

**Open Access: New Trends in Scholarly Communication**



**Ανοιχτή Πρόσβαση: Νέοι Τρόποι Διάδοσης της Ακαδημαϊκής Γνώσης**

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**Scientific Journals and Electronic publishing**

**Revistas-CSIC, a case study**

University of Macedonia

Thessaloniki April 14<sup>th</sup>



2008

Πανεπιστήμιο Μακεδονίας

Θεσσαλονίκη 14 Απριλίου



# CSIC

## The Institution

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- Founded in 1907 as Junta de Ampliación de Estudios
- Activities interrupted between May 1938 – November 1939
- Re-established as Consejo Superior de Investigaciones Científicas
- Largest publicly-funded research Institution: 675.8M€ external, competitive funding (2006)
- Generates about 20% of the scientific production in Spain
- 1<sup>st</sup> Spanish, 4<sup>th</sup> European Institution in funds from the 6<sup>th</sup> Framework Programme



# CSIC

## The Institution: areas of research

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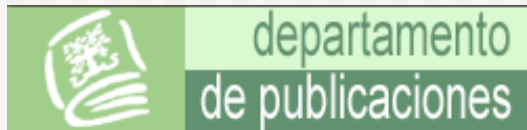
- Humanities and Social Sciences
- Biology and Biomedicine
- Natural Resources
- Agricultural Sciences
- Physical Sciences and Technology
- Materials Sciences and Technology
- Food Sciences and Technology
- Chemical Sciences and Technology



# CSIC

## The Institution as a Publisher

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- Book Titles in the Catalog: 1.998 (2007)  
2.085 (2008)
- Collections: 122
- Journals: **32** (live)  
several others in collaboration  
or patronizing



# Revistas-CSIC

## Journals: Arts&Humanities and Social Sciences

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1914	Revista Española de Filología	1944	Cuadernos de Estudios Gallegos
1925	Archivo Español de Arqueología	1945	Revista de Dialectología y Tradiciones
1925	Archivo Español de Arte	1946	Anuario Musical
1933	Emerita	1948	Hispania Sacra
1933	Al-Qantara	1949	Asclepio
1940	Estudios Geográficos	1951	Anales Cervantinos
1940	Hispania	1952	Revista de Literatura
1940	Revista de Indias	1960	Trabajos de Prehistoria
1941	Sefarad	1961	Gladius
1943	Revista Internacional de Sociología	1964	Anuario de Estudios Medievales
1944	Anuario de Estudios Americanos	1977	Rev. Esp. de Documentación Científica
1944	Arbor	1990	Isegoría



# Revistas-CSIC

## Journals: Sciences

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- 1945 Estudios Geológicos
- 1945 Pirineos
- 1947 Materiales de la Construcción
- 1948 Informes de la Construcción
- 1950 Grasas y Aceites
- 1955 Scientia Marina
- 1965 Revista de Metalurgia
- 1979 Anales del Real Jardín Botánico de Madrid

# Revistas-CSIC

## Positioning: ISI

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### ■ A&HCI, SSCI: 9 Journals

