



# Cómo monitorizar el impacto académico de un investigador



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Ilustración: Hugo Horita

<http://hualhorita.blogspot.com.ar>



UGR

Universidad de Granada

**Enrique Orduna-Malea ♦ Alberto Martín-Martín ♦ Emilio Delgado López-Cózar**  
*Universidad de Granada (España)*

# Objetivos

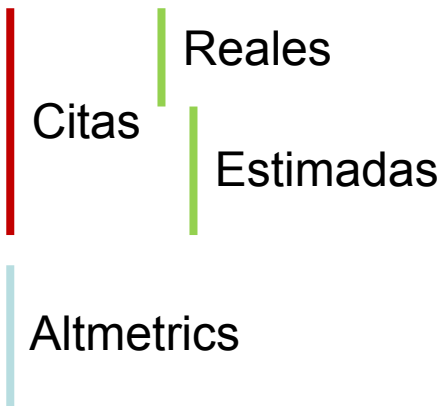
El principal objetivo del taller es el de proporcionar las herramientas y conocimientos necesarios **monitorizar** la actividad académica de los investigadores a partir del uso de **perfiles académicos**.

- A. ENTENDER** la necesidad de iniciar distintas acciones y estrategias de forma activa para mejorar la visibilidad académica online de una **universidad** a través de la visibilidad de sus **investigadores**.
- B. IDENTIFICAR Y DISTINGUIR** las principales plataformas de perfiles académicos online
- C. APRENDER A CREAR, MANTENER Y OPTIMIZAR** los perfiles académicos más importantes en la actualidad

# Contenidos

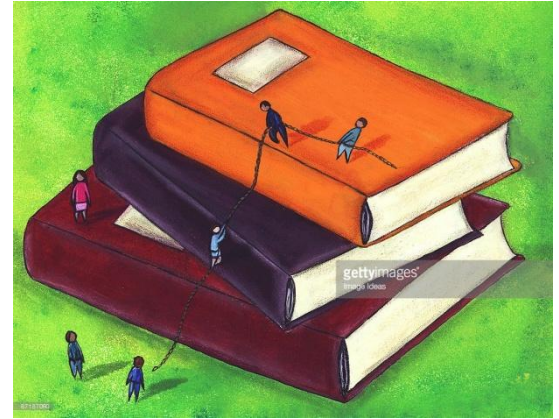
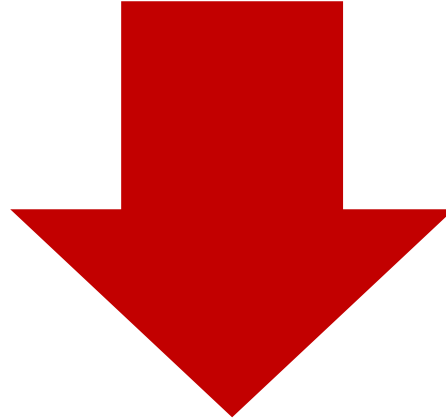
## 1. La metamorfosis en la comunicación y evaluación científica

## 2. Los perfiles académicos

- Google Scholar Citations
  - Microsoft Academic
  - Semantic Scholar
  - ResearchGate
  - ImpactStory
- 
- The diagram consists of three vertical lines. A red line is positioned to the right of the list items. To its right is the word 'Citas'. Further right is a green line, with 'Reales' above it and 'Estimadas' below it. To the right of the green line is a light blue line, with 'Altmetrics' below it.
- Citas
- Reales
- Estimadas
- Altmetrics

# 1. Metamorfosis

# Nuevo modelo de **comunicación** científica



# Nuevo modelo de **evaluación** científica

# El modelo tradicional de comunicación científica



Artículos  
en Revistas



Libros  
en Editoriales



Comunicaciones  
en congresos



**Publicar**



**Difundir**



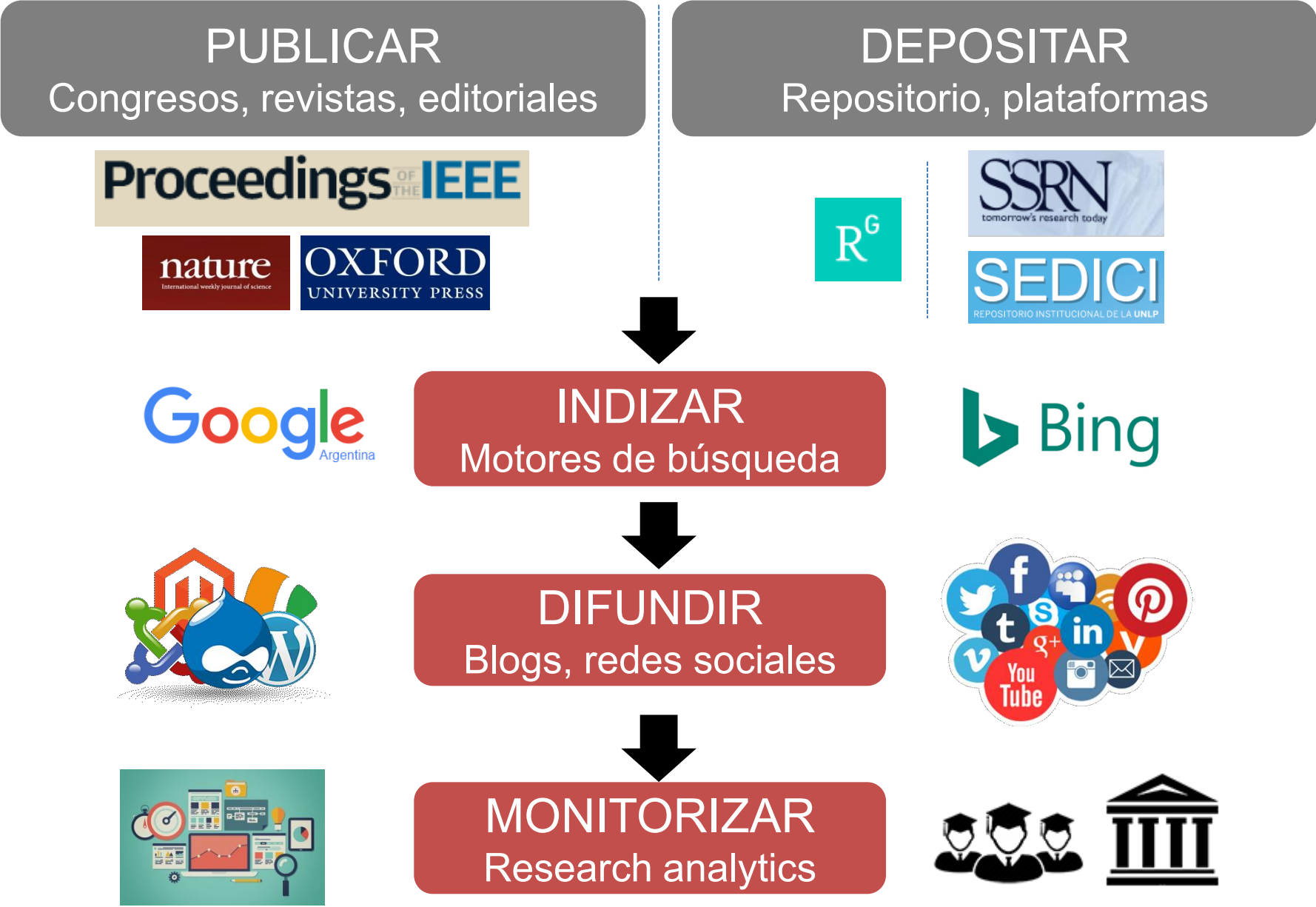
Documento indizado en  
Bases de datos / Catálogos



Envío de separatas

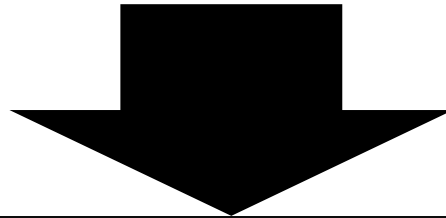


# El nuevo modelo de comunicación científica



# De la **Bibliometrics**

La evaluación de  
unos **pocos** para unos **pocos**



# A la **Altmetrics**

La evaluación  
de **todos** por **todos** y para **todos**  
La popularización y democratización de  
la evaluación científica



# Webometrics & Altmetrics

**TODO SE PUEDE  
CONTAR**



Los documentos (artefactos) son **almacenados** y **usados** en la Web:

- ✓ Enlazados
  - ✓ Visitados
  - ✓ Visualizados
  - ✓ Descargados
  - ✓ Etiquetados
  - ✓ Mencionados
  - ✓ Comentados
  - ✓ Reseñados
  - ✓ Valorados
  - ✓ Seguidos
  - ✓ Etc.
- Desde una página web  
Desde una red social  
Desde un artículo científico  
Desde una patente

Desde la huella digital... hacia la identidad digital... y la monitorización

¿Qué debe hacer un autor para mejorar su visibilidad e impacto?



