance rate

April 2014: Comparison WoS - ORBi for ULg publications 2011, 2012, 2013



## When do authors deposit?



54.3 % BEFORE 13.9 % publication date 31.8 % AFTER

In average: 44.7 days BEFORE

### Only what is mandated?

	Scholarly articles	Other document types
Since 2002	100% with FT of wich 43% OA	49% with FT of wich 63% OA
Before 2002	51% with FT of wich 49% OA	25% with FT of wich 71% OA

#### FT not mandated:

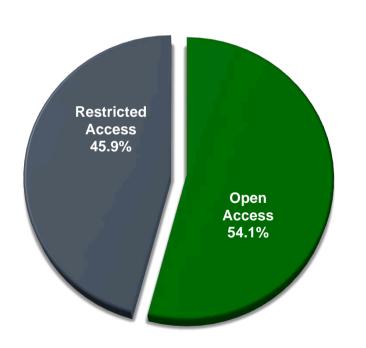
• For 54.2% of references

#### OA not mandated:

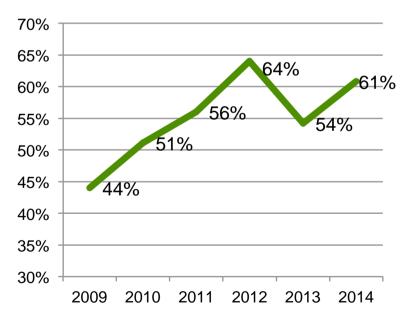
► For 33.2% of references

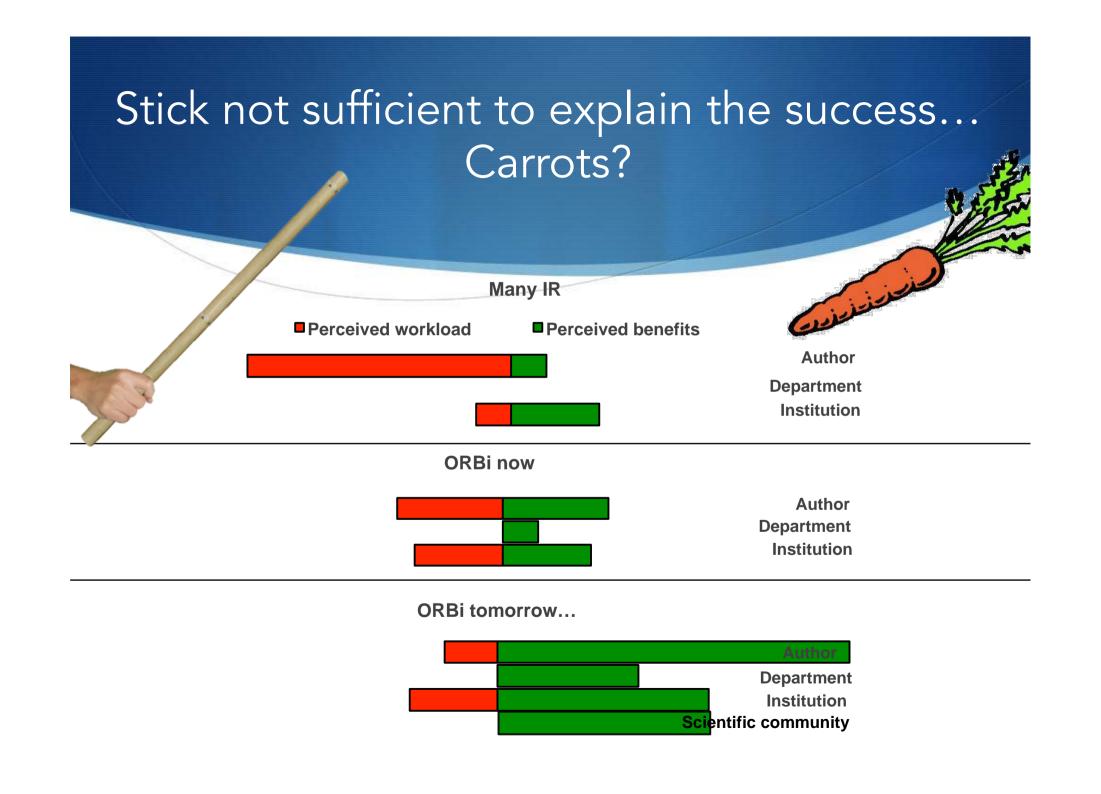


## Open Access?



#### Open Access vs Restricted Access





## Many benefits & added values

- Longtime archiving
- New scientific contacts through requests a print system
- ♦ Easy widgets (inclusion of publication list in a WWW page...)
- ◆ Easy reports (CV, budget requests, FNRS...)
- Visibility