**Al-Qantara**

**Arbor**

**Archivo Español de Arte**

**Hispania**

**Revista de Dialectología y Tradiciones**

**Revista de Filología Española**

**Revista de Indias**

**Revista de Literatura**

**Sefarad**

### ■ SCI: 4 Journals

**Grasas y Aceites**

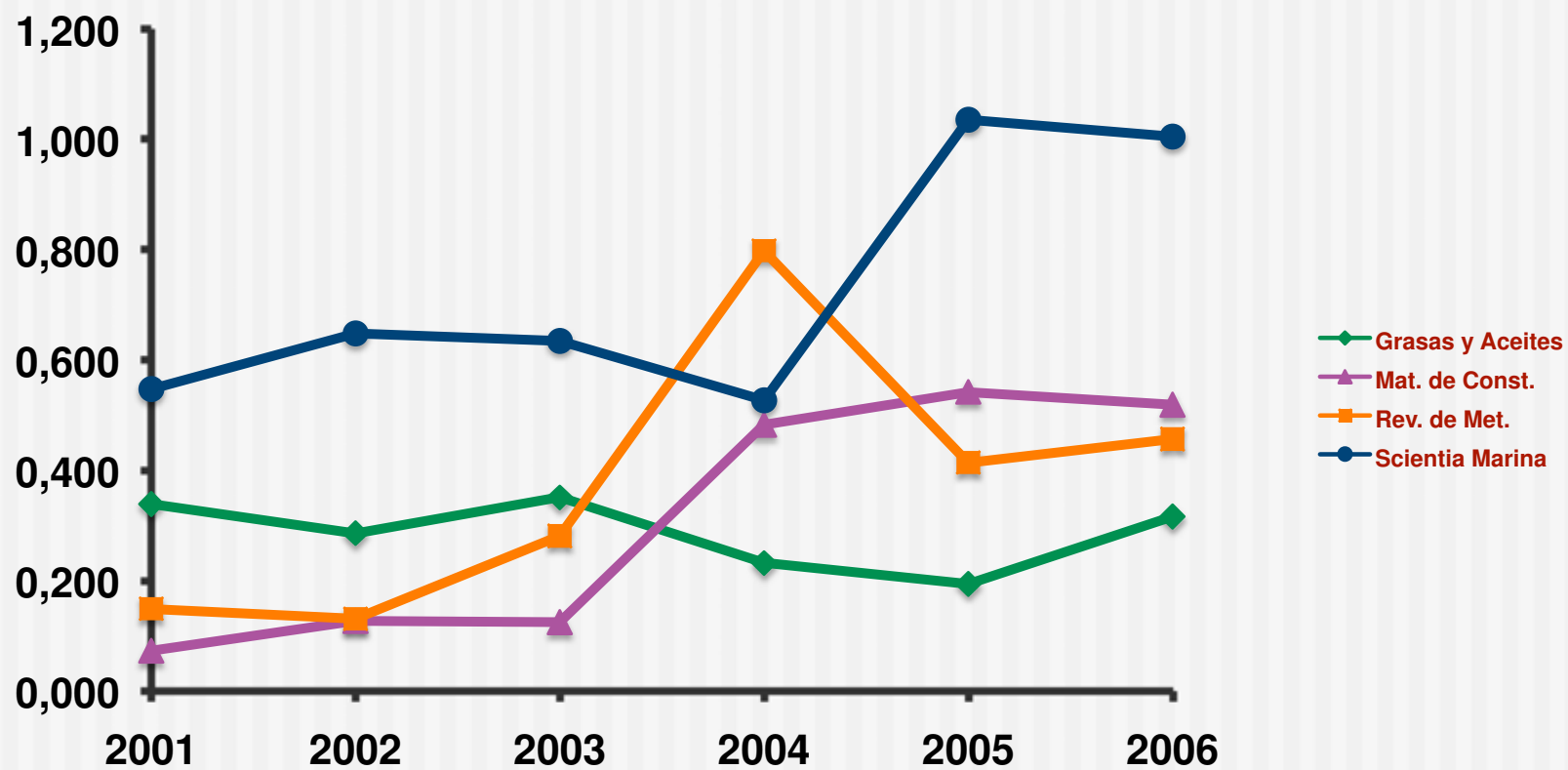
**Materiales de la Construcción**

**Revista de Metalurgia**

**Scientia Marina**

# Revistas-CSIC

## Positioning: ISI Impact Factor (JCR)







# Revistas-CSIC

## Positioning: SCOPUS

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### ■ 8 Journals

**Estudios Geográficos**

**Revista española de Documentación Científica**

**Estudios Geológicos**

**Grasas y Aceites\***

**Materiales de la Construcción\***

**Pirineos**

**Revista de Metalurgia\***

**Scientia Marina\***

Asclepio (discontinued)

Emerita (discontinued)

Revista Internacional de Sociología (discontinued)

Sefarad (discontinued)



# Revistas-CSIC

## Organization and management

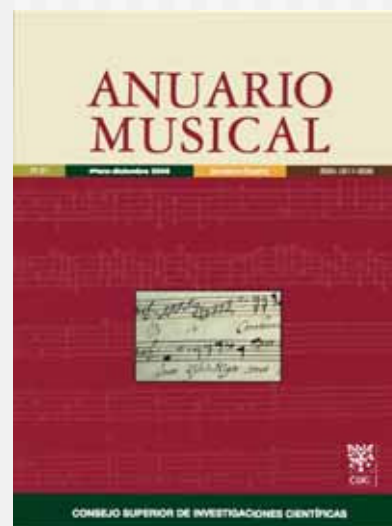
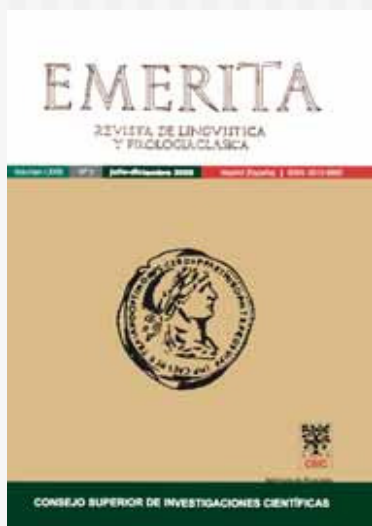
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- Since 2005 a general normative is applied to all CSIC Journals, relative to:
  - definition of scientific orientation and goals
  - composition and functioning of the Editorial Team: Editor-in-Chief, Assistant Editors, Editorial Board
  - peer-review process
  - others formal editorial matters
  
- A Board at higher level follows the compliance of this normative
  
- Journals are managed directly by scientific staff at the different Institutes

# Revistas-CSIC

## Organization and management

- Printed edition was also updated (standard editorial quality criteria) and homogenized according to a flexible but common design
- Technical aspects are mostly centralized at the Publication Department





# CSIC

## Open Access

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- In January 2006 CSIC adhered to the Berlin Declaration on Open Access to Knowledge in the Sciences and Humanities
- Goal: to provide access to scientific knowledge to all specialists, and also to the Spanish and global society at large, and to all those interested in Science and Culture



# CSIC

## Open Access

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### ■ Actions implemented...



### ■ Electronic publishing

- <http://revistas.csic.es>



### ■ Institutional repository

- <http://digital.csic.es>



# CSIC Open Access

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- The electronic edition of the Journals is a consequence of both modernization and Open Access commitment
- Both printed and online editions are identical in content and will be maintained simultaneously in the future



# Revistas-CSIC

## The tool: Open Journals System OJS

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- Open Journal Systems (OJS) is a journal management and publishing system that has been developed by the Public Knowledge Project (<http://pkp.sfu.ca/ojs>)
- OJS is open source software made freely available
- An open forum offers support for development and debugging