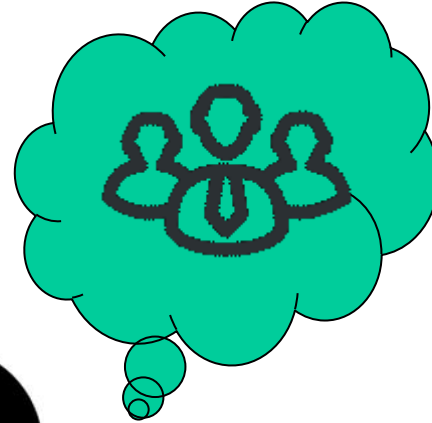
## Evaluación interna

La institución



## Evaluación externa

La comunidad científica



# **2. Los perfiles académicos**

# Los **escaparates** académicos

Las plataformas



# Y los **productos** académicos



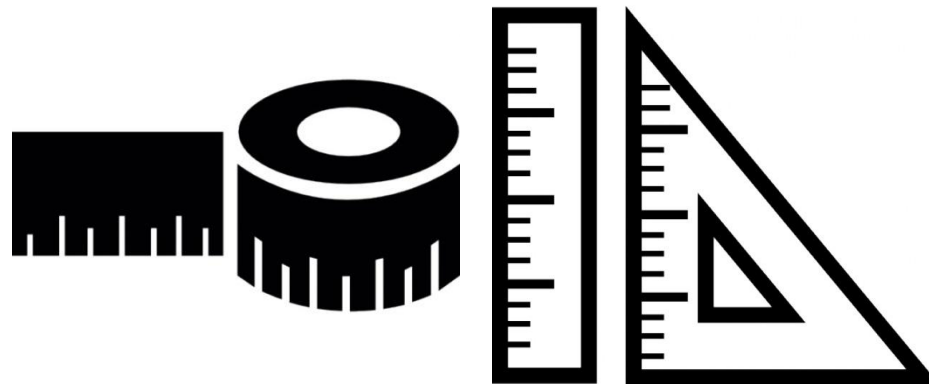
La producción



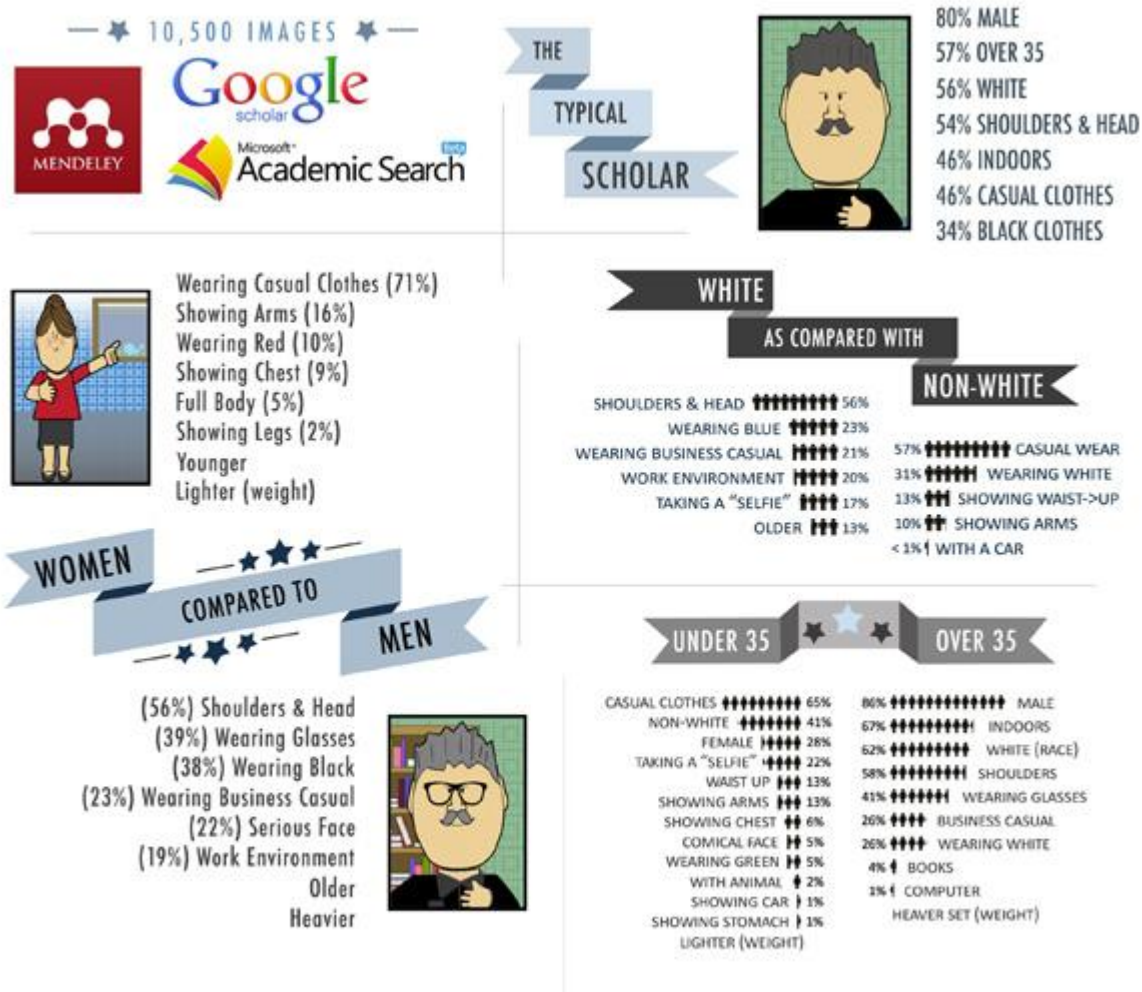
# Los espejos académicos



# Y los metros académicos



# Lo que dicen los espejos...



Tsou, A.; Bowman, T.; Sugimoto, T.; Lariviere, V.; Sugimoto, C. (2016). Self-presentation in scholarly profiles: Characteristics of images and perceptions of professionalism and attractiveness on academic social networking sites. *First Monday*

<http://firstmonday.org/ojs/index.php/fm/article/view/6381/5343>

# Lo que dicen los espejos...

Mendeley



- Less professional
- Younger and less likely to wear glasses (26.4%)
- Less likely to wear business wear (10.1%) or business casual attire (16.3%)
- Showed more body parts and skin
- Less likely to be pictured indoors (54.8%)
- More likely to feature a car (1.3%)
- Most likely to be female (31.6%) and least likely to be caucasian (46.8%)

Microsoft  
Academic Search



- More likely to wear glasses (43.1%)
- Less likely to wear orange (0.7%), red (5.1%), or blue (18.5%)
- Less likely to show bare chest (2.3%) or arms (3.5%)
- Less attractive
- Less likely to show waist or full body
- Showed less body parts and skin
- More likely to present a headshot

Google Scholar



- Less likely to be associated with comical visage (3%)
- More likely to wear black (40.3%) and blue (25.7%)
- More likely to be wearing business (19.6%) and business casual (25.6%)
- More likely to be caucasian (64.6%)
- More likely to be heavier
- More likely to present image from shoulders up