**...** 

Institution

Teaching & Programmes

Faculties & Schools

Research International **Publications** 

Campus & student life IT & Multimedia



Staff directory

Student directory

Intranet directory

Nouvelle recherche

JÉRÔME Christine (Epse Alexandre)

[ Publications scientifiques (578) ] [ Fiche détaillée ]

Dépt / Unité : Département de chimie (sciences) / Chimie des macromolécules et des matériaux organiques

Faculté des Sciences / Centre d'études et de rech. sur les macromolécules (CERM)

Bât. B6 Chimie macromoléculaire et matériaux organiques Adresse ULg:

> allée de la Chimie 3 4000 Liège 1

Belgique

Local: 3/10

Tél. ULg : +32 4 3663491

Fax ULg: +32 4 3663497

Courriel: Cliquez sur la [fiche détaillée] pour voir l'adresse courriel

JEROME Elisabeth

[ Publications scientifiques (7) ] [ Fiche détaillée ]

Dépt / Unité : Sciences et technologie de l'environnement / Physique des bio-systèmes

Adresse ULg: Bât, G1 Physique des bio-systèmes

Avenue de la Faculté 8

5030 Gembloux

Belgique

Courriel: Cliquez sur la [fiche détaillée] pour voir l'adresse courriel Widget ORBi

Team member

Observing the Sun with



#### Gravitational Lenses

EASO

In 1979, three British-American astronomers, Walsh, Carswell and Weymann discovered by chance in the sky is example of a gravitational lens mirage, an illusion at the cosmic scale, which consists of two images of a background quasar (an active galactic nucleus), formed by a gravitational lens in the foreground. The formation of cosmic mirages had been predicted within the general relativity developed in 1917. According to this theory, E massive object (the lens) located along the line of sight, like a star, a galaxy or even a cluster of galaxies. Therefore, A simple educational control of the start of the significant control of the si

A simple educational experience makes it possible to simulate such effects (see below). Gravitational lens simulate didactical experiment designed by 1. Surdej (Department of Astrophysics, Geophysics and Oceanography) of RéjoulSciences (Faculty of Sciences, ULg) To buy a lens - click here!

You can find more informations on the DIDACTICAL EXPERIMENT ON GRAVITATIONAL LENSING page You can find more informations on the DIDACTICAL EXPERIMENT ON GRAVITATIC informations to the theory of gravitational lensing lectures No 1 - 3 (pdf files + videos:mov, avi) given by Jean Surdej (in french):

## Number of papers related to gravitational lensing published per year, during the past



The most recent papers by the Liège AEOS group dedicated to gravitational

D. Defree, O. Abal, C. Harot, P. Riand, A. Magette, L. Marion, O. Wentz et al. "Observing the Sun with micro-interferometric devices: acl L. Amold. 2014, 87-92.

Content of Current Optical Interferometers. A. Future Designa. Edited by J. Surdej, H. Le Y. Tsipras, J. Y. Choi, R. A. Street, C. Han, V. Bozza, A. Gould, M. Dominik et al. \*A Super-Jupiter orbol (reinfe per ORB)

A Super-Jupiter orbol (reinfe per ORB)



#### Publications and communications of Gilles Lepoint

#### Legend

Bibliometric indicators linked to the journal (for those whose ISSN has been indicated by the author)

- IF = Impact factor Thomson ISI. Are indicated: IF of the year of publication and IF of the last edition of JCR (last); «? » if not known by ORBi yet; « » if non-existent.
- IF5: idem as IF but for a 5 year period (new indicator since 2009).
- EigenF = EigenFactor (see : http://www.eigenfactor.org/).
- Article Infl. = Article Influence: EigenFactor divided by the number of articles published in the journal.
  - \* More information 7 http://orbi.ulg.ac.be/rpt#rev

#### Bibliometric indicators linked to the article

- ORBi viewed = total number of visualizations of a reference on ORBi (of which X internally within the ULg).
- ORBI downloaded = total number of downloads of the full text via ORBI, including requests copy.
- SCOPUS ® = number of citations picked up by SCOPUS®.