# Revistas-CSIC

## OJS: technologies

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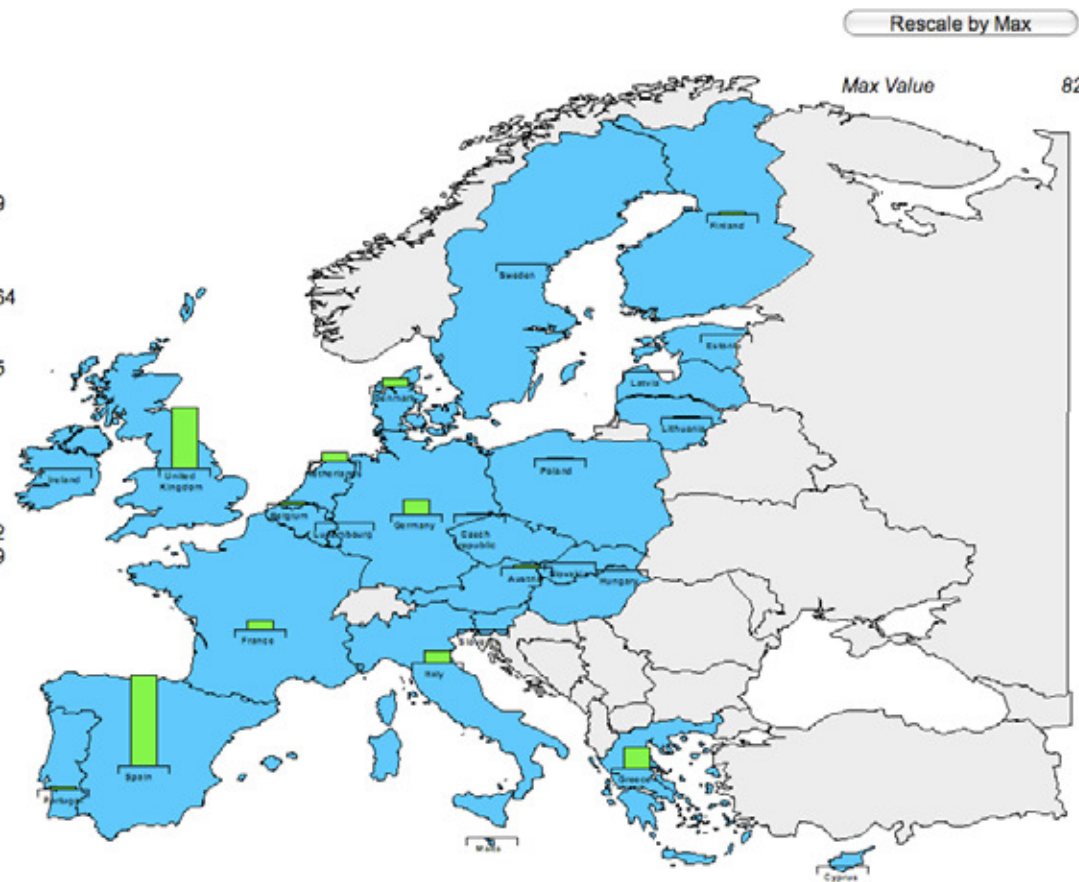
- PHP support (4.2.x or later)
- MySQL (3.23.23 or later) or PostgreSQL (7.1 or later)
- Apache (1.3.2x or later) or Apache 2 (2.0.4x or later) or Microsoft IIS 6 (PHP 5.x required)
- Linux, BSD, Solaris, Mac OS X, Windows operating systems



# Revistas-CSIC OJS in the EU

OJS Journals by EU Country

Denmark	9
Sweden	0
Finland	2
Estonia	0
Latvia	0
Lithuania	1
Ireland	1
United Kingdom	69
Netherlands	9
Belgium	2
Portugal	2
Spain	164
France	8
Luxembourg	0
Germany	15
Czech republic	2
Poland	2
Slovakia	0
Hungary	0
Austria	2
Italy	12
Greece	19
Cyprus	0
Malta	0
Slovenia	1





# Revistas-CSIC Implementation

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- All 32 Journals are managed and published independently
- Layout, databases, etc. are also managed independently
- Entry page to the platform is independent and with an *ad hoc* design



# Revistas-CSIC Implementation

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- Journals were made available in 3 phases:
  - Phase 1: 12 Journals, June 2007
  - Phase 2: 11 Journals, September 2007
  - Phase 3: 9 Journals, October 2007

# Revistas-CSIC

## Implementation: Phase 1



**Revistas Científicas del CSIC**

 Al-Qantara	 SEFARAD	 El CSIC inicia la edición electrónica en acceso abierto de 12 de las 32 revistas científicas que actualmente edita en papel. El objetivo final es proporcionar acceso a todas ellas con la mayor brevedad posible. <a href="#">Ver más...</a>
 Arbor	 Trabajos de Prehistoria	
 Archivo Español de Arqueología	 Anales del Jardín Botánico de Madrid	
 Asclepio	 Estudios Geológicos	
 Revista de Indias	 Informes de la Construcción	
 Revista española de DOCUMENTACIÓN CIENTÍFICA	 Materiales de Construcción	

# Revistas-CSIC

## Implementation: Phases 2 & 3 to present





# Revistas-CSIC

## Layout: Home page

ISSN: 1885-3234  
ISSN: 0020-0883  
Instituto de Ciencias  
de la Construcción (CSIC)



### informes de la construcción

60 años  
informes  
de la construcción



CSIC

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[ANNOUNCEMENTS](#) [REGISTER](#) [REVISTAS-CSIC](#) [DIGITAL CSIC](#)

Home > [Informes de la Construcción](#)

## Informes de la Construcción

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Founded in 1948 by the Instituto Técnico de la Construcción y del Cemento, **Informes de la Construcción** is a scientific journal issued quarterly. Its articles cover fields such as architecture, engineering, public works, environment, building services, rehabilitation, construction systems, testing techniques, results of research on building components and systems and so forth.

Journal's readership includes architects, engineers and construction companies, as well as researchers and professionals engaging in building construction and public works.

**Informes de la Construcción** provides free access to full-text articles six months after publication. During this embargo period full-text is accessible only to the subscribers of the printed edition.



Current

### Announcements

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[Exposición conmemorativa](#)  
**60 años de Informes de la Construcción**  
21 de mayo a 5 de junio de 2008 [More...](#)

#### AUTHOR GUIDELINES

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[Journal Help](#)

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All



# Revistas-CSIC

## Layout: Current & Archives

4822 1988-2004  
ISSN 1623-4614  
Instituto de Ciencias  
de la Construcción (CSIC)



**informes** de la construcción **60 años**

HOME CURRENT ARCHIVES ADVANCED SEARCH ABOUT  
ANNOUNCEMENTS REGISTER REVISTAS-CSIC DIGITAL-CSIC

Home > Archives > Vol 59, No 507 (2007)

**Vol 59, No 507 (2007)**

**Table of Contents**

**Editorial**

Editorial 4  
Ignacio Oñiza PDF

**Research Articles**

The architectural research, the architectural design and the environmental conditioning of the project to adapt the main floor of the Charles V Palace in Granada 3-19  
A Jiménez Torrecillas, Juan J. Senz, R. Tanco, D. Muñoz, S. Domínguez, S. Muñoz ABSTRACT PDF

Structural membrane technology for footbridges 21-31  
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Roof timber of the Córdoba's Ferdinand church 33-41  
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Durability vs Vulnerability 43-58  
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Timber in domestic roof construction. Present situation in Spain 59-68  
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A historical study of the problem of straight prismatic elements subjected to compression. Part I 69-81  
Nicolás A. Ortega, José L. Romero, Emilio de la Rosa ABSTRACT PDF