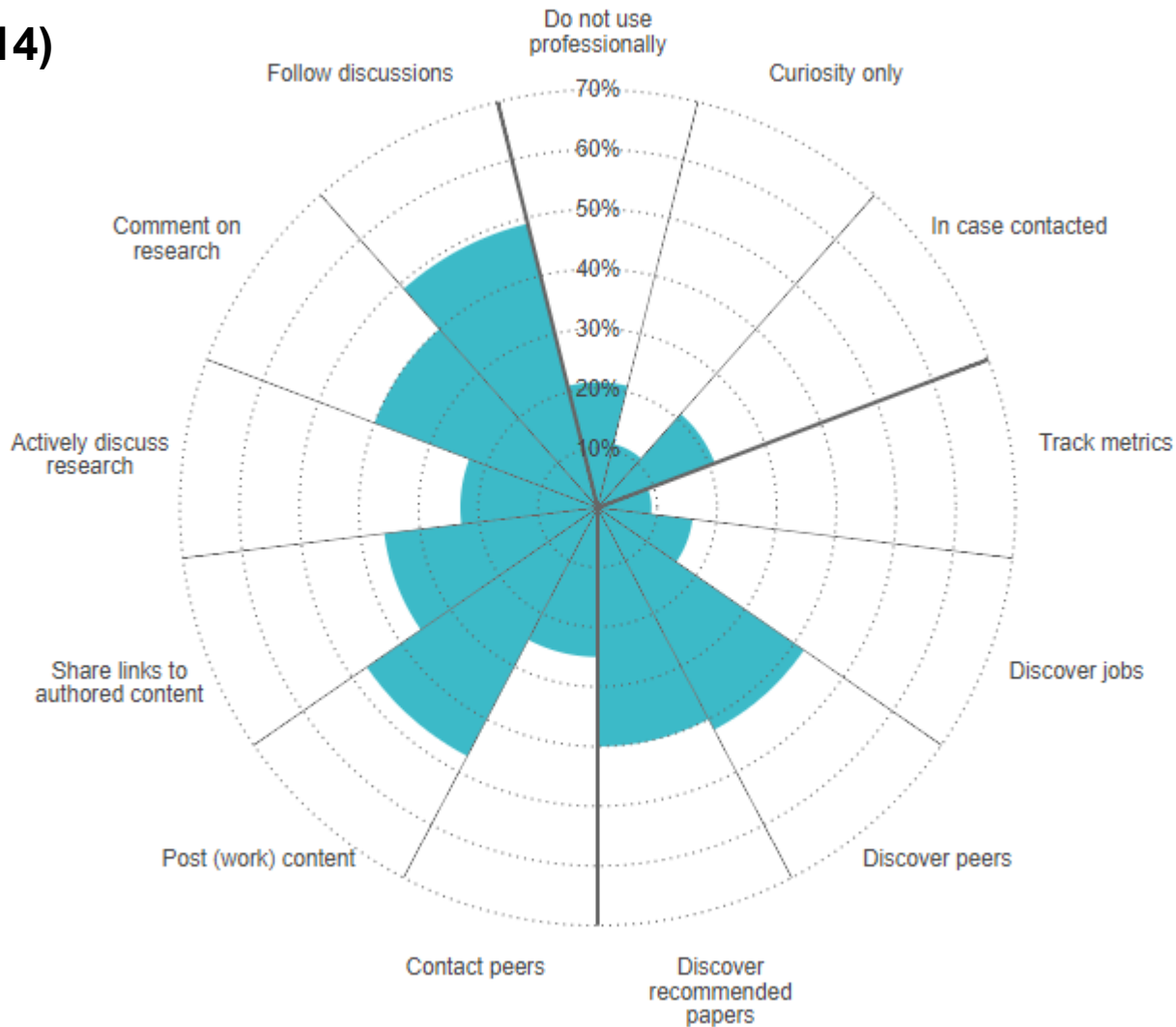
**Tsou, A.; Bowman, T.; Sugimoto, T.; Lariviere, V.; Sugimoto, C. (2016).** Self-presentation in scholarly profiles: Characteristics of images and perceptions of professionalism and attractiveness on academic social networking sites . *First Monday*

<http://firstmonday.org/ojs/index.php/fm/article/view/6381/5343>



# Estudios de uso

## Report 1. Nature (2014)

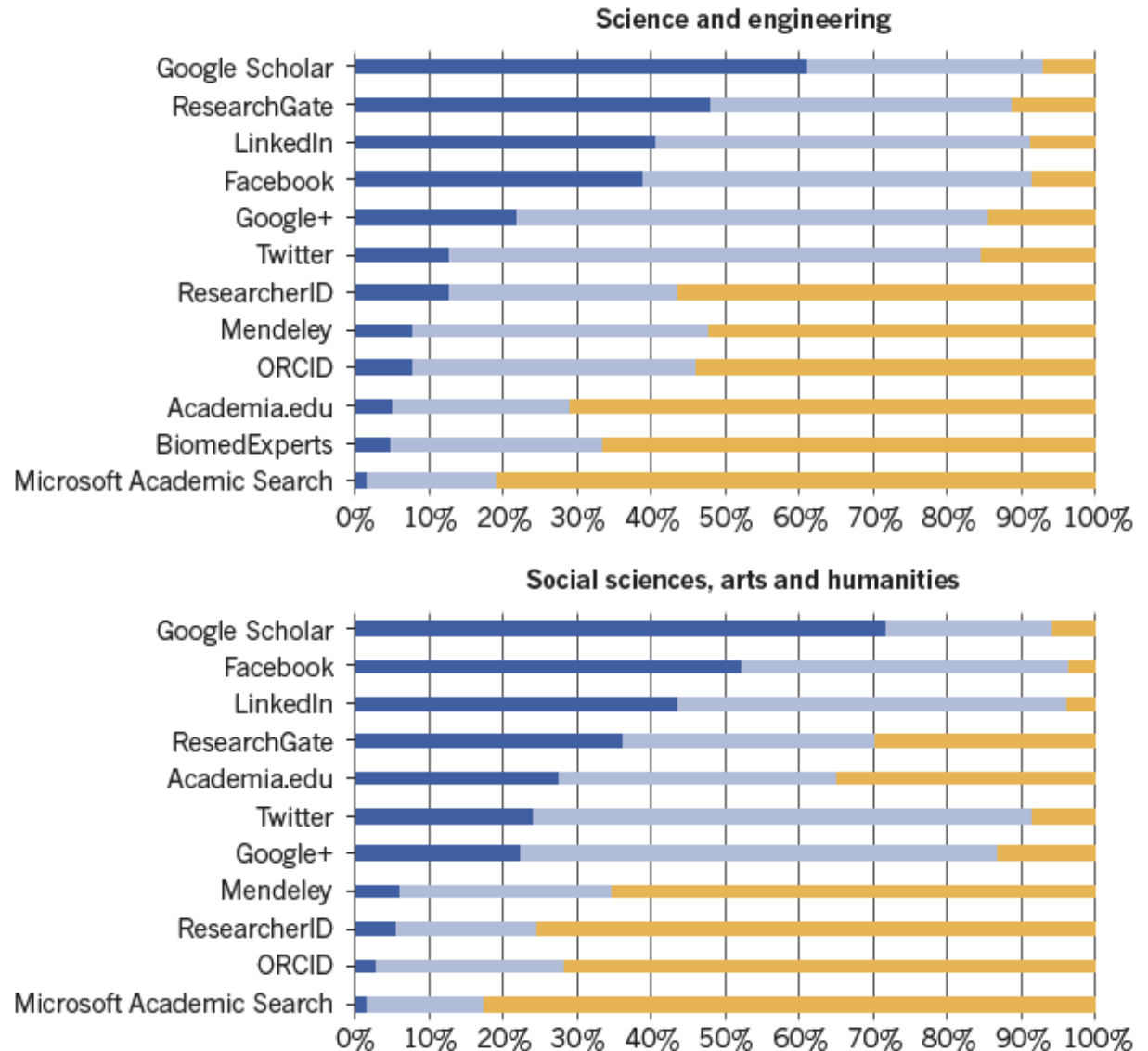


# Estudios de uso

<http://www.nature.com/news/online-collaboration-scientists-and-the-social-network-1.15711>