More information ? <a href="http://orbi.ulg.ac.be/rpt#art">http://orbi.ulg.ac.be/rpt#art</a>

(Warning: According to disciplines, some bibliometric indicators may not be relevant)

8, 8, etc: full text of the document available in Open Access

etc: full text of the document available in restricted access

Peer reviewed (verified by ORBI): the information is available in the ORBI journals database

#### 1. Dissertations and Theses

#### 1.b. Doctoral thesis



Lepoint, G. (2001). Compétition pour l'azote inorganique entre le pelagos et le benthos dans un écosystème côtier oligotrophe. Effets sur la dynamique de l'écosystème. Unpublished doctoral thesis, ULg, Liège, Belgique.

http://hdl.handle.net/2268/27264

Jury: Bouquegneau, J.-M. (Promotor), Dauby, P. (Promotor), Ronday, F., Bussers, J.-C., Demoulin, V., Eyskens, M., & Mateo, M.-A.

ORBi viewed: 92 (13 ULg); downloaded: 252 (18 ULg) - SCOPUS®: -

#### 1.c. Second cycle dissertations (licence, master, DES, DEA)

Lepoint, G. (1994). Distribution spatio-temporelle des épiphytes des feuilles de Posidonia oceanica dans la baie de la Revellata (Corsica). Liens trophiques avec le poisson sparidé Sarpa salpa.". Unpublished master thesis, ULg, Liège, Belgique.

http://hdl.handle.net/2268/27447

Jury: Bouquegneau, J.-M. (Promotor), Havelange, S. (Promotor), & Dauby, P. (Promotor). ORBi viewed: 26 (6 ULg)

#### 3. Articles in peer reviewed academic journals

2 - With -- introductional towart codiance

## Benefits for the author: Visibility

#### **Evolution of downloads/month from ORBi**



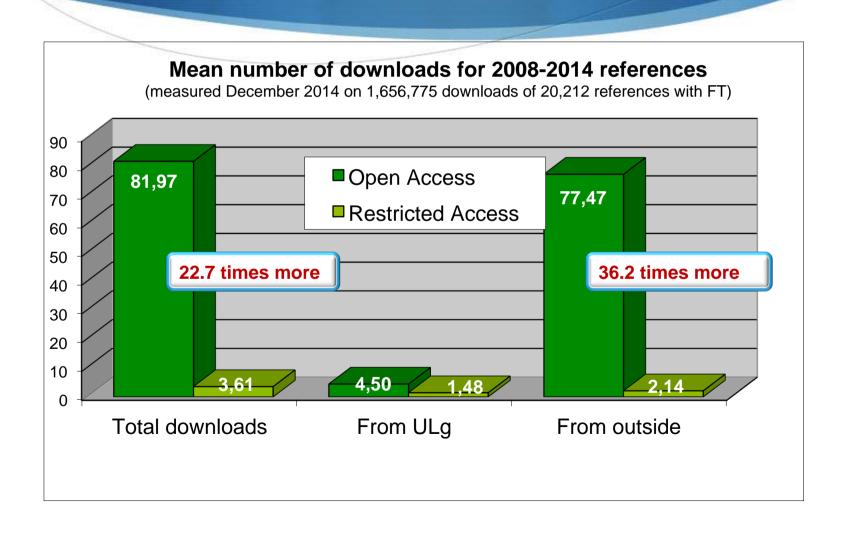
Now: +7000 downloads/day

+1 million since 1/1/2014

Excluding spiders et bots!

Google effect!

## Benefits for the author: Visibility



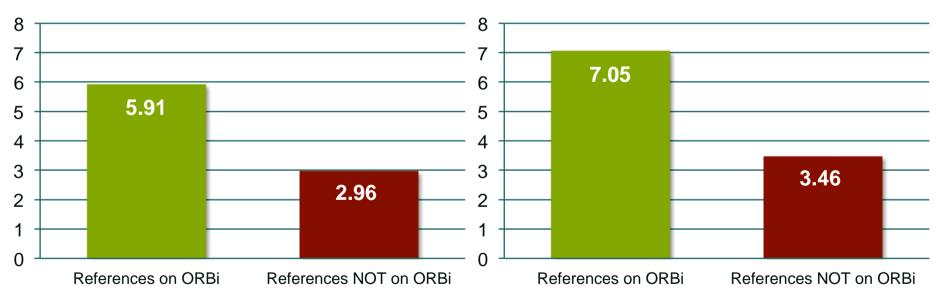
### Benefits for the author: Citations

#### Mean number of citations for a randomized sample of 2009 ULg references on Scopus

(n=351; data 2011)

#### Mean number of citations for ALL 2007-2011 ULg references on WoS

(n=7673; data January 2012)



According to WoS: 2007-2011 references never cited

- Available on ORBi: 28.9 %
- NOT available on ORBi: 55.8 %

## The schizophrenia of the researcher...

I do not have access for free to all of the papers I need!!?

But where are the police?

To give free access to my papers?

It's a joke I presume??