**Torroja Seminars**

La M-30 y el Puente de Segovia 83-84  
Luis de los Angeles Domínguez Pacheco (1942-Mexico) PDF

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4822 1988-2004  
ISSN 1623-4614  
Instituto de Ciencias  
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**informes** de la construcción **60 años**

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Home > Archives

**Archives**

2008	Vol 60	509				
2007	Vol 59	505	506	507	508	
2006	Vol 58	501	502	503	504	
2005	Vol 57	495	496	497	498	499-500
2004	Vol 56	491	492	493	494	
	Vol 55	489	490			
2003	Vol 55	485	486	487	488	
	Vol 54	483	484			
2002	Vol 54	479	480	481-482		
	Vol 53	477	478			
2001	Vol 53	473	474	475	476	
	Vol 52	471	472			

1 - 37 of 37 items

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# Revistas-CSIC

## Contents

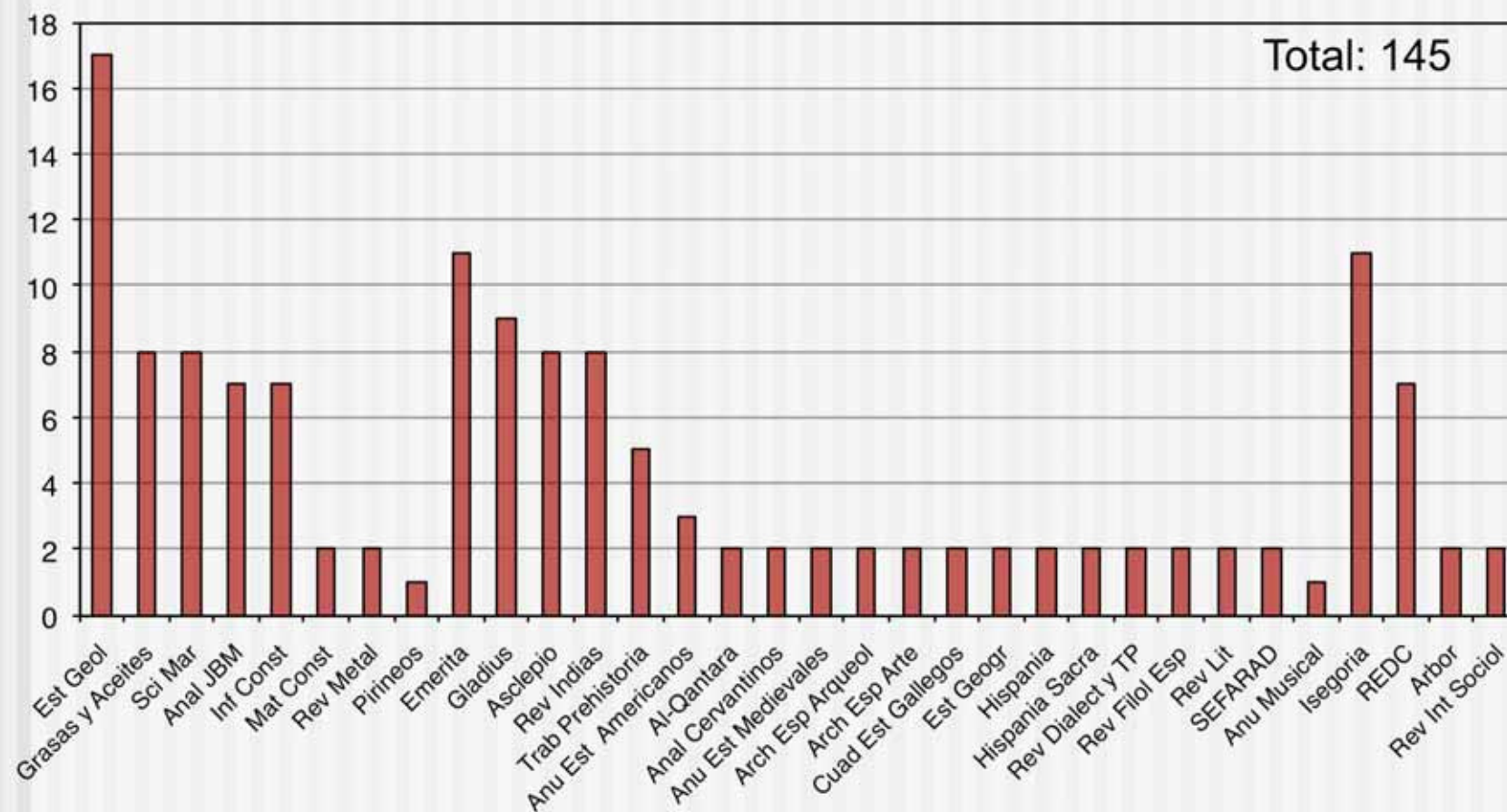
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- All Journals started the electronic edition in 2007 with contents since at least 2006 (full text PDF)
- Depending on the available material in PDF, some Journals extended their contents backwards
- The aim is to provide access to all historical production since the year of foundation of every Journal