## Report 1. Nature (2014)

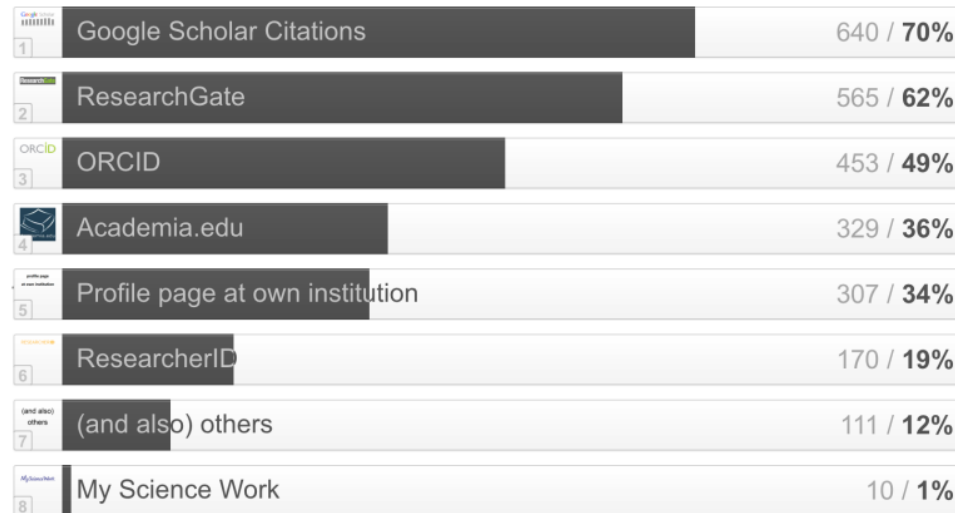
- I am aware of this site and visit regularly
- I am aware of this site but do not visit regularly
- I am not aware of this site



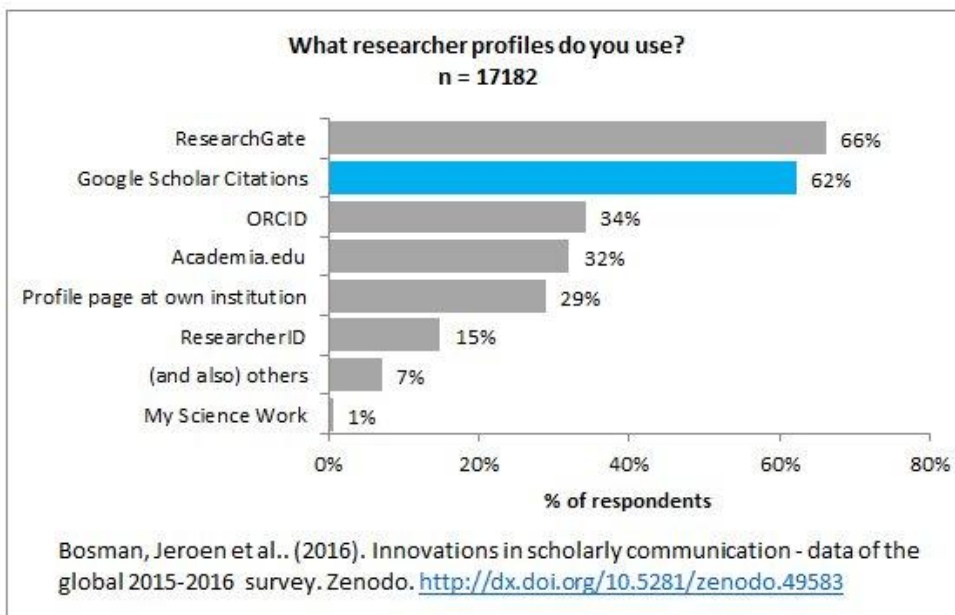
## Report 2. 101 innovations (2016)

What researcher profiles do you use?

916 out of 1000 people answered this question



2015

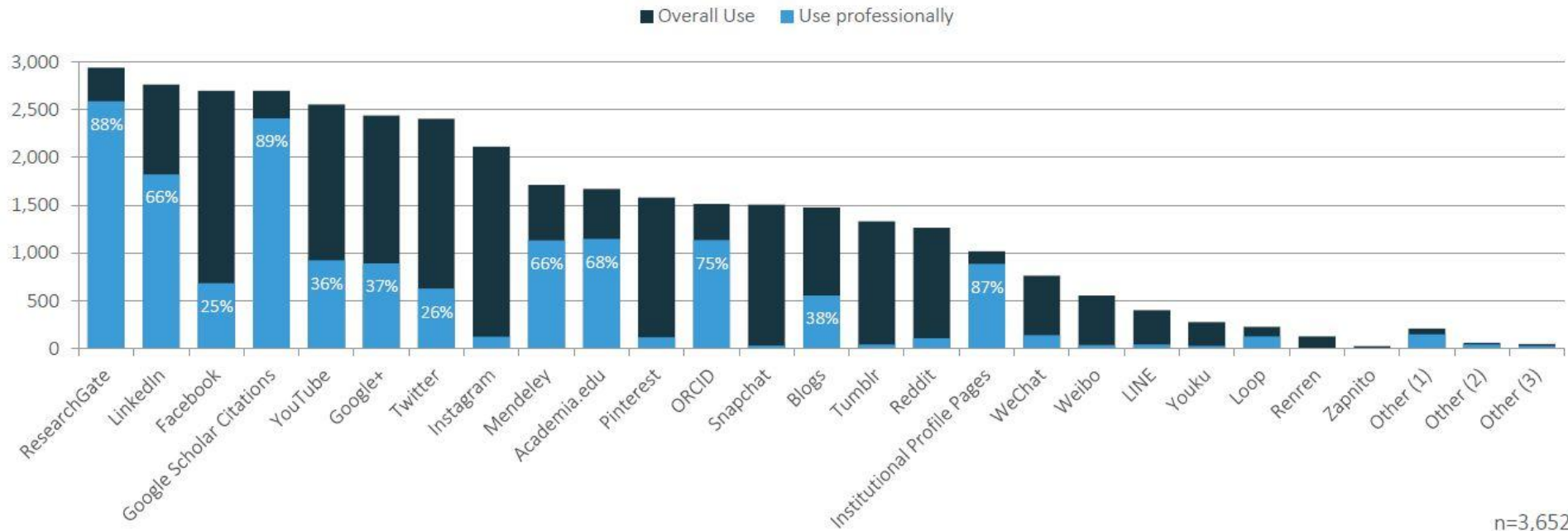


2016

# Estudios de uso

## Report 3. Nature (2017)

Use of different social media platforms/ SCNs overall and in a professional capacity by researchers

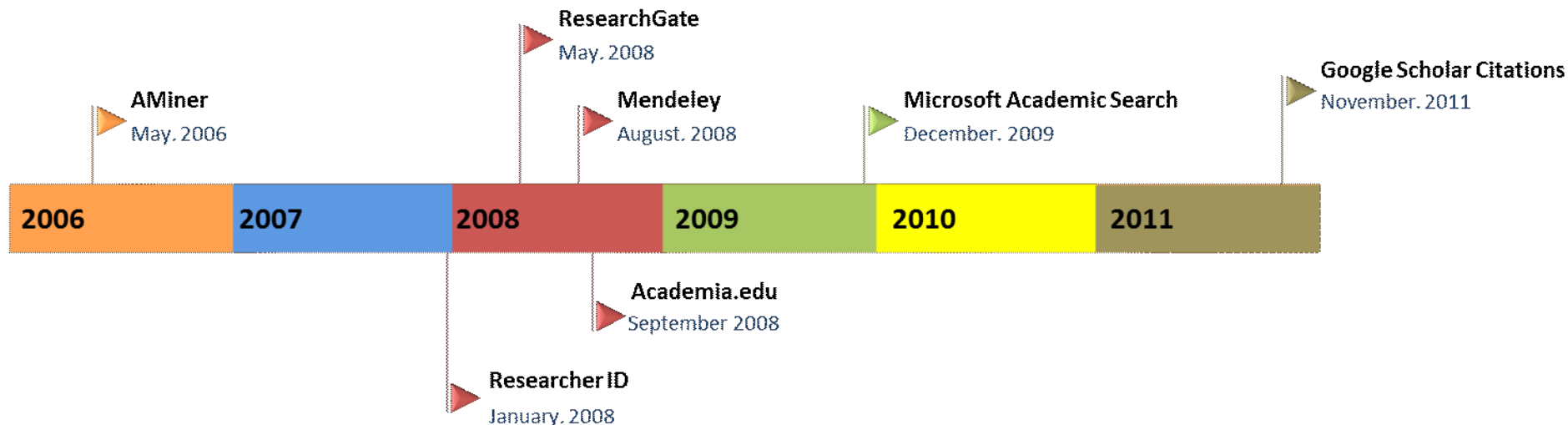


n=3,652

<http://blogs.nature.com/ofschemasandmemes/2017/06/15/how-do-researchers-use-social-media-and-scholarly-collaboration-networks-scns>

# Datos generales : demografía y tamaño

BASE DE DATOS	DOCUMENTOS
Google Scholar	+ 200.000.000 (aprox.)
Microsoft Academic	+168.000.000 (aprox.)
ResearchGate	+100.000.000 (aprox.)
WoS (all databases)	91.785.062
Scopus	69.403.494
WoS Core Collection	65.208.365
Mendeley	+45.000.000 (aprox.)
Semantic Scholar	+40.000.000 (aprox.)
Academia.edu	+19.000.000 (aprox.)



# Tipos de perfiles académicos

TIPO	EJEMPLOS
Identificador	ORCID
Base de datos bibliográfica	ResearcherID; Scopus ID
Repositorio Institucional	FUTUR (UPC)
Repositorio temático	SSRN
Metarepositorio	CITEC – REPEC
Motor de búsqueda académico externo	Google Scholar Citations; Microsoft Search
Motor de búsqueda integrado	Aminer; Semantic Scholar
Redes sociales académicas	Academia.edu, Mendeley; ResearchGate
Contenedor	ImpactStory

# Tipos de perfiles académicos

Citas Estimadas



Citas Reales



Dimensión Citas



Menciones online



Reads



Dimensión Altmetrics

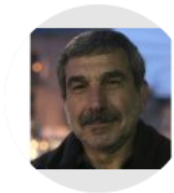
# Google Scholar citations





- Difundir mis **publicaciones** científicas
- Mejorar mi **visibilidad** e **impacto**
- Mantener **actualizado** (automáticamente) el CV.
- Conocer mis **indicadores bibliométricos**
- Saber **quién** me cita
- Seguir a **científicos** relevantes en mi campo
- Estar al día recibiendo alertas:
  - ✓ Citas a mis **trabajos**.
  - ✓ Nuevas publicaciones de otros **autores**.
  - ✓ Nuevas publicaciones sobre ciertos **temas**.
- Disponer de una biblioteca personal: Mi biblioteca

# Características principales



## Roberto Salvarezza

+ FOLLOW

Superior Researcher [CONICET](#), INIFTA, Argentina  
Verified email at inifta.unlp.edu.ar - [Homepage](#)

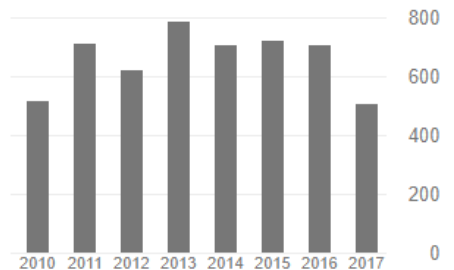
Nanoscience and Nanotech... Scanning Probe Microscopies

TITLE	CITED BY	YEAR
<a href="#">Self-assembled monolayers of thiols and dithiols on gold: new challenges for a well-known system</a> C Vericat, ME Vela, G Benítez, P Carro, RC Salvarezza Chemical Society Reviews 39 (5), 1805-1834	715	2010
<a href="#">Self-assembled monolayers of alkanethiols on Au (111): surface structures, defects and dynamics</a> C Vericat, ME Vela, RC Salvarezza Physical Chemistry Chemical Physics 7 (18), 3258-3268	327	2005
<a href="#">Surface characterization of sulfur and alkanethiol self-assembled monolayers on Au (111)</a> C Vericat, ME Vela, GA Benítez, JAM Gago, X Torrelles, RC Salvarezza Journal of Physics: Condensed Matter 18 (48), R867	281	2006
<a href="#">The chemistry of the sulfur–gold interface: in search of a unified model</a> E Pensa, E Cortés, G Corthey, P Carro, C Vericat, MH Fonticelli, G Benítez, ... Accounts of chemical research 45 (8), 1183-1192	190	2012
<a href="#">Kinetics of passivation and pitting corrosion of polycrystalline copper in borate buffer solutions containing sodium chloride</a> MRG de Chialvo, RC Salvarezza, DV Moll, AJ Arvia Electrochimica Acta 30 (11), 1501-1511	146	1985

Cited by

[VIEW ALL](#)

	All	Since 2012
Citations	10096	4053
h-index	52	27
i10-index	241	101



Co-authors

[VIEW ALL](#)

- Pilar Carro**  
Departamento de Química Física... >
- Carolina Vericat**  
CONICET Researcher - Profess... >
- Patricia L. Schillardi**  
Independent Researcher - CONI... >

<https://scholar.google.com/citations?user=pZvODKgAAAAJ>

# Instalación: datos descriptivos



☰ Google Scholar

- 1 Profile
- 2 Articles
- 3 Settings

Track citations to your articles. Appear in Scholar.

romibochi17@gmail.com [Switch account](#)

Name

Full name as it appears on your articles

Affiliation

E.g., Professor of Physics, Princeton University

Email for verification

E.g., einstein@princeton.edu

Areas of interest

E.g., general relativity, unified field theory

Homepage (optional)

E.g., <http://www.princeton.edu/~einstein>

Next

# Instalación: inclusión de artículos



## Artículos en lote



Google Scholar

- ✓ Profile
- 2 Articles
- 3 Settings



Articles: 0

Next

Altmetrics



Select groups of articles that you wrote.

A Altmetrics

1 ARTICLE

[MLAnews](#)

A Altmetrics, CD Curation

Jason Priem

31 ARTICLES

[Altmetrics: A manifesto](#)

J Priem, D Taraborelli, P Groth, C Neylon - 2010

[The altmetrics collection](#)

J Priem, P Groth, D Taraborelli - PloS one, 2012

Heather A Piwowar

59 ARTICLES

[Altmetrics: Value all research products](#)

H Piwowar - Nature, 2013

[Altmetrics in the wild: Using social media to explore scholarly impact](#)

J Priem, HA Piwowar, BM Hemminger - arXiv preprint arXiv:1203.4745, 2012



## Artículos individuales



Google Scholar

Profile  
Articles  
Settings

Articles: 0 [Next](#)

Altmetrics

- Select articles that you wrote.
- [Altmetrics: A manifesto](#)  
J Priem, D Taraborelli, P Groth, C Neylon - 2010
- [Altmetrics: Value all research products](#)  
H Piwowar - Nature, 2013
- [Do altmetrics work? Twitter and ten other social web services](#)  
M Thelwall, S Haustein, V Larivière, CR Sugimoto - PloS one, 2013
- [Altmetrics in evolution: Defining and redefining the ontology of article-level metrics](#)  
J Lin, M Fenner - Information standards quarterly, 2013
- [The altmetrics collection](#)  
J Priem, P Groth, D Taraborelli - PloS one, 2012



- ✓ Profile
- ✓ Articles
- 3** Settings

## Article updates

Scholar automatically finds your new articles and changes to existing articles.

- Apply updates automatically
- Email me updates for review

## Profile visibility

Public profiles help your peers find and follow your work. They also come with a personalized reading list.

- Make my profile public

---

Done



Nombre normalizado

Institución normalizada

Moed, Henk F.