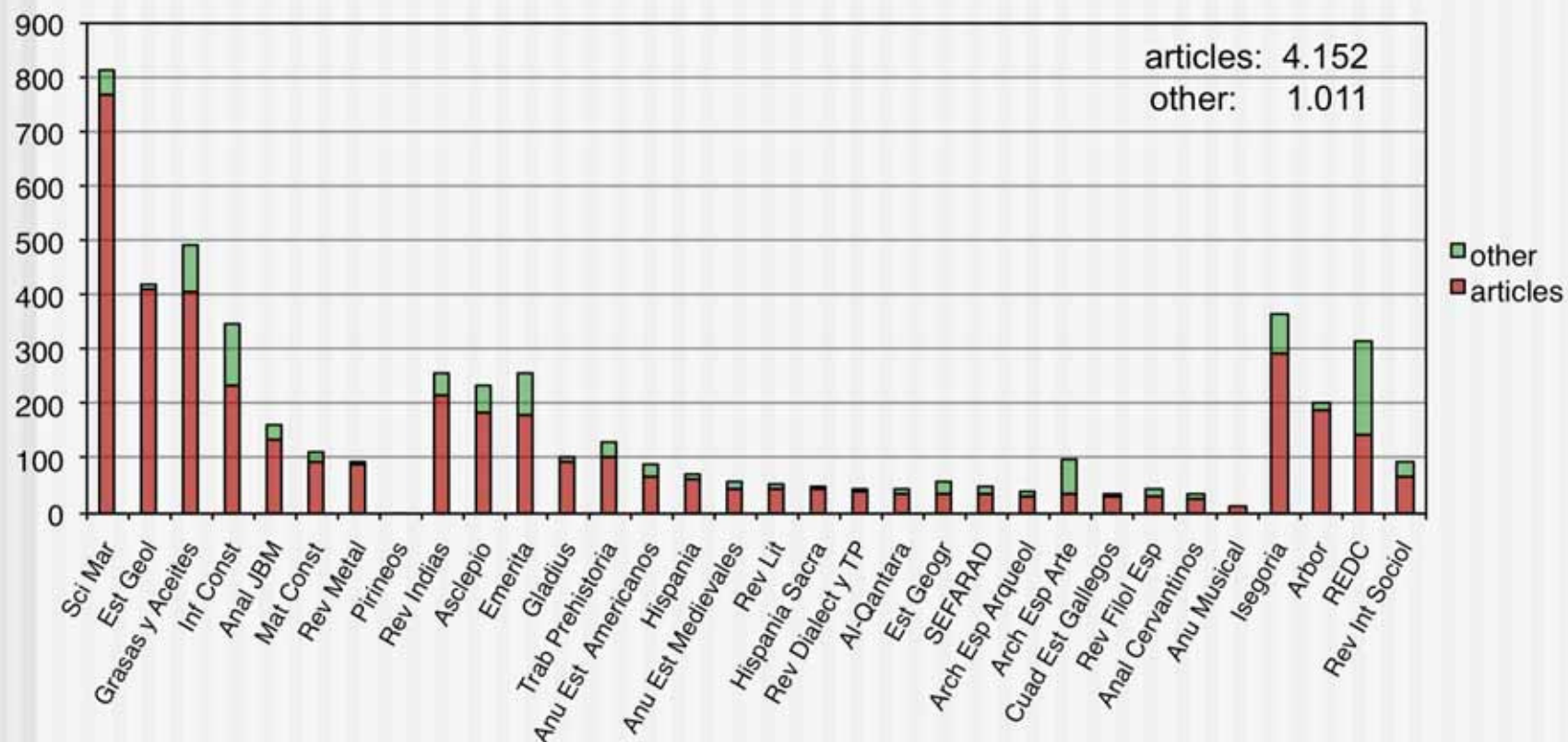
# Revistas-CSIC

## Years available online



# Revistas-CSIC

## Documents online





# Revistas-CSIC

## Access policy

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- 4 Journals provide unrestricted access to all full-text contents (Sciences)
- 2 Journals apply an embargo period of 1 year, and 1 Journal for 2 years (A&HC)
- All other 25 have an embargo of 6 months
- During the embargo, only subscribers to the printed edition have access to full-text contents on demand



# Revistas-CSIC

## Why do we apply embargo?

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- During at least a transition time, subscriber's rights must be preserved; also Editors must become familiar with this innovation
- Editors fear to lose subscriptions (€) which self-finance the Journal
- Editors also fear to stop receiving other Journals in exchange for their Libraries
- CSIC will impose shortly a maximum embargo of 6 months, in agreement with the EU recommendations
- CSIC will assume financing the printed edition and subscription to valuable Journals, if necessary

# Revistas-CSIC Traffic

- Domain 'revistas.csic.es' counts for 7% of 'csic.es' domain traffic

(www.alexa.com 04/10/08)

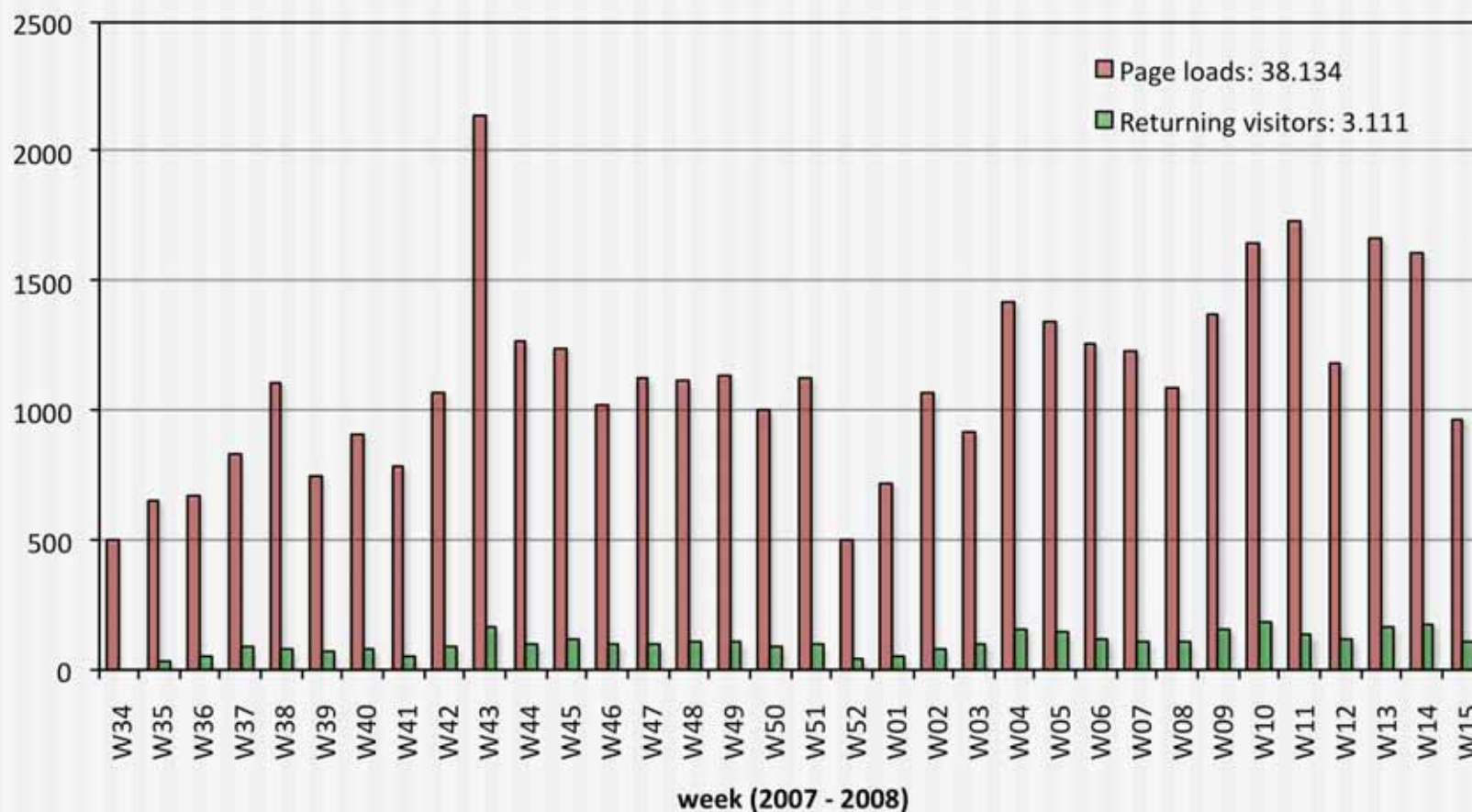
## Where people go on Csic.es:

- cindoc.csic.es - 9%
- iec.csic.es - 8%
- csic.es - 8%
- revistas.csic.es - 7%
- imsertomayores.csic.es - 7%
- facli.unibo.it - 5%
- museovirtual.csic.es - 4%
- rjb.csic.es - 3%
- mncn.csic.es - 3%
- ieg.csic.es - 2%

[More csic.es domains...](#)

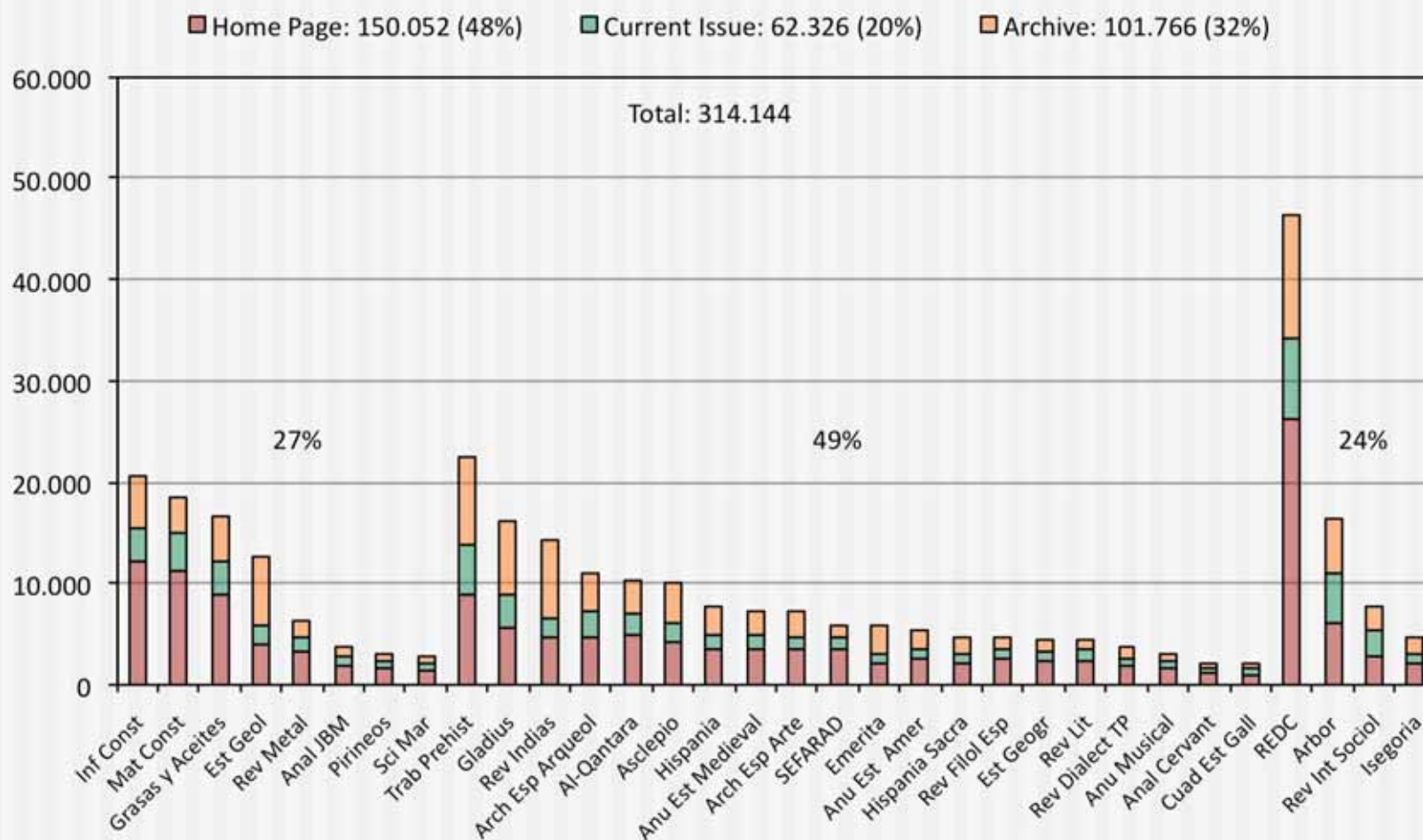
# Revistas-CSIC

## Main page hits (weekly)



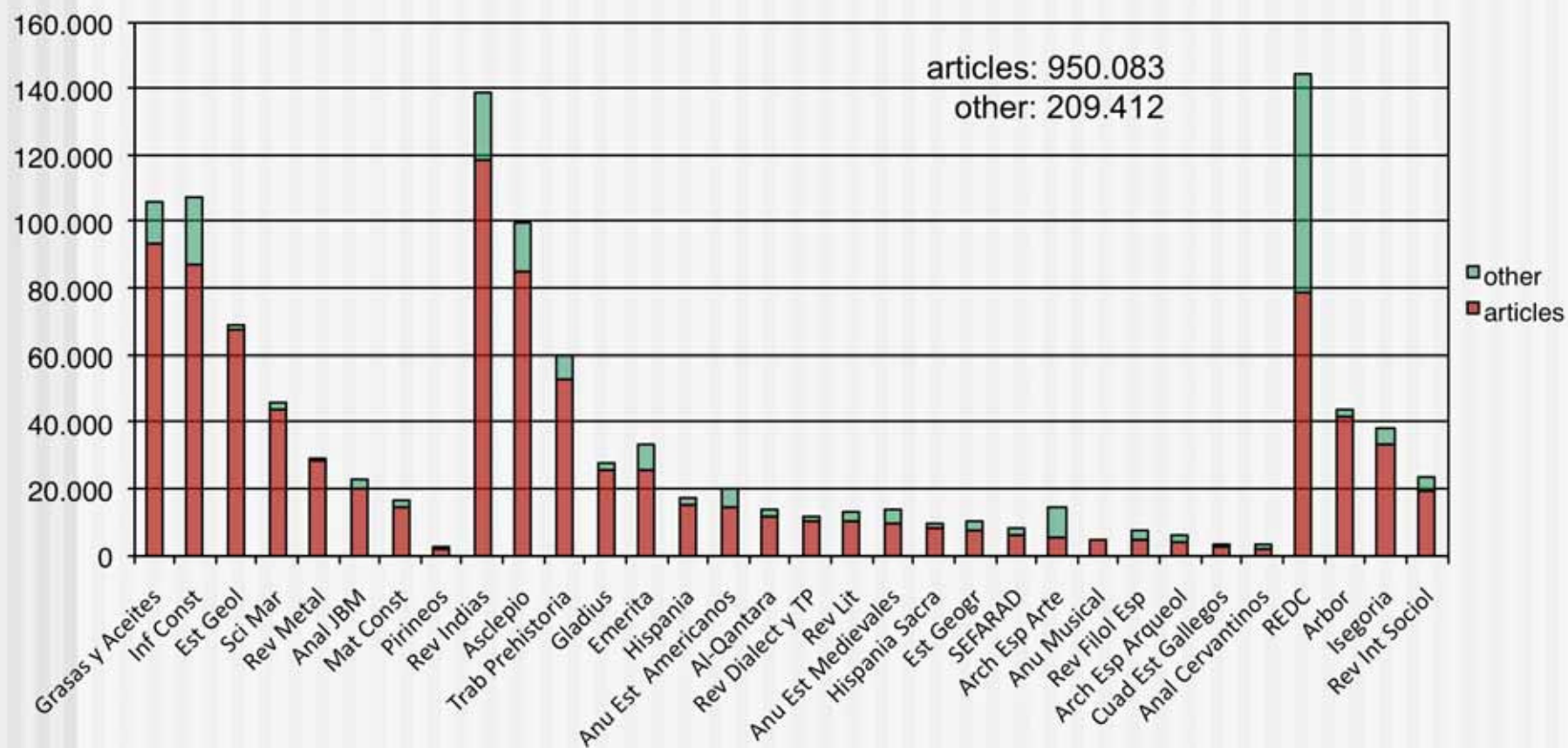
# Revistas-CSIC

## Hits per journal



# Revistas-CSIC

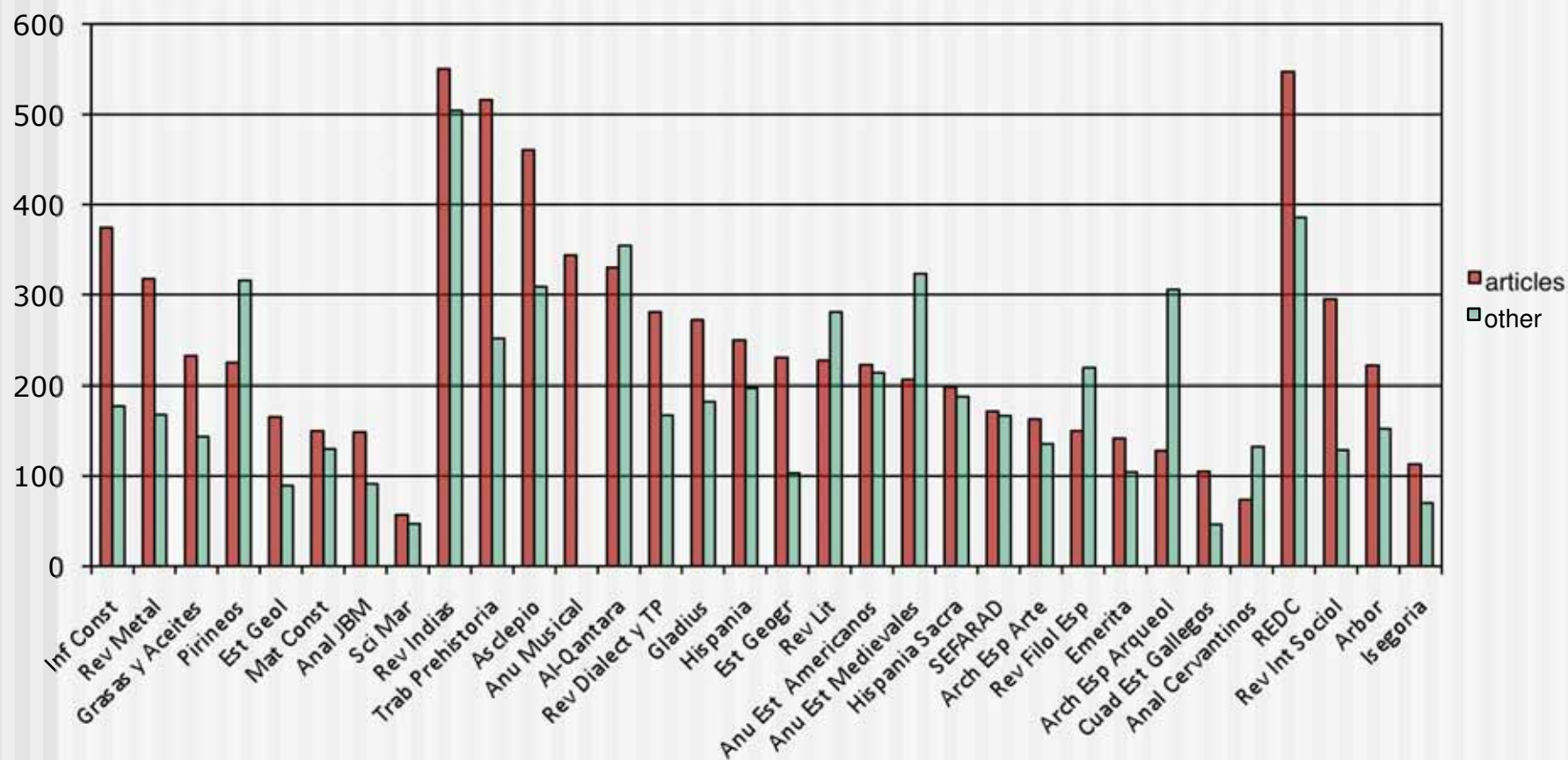
## Downloads (raw data)