Visiting professor, Sapienza Univ Rome; ex CWTS Leiden Univ, ex Elsevier  
Verified email at uniroma1.it

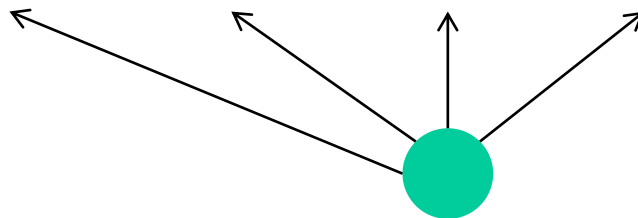
research assessment scientometrics informetrics research policy

+ FOLLOW

Alertas



Imagen personal



Keywords

- A. La **firma** científica: ¿qué nombre elegir?
- B. La adscripción **institucional**
- C. La adscripción **temática**: palabras clave



## Ranking de instituciones

Sapienza University of Rome [Learn more](#)



**Luciano M. Barone**

University of Roma Sapienza & INFN  
Verified email at uniroma1.it

Physics

Cited by 54118



**Massimo Volpe**

Dipartimento di Medicina clinica e Molecolare, Facoltà di Medicina e Psicologia, Università  
...  
Verified email at uniroma1.it

Cardiology Molecular Medicine Cardiovascular disease Hypertension

Cited by 41810



**Francesco Mauri**

Sapienza Università di Roma  
Verified email at uniroma1.it

condensed matter theory solid-state physics computational materials science  
quantum chemistry nanoscience

Cited by 36403





## Ranking de keywords



**Blaise Cronin**

Rudy Professor Emeritus of Information Science, Indiana University Bloomington, USA  
Verified email at indiana.edu

[Bibliometrics](#) [Informetrics](#) [Scientometrics](#) [Webometrics](#) [Scholarly Communication](#)

Cited by 10554



**Moed, Henk F.**

Visiting professor, Sapienza Univ Rome; ex CWTS Leiden Univ, ex Elsevier  
Verified email at uniroma1.it

[research assessment](#) [scientometrics](#) [informetrics](#) [research policy](#)

Cited by 10224



**Félix de Moya Anegón**

SCImago Research Group - SPAIN  
Verified email at scimago.es

[Scientometrics](#) [Bibliometrics](#) [Informetrics](#) [Information visualization](#)  
[Scholarly Communication](#)

Cited by 6937



**Judit Bar-Ilan**

Professor of Information Science, Bar-Ilan University, Israel  
Verified email at biu.ac.il



[Internet research](#) [informetrics](#) [information retrieval](#) [information behavior](#)  
[bibliometrics](#)

Cited by 6188



## Inclusión de registros




<input type="checkbox"/>	TITLE		CITED BY	YEAR
<input type="checkbox"/>	The cou Sciento Research A Martín- EC3 Work	  Add article groups Add articles Add article manually Configure article updates	80	2016
<input type="checkbox"/>	About th E Orduña EC3 Working Papers 18		45 *	2014
<input type="checkbox"/>	Methods for estimating the size of Google Scholar E Orduna-Malea, JM Ayllón, A Martín-Martín, E Delgado López-Cózar Scientometrics 104 (3), 931-949		30	2015



## Inclusión de artículos individuales

Add articles

Aquí introducimos la búsqueda deseada: autor, título, keyword... 

- Select articles that you wrote.
- Altmetrics: A manifesto**  
J Priem, D Taraborelli, P Groth, C Neylon - 2010
- Altmetrics: Value all research products**  
H Piwowar - Nature, 2013
- Do altmetrics work? Twitter and ten other social web services**  
M Thelwall, S Haustein, V Larivière, CR Sugimoto - PloS one, 2013
- Altmetrics in evolution: Defining and redefining the ontology of article-level metrics**  
J Lin, M Fenner - Information standards quarterly, 2013



**Seleccionamos  
registros y los  
añadimos al perfil**




# Contenidos: inclusión de registros


## Inclusión de grupos de artículos

Artículos en un grupo

Add article groups ×

 **Buscamos término o autor**

Select groups of articles that you wrote.

<input type="checkbox"/>	Enrique Orduña-Malea	143 ARTICLES   137 IN PROFILE
	<a href="#">The counting house: measuring those who count. Presence of Bibliometrics, Scientometrics, Informetrics, Webometrics and Altmetrics in the Google Scholar Citations, ...</a> A Martín-Martín, E Orduña-Malea, JM Ayllón... - arXiv preprint arXiv:1602.02412, 2016	
	<a href="#">About the size of Google Scholar: playing the numbers</a> E Orduña-Malea, JM Ayllón, A Martín-Martín... - arXiv preprint arXiv:1407.6239, 2014	
<input type="checkbox"/>	E ORDUÑA MALEA	1 ARTICLE   IN PROFILE
	<a href="#">Cibermetría</a> E ORDUÑA MALEA, I Aguillo - Midiendo el espacio red. Barcelona: UOC, 2014	

Incluimos registros en lote



## Inclusión manual

Journal	Conference	Chapter	Book	Thesis	Patent	Court case	Other
---------	------------	---------	------	--------	--------	------------	-------

Title

Authors

For example: Patterson, David; Lamport, Leslie

Publication date

For example, 2008, 2008/12 or 2008/12/31.

Journal

Volume

Issue

Pages

Publisher

**Precaución: si el registro no está indizado en Google Scholar, simplemente aparecerá en el perfil pero no enlazará con ningún registro en Google Scholar**

# Contenidos: edición de registros



Journal	Conference	Chapter	Book	Thesis	Patent	Court case	Other
---------	------------	---------	------	--------	--------	------------	-------

Title

Authors

For example: Patterson, David; Lamport, Leslie

Publication date

For example, 2008, 2008/12 or 2008/12/31.

Journal

Volume

Issue

Pages

Publisher

Scholar articles

[The counting house: measuring those who count. Presence of Bibliometrics, Scientometrics, Informetrics, Webometrics and Altmetrics in the Google Scholar Citations, ResearcherID, ResearchGate, Mendeley & Twitter](#)

A Martín-Martín, E Orduña-Malea, JM Ayllón... - arXiv preprint arXiv:1602.02412, 2016

Cited by 77 [Related articles](#) [All 5 versions](#)

- Keep this article as it is now.
- Remove this article and its 77 citations.
- Unmerge this article and add it to my profile as a separate entry.



**Editar con precaución**



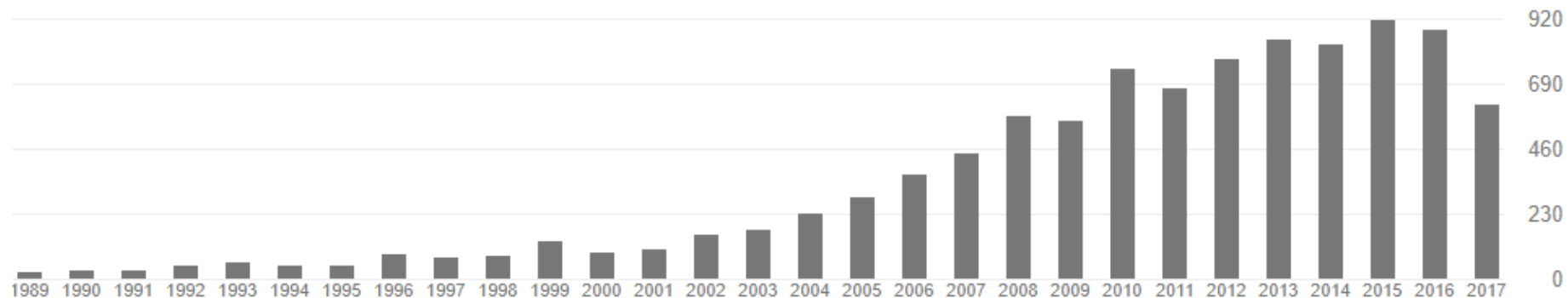
All

Since 2012

<u>Citations</u>	10224	4874
h-index	52	34
i10-index	101	80

## Cuadro resumen de indicadores de impacto

Citations per year



Histograma: número de citas totales por año



## Ranking de documentos por citas recibidas

TITLE	CITED BY	YEAR
<p>Citation analysis in research evaluation HF Moed Springer</p>	1397	2005
<p>New bibliometric tools for the assessment of national research performance: Database description, overview of indicators and first applications H Moed, R De Bruin, TH Van Leeuwen Scientometrics 33 (3), 381-422</p>	481	1995
<p>Measuring contextual citation impact of scientific journals HF Moed Journal of informetrics 4 (3), 265-277</p>	467	2010
<p>The use of bibliometric data for the measurement of university research performance HF Moed, WJM Burger, JG Frankfort, AFJ Van Raan Research policy 14 (3), 131-149</p>	460	1985







# Article-level metrics

Fuente



[PDF] from researchgate.net



Enlace a texto completo



Enlace a ficha bibliográfica original

Citation analysis in research evaluation

Authors Henk F Moed

Publication date 2005/6

Volume 9

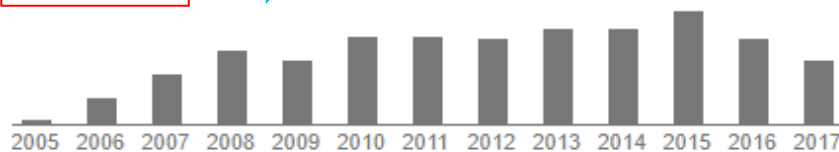
Publisher Springer

Description This book is written for members of the scholarly research community, and for persons involved in research evaluation and research policy. More specifically, it is directed towards the following four main groups of readers:—All scientists and scholars who have been or will be subjected to a quantitative assessment of research performance using citation analysis.—Research policy makers and managers who wish to become conversant with the basic features of citation analysis, and about its potentialities and limitations.—Members of peer ...