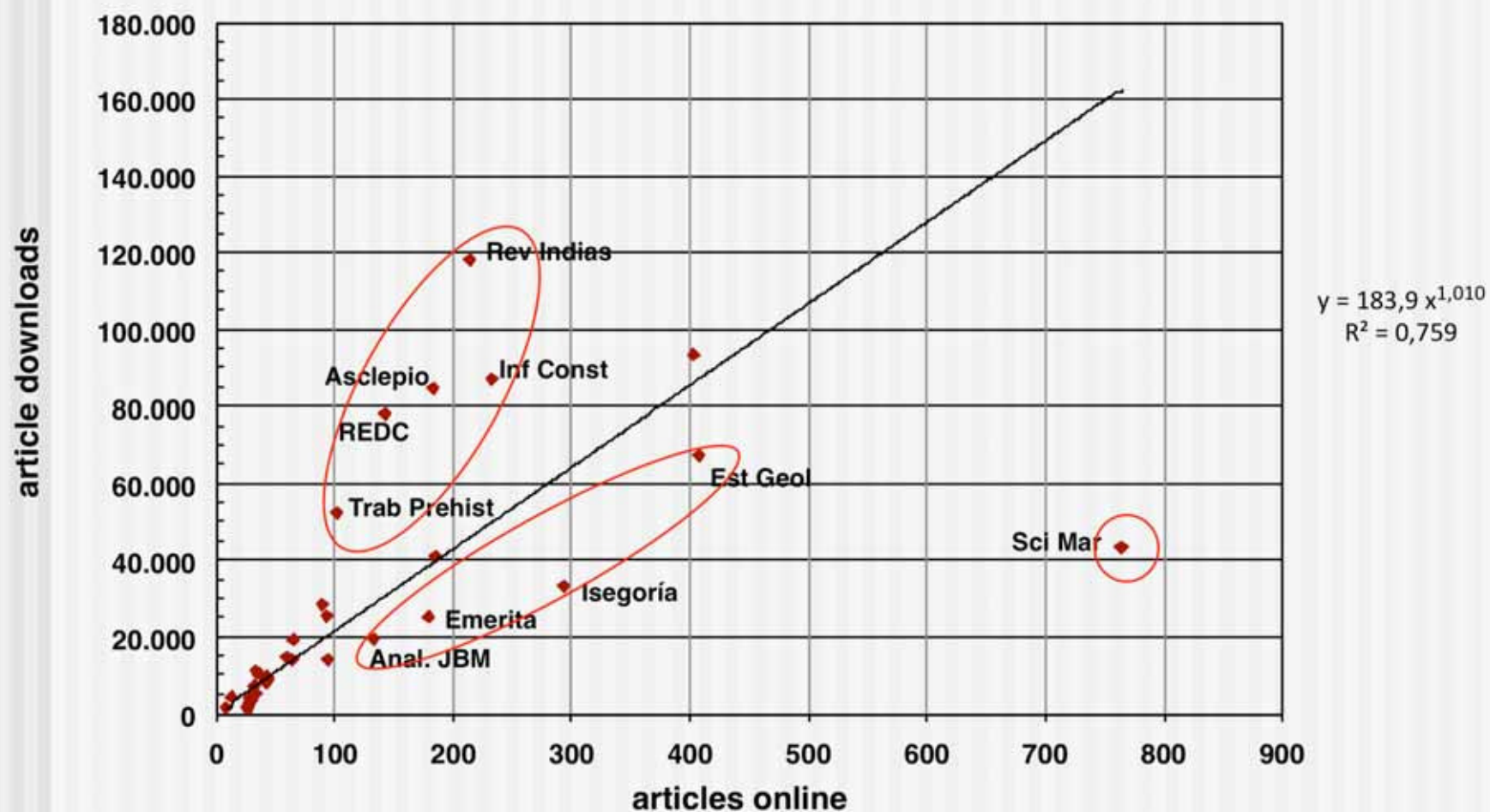
# Revistas-CSIC

## Average downloads/article (raw data)



# Revistas-CSIC

## Articles online vs. Article downloads





# Revistas-CSIC

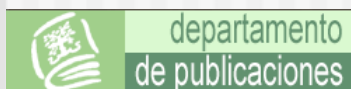
## Conclusions

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- CSIC has developed both [Revistas-CSIC](#) (Scientific Journals) and [Digital.csic](#) (Institutional repository) as a consequence of its adherence to the Berlin Declaration on Open Access
- Revistas-CSIC will maintain both printed and electronic editions in the future, and will also offer access to all Journals' historical archives in electronic format
- Revistas-CSIC will develop reader-based (downloads) and author-based (citations) metrics as a tool to measure different forms of impacts: social and scientific

# Revistas-CSIC

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## Publication Department

- Miguel A. Puig-Samper, Head of Dept.
- Concha Martínez Murillo
- Beatriz Contel



## ICCI group

Institute of Documentary Studies  
on Science and Technology

- Ramón B. Rodríguez, Coordination
- Elena Fernández
- Cristina Gutiérrez
- Juan Heras
- Mario Ráez
- Natividad Sastre



# Revistas-CSIC

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**Ευχαριστώ   Muchas gracias   Thank you**

**Ramón B. Rodríguez   [rbrod@cindoc.csic.es](mailto:rbrod@cindoc.csic.es)**