Total citations Cited by 1397



No puede editarse manualmente



Histograma de citas del registro

Scholar articles

Citation analysis in research evaluation  
HF Moed - 2006  
Cited by 1395 Related articles All 11 versions

Implications for the Use of Citation Analysis in Research Evaluation \*  
HF Moed - Citation Analysis in Research Evaluation, 2005  
Cited by 2 Related articles



Registros fusionados



# ¿Qué producción incluir en el perfil?

## Producción ACADÉMICA



## Producción CIENTÍFICA

Blog



Working



Curso



Report



Title	1-20	Cited by	Year
The Role of Ego in Academic Profile Services: Comparing Google Scholar, Researchgate, Mendeley, and Researcherid	A Martín-Martín, E Orduna-Malea, E Delgado López-Cózar		2016
ResearchGate como fuente de evaluación científica: desvelando sus aplicaciones bibliométricas	E Orduña-Malea, A Martín-Martín, E Delgado-López-Cózar		2016
The counting house: measuring those who count. Presence of Bibliometrics, Scientometrics, Informetrics, Webometrics and Altimetrics in the Google Scholar Citations, ResearcherID, ResearchGate, Mendeley & Twitter	A Martín-Martín, E Orduna-Malea, JM Ayllón, ED Lopez-Cozar	4	2016
Back to the past: on the shoulders of an academic search engine giant	A Martín-Martín, E Orduna-Malea, JM Ayllón, ED López-Cózar		2016
La búsqueda bibliográfica	E Delgado López-Cózar, A Martín-Martín		2016
Sexenios 2015: pocos cambios pero incisivos	E Delgado López-Cózar		2015
Nature's top 100 Re-revisited	A Martín-Martín, JM Ayllón, ED López-Cózar, E Orduna-Malea		2015

Paper

Paper

Paper



## ¿Actualización automática?



### Actualizar perfil

- Usaremos un modelo estadístico de autoría para identificar los nuevos artículos que escribas. También puede que actualicemos la información bibliográfica de los artículos de tu perfil o que identifiquemos las entradas de artículos duplicados, que se podrán combinar o eliminar. Indica cómo prefieres que se administren estos cambios.
  - Actualizar automáticamente la lista de artículos de mi perfil (*recomendado*)
  - No actualizar mi perfil automáticamente. Enviarme un mensaje de correo electrónico para revisar y confirmar las actualizaciones
- También puedes añadir y eliminar artículos de forma individual, actualizar sus datos bibliográficos y combinar registros duplicados. Las actualizaciones automáticas guardarán tus cambios y no los anularán.
- Google recopilará y mostrará todas las citas sobre tus artículos incluidas en Google Académico. Las citas se actualizarán automáticamente para reflejar los cambios que se produzcan en tu perfil y en Google Académico.

[Ir a mi perfil](#)



## ¿Público o privado?



- Público: visibilidad personal e institucional
- Puede volver a ser privado cuando quieras

Recuerda que para obtener alertas informativas automáticas de Google tu perfil debe ser público y disponer de una dirección de correo electrónico verificada de tu universidad.

Las direcciones no institucionales, como gmail.com, hotmail.com, aol.com, , yahoo.com, qq.com, etc., no son aptas para este propósito.



**NO QUIERO QUE ME  
VEAN!**



× Co-authors



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Professor Research Methods, Facultad de Comunicación y Documentación, Universidad de ...  
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**Jorge Serrano Cobos**

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Moed, Henk F.

Visiting professor, [Sapienza Univ Rome](#); ex CWTS Leiden Univ, ex Elsevier  
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# Nuevo buscador de perfiles



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Profiles

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**Thomas L Vaughan**

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[genetic epidemiology](#)

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[Human Gait](#) [Biomechanics](#) [Mathematical Modelling](#) [Medical Imaging](#) [Breast Cancer](#)

Cited by 6278



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[Web data mining](#) [Webometrics](#) [informetrics](#) [Web search engines](#)

Cited by 3697



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[space syntax](#) [segregation](#) [suburbs](#) [urbanism](#)

Cited by 1175

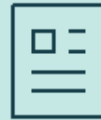
**ResearchGate**





13+ million

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100+ million

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193 countries

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63

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86%

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15%

Medicine



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Biology



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Engineering



7%

Chemistry



6%

Comp. Science



4%

Physics



40%

Other



## Academic or student

University students and faculty, institute members, and independent researchers



## Corporate, government, or NGO

Technology or product developers, R&D specialists, and government or NGO employees in scientific roles



## Medical

Health care professionals, including clinical researchers



## Not a researcher

Journalists, citizen scientists, or anyone interested in reading and discovering research

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Alexander Pigazzini and 2 others

5h ago

recommended an update in the project [Projects - Science as it happens](#)



Rachele Reichel

ResearchGate

## Titles for project updates are here

Now you can add a title to each new project update you add on ResearchGate. Titles are a great way to show your audience a quick summary of what your update is about or highlight the most important part of your latest progress. Your title is the...

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1 Comment



Peter Van den Besselaar

6h ago

added an article

## Counterintuitive effects of incentives?

Article

Full-text available

Sep 2017



## Q&A

Get answers to your research questions and share your expertise.

 Enter your question 150

Ask

### Questions we think you can answer



Louise Kelly asked a question:

**Do you know a good scale to measure the social networks of entrepreneurs?**

I would like to collect network data on entrepreneurs and would like to use an established scale.

 1 answer added

Follow

Answer



Ulises Olivares asked a question:

**What is the best library for importing NURBS geometry in c++?**

I am working with NURBS geometry and I already found openNURBS, but I would like to explore additional libraries.



### Questions we think you can answer




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### Your skills and expertise (45)

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Sam Coulby

Sheffield Hallam University

*"We received a number of applicants from ResearchGate, including two who were shortlisted and one who we appointed."*

Join our satisfied customers and recruit from 13+ million researchers

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**Enrique Orduna-Malea** id 27.62

PhD in Library & Information Science

PostDoc Researcher

Universitat Politècnica de Val... , Valencia · Institute for De...

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## About

Enrique is Technical Telecommunication Engineer, MA in Documentation, Master in multichannel contents management, and PhD in documentation, from the Polytechnic University of Valencia (UPV). He belongs to the EC3 Research Group, located at the University of Granada, developing a research line centered in academic search engines & social networks. Additionally, he is co-founder of Trademetrics Research Group, located at UPV, and centered in the application of web metrics to private companies.



Skills and expertise (45)



Academic Writing

Communication

Social Network Analysis

Qualitative Research



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Valencia, Valencia, Spain

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# Entidad 2: documento

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4,206 Reads

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2 Citations

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Share Add supplementary resources

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Questions

Generate a DOI

Edit

The counting house, measuring those who count:  
Presence of Bibliometrics, Scientometrics,  
Informetrics, Webometrics and Altmetrics in  
Google Scholar Citations, ResearchID,  
ResearchGate, Mendeley, & Twitter

Working Paper · January 2016

01/2016, Affiliation: EC3 Reseach Group: Evaluación de la Ciencia y de la Comunicación Científica Universidad de Granada and Universidad Politécnica de Valencia (Spain), Version: EC3 Working Papers, 21



1st [Alberto Martín-Martín](#)  
Not on ResearchGate

Invite



2nd [Enrique Orduna-Malea](#)  
i10 27.62 · Universitat Politècnica de Val...



3rd [Juan Manuel Ayllón](#)  
i10 12.87



4th [Emilio Delgado López-Cózar](#)  
i10 34.05 · University of Granada





## Facultad de Ciencias Económicas (FCE)

National University of La Plata

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- Member stats

**17**  
PUBLICATIONS

**12**  
Authors

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#### Article: Labor informality bias of a poverty-alleviation program in Argentina

Leonardo Gasparini · Francisco Haimovich · Sergio Olivieri

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Article · Nov 2009 · Journal of Applied Economics

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## National University of La Plata

La Plata, Provincia de Buenos Aires, Argentina

- Overview
- Contributions
- Departments
- Members
- Member stats

Σ il **21,637.40**

Total RG Score

from

**2,254**

Members

[View member stats](#)

**9,306**

Publications

[Add these stats to your site](#)

Departments

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**Facultad de Ciencias Naturales y Museo**

**114**

Members

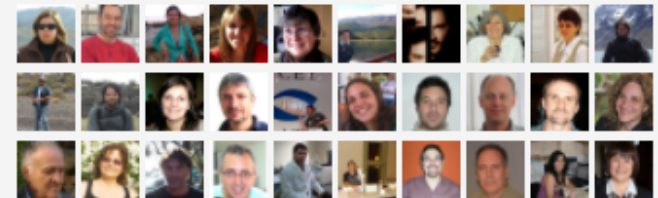
**Departamento de Química**

**113**

Members

**2254 Members**

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Top publications last week *by reads*

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**Combined Measurement of the Higgs Boson Mass in pp Collisions at  $\sqrt{s}=7$  and 8 TeV with the ATLAS and CMS Experiments**

Physical Review Letters 05/2015; 114(19):191803.

**24k Reads**

# Entidad 5: Preguntas



Rudolf Ritt · 1131.91  
Naturwissenschaftlicher Verein Passau

## Do scientists tend to gain preferably informations which confirm their opinion and fade out contradictory statements?

I heard (Süddeutsche Zeitung, February 6/7th 2016), that people like to sit in a "reverberation chamber", they are consuming only informations which confirm their opinions, because it feels good to be liked or confirmed.

The social networks tend to strenghten this behavior, especially with the help of new filter systems, which gain new connections by evaluating the personal data of the user.

Is this contradictory to objective thinking and having an open mind?

What about the filtering systems of RG?

Topics

Scientific Information

Scientific Communication

Philosophy Of Science

Analytical Thinking

Social Networks

Feb 7, 2016 · Modified Feb 7, 2016 by the commenter.

↑ Recommend

Share ▾

2 Recommendations

Following

Answer this question

Question followers (14)

See all



Reads

7



Followers

14



Answers

28

### Similar Questions



Can philosophy help to innovate and develop scientific theory?

*Some scientists disregard philosophy as a distant or confusing discipline or way of thinking. But others have a different view. "Heisenberg would..."*

576 answers added

## El Profesional de la Informacion (PROF INFORM)

Publisher: EPI SCP

### Journal description

El Profesional de la Información antes Information World en Español, IWE "El Profesional de la Información" is a Spanish language journal focussing on information technology. Non-Spanish speakers can send a message to [pub@swets.nl](mailto:pub@swets.nl) for more information Revista sobre documentación, bibliotecas y nuevas tecnologías de la información.

### RG Journal Impact: 0.68\*

\*This value is calculated using ResearchGate data and is based on average citation counts from work published in this journal. The data used in the calculation may not be exhaustive.

### RG Journal impact history

<b>2017 RG Journal impact</b>	Available summer 2018
<b>2015 / 2016 RG Journal impact</b>	0.68
<b>2014 RG Journal impact</b>	0.73
<b>2013 RG Journal impact</b>	0.64
<b>2012 RG Journal impact</b>	0.53
<b>2011 RG Journal impact</b>	0.32

Inactive project

## Google Scholar as a tool for scientific evaluation

Emilio Delgado López-Cózar · Alberto Martín-Martín · Enriq · [Show all 4 collaborators](#)

**Goal:** unravelling the inner depths of Google Scholar and testing its capabilities as a tool for scientific evaluation

[Show details](#)

Updates	NA
Recommendations	NA
Followers	NA
Reads	NA

[Project log](#) [References \(276\)](#) [Questions](#)

Add research

Add update



### Your collaborator's update is pending

Add a project update to reactivate your project.

Assigned to Emilio Delgado López-Cózar



Add update now

Reassign

Reschedule





[Back to stats overview](#)

## Inteligencia Artificial



Increase your impact  
We've got 4 suggestions



### Report for week ending **September 24th, 2017** ▾

#### Summary

**+362**

Reads

Current total: 41,845

**+2**

Citations

Current total: 283

**+14**

Recommendations

Current total: 138

#### People who read your work

**Walter D Cardona Maya**

h1 33.4 · University of Antioquia

Read

Can we use Google Scholar to identify highly-cited documents?



**Jan Wolenski**

h1 21.78 · Jagiellonian University

Read

The Google Scholar Revolution: a big data bibliometric tool





*Contribuciones*



*Interacciones*



*Reputación*

## **RG Score**

A new way to measure scientific reputation.

### **A. EVALÚATE**

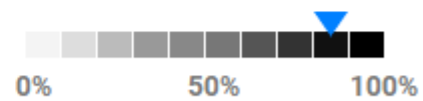
RG Score ⓘ  
**27.62**



- Breakdown:
- 99.84% Publications
  - 0.00% Questions
  - 0.00% Answers
  - 0.16% Followers

### **B. COMPITE**

Percentile:  
Your score is higher than 85% of ResearchGate members'.





RG Score. *ResearchGate*

<https://www.researchgate.net/publicprofile.RGScoreFAQ.html>

The ResearchGate Score: a good example of bad metric. LSE Impact Blog.

<http://blogs.lse.ac.uk/impactofsocialsciences/2015/12/09/the-researchgate-score-a-good-example-of-a-bad-metric/>

Orduna-Malea, E., Martín-Martín, A., & Delgado-López-Cózar, E. (2016). ResearchGate como fuente de evaluación científica: desvelando sus aplicaciones bibliométricas. *El profesional de la información*, 25(2), 303-310.

Orduna-Malea, Enrique, Alberto Martín-Martín, Mike Thelwall, and Emilio Delgado López-Cózar (2017). Do ResearchGate Scores create ghost academic reputations?. *Scientometrics* (2017), 443-460.

**Impact  
Story**

**ORCID**



- ImpactStory es una herramienta open source, gratuita, que permite la creación de un **perfil académico**.
- Se caracteriza por proporcionar impacto alternativo a la producción científica de un autor: **menciones en redes sociales**.
- Creada en 2011 por Heather Piwowar (@researchremix) y Jason Priem (@jasonpriem) como Total-Impact. Renombrada en 2012 como ImpactStory.



- El perfil se crea a partir de la introducción de ítems, con las siguientes restricciones:
  - Los documentos deben disponer de **DOI**
  - Los documentos deben estar incluidos en **ORCID**
- **Proporcionan** contexto a las métricas (menciones) a partir del establecimiento de distintas dimensiones de impacto e indicadores de rendimiento (logros).
- **NO** se incorporan datos de citas bibliográficas.



## ■ PASO 1: ACCEDER A LA PLATAFORMA

# Discover the online impact of your research.

Track buzz on Twitter, blogs, news outlets and more: we're like Google Scholar for your research's online reach. Making a profile takes just seconds:



 See an example profile



**Crear cuenta**

<https://impactstory.org>



## ■ PASO 2: AUTORIZAR CUENTA DE TWITTER

**Authorize Impactstory to use your account?**

Remember me · [Forgot password?](#)

**Sign In**

Cancel



**Impactstory**

By Impactstory  
impactstory.org

Share the full story of your research impact

[Privacy Policy](#)

[Terms and Conditions](#)

**This application will be able to:**

- Read Tweets from your timeline.
- See who you follow.
- See your email address.

**Will not be able to:**

- Follow new people.
- Update your profile.
- Post Tweets for you.
- Access your direct messages.
- See your Twitter password.

<https://orcid.org/oauth/signin>



## ■ PASO 3: CREAR ORCID

Es **obligatorio** disponer de un ORCID para crear un perfil en ImpactStory

<https://orcid.org/oauth/signin>

## ORCID

Impactstory 

has asked for the following access to your ORCID Record



Get your ORCID iD



Allow this permission until I revoke it.

*You may revoke permissions on your account settings page. Unchecking this box will grant permission this time only.*

This application will not be able to see your ORCID password, or other private info in your ORCID Record. [Privacy Policy](#).

Already have an ORCID iD? [Sign In](#).

As per ORCID's [terms and conditions](#), you may only register for an ORCID iD for yourself.

First name



Last name

Email



Re-enter email





## ■ PASO 3: INTRODUCIR ORCID

Una vez disponemos de ORCID, lo insertamos en ImpactStory y “Autorizamos” la vinculación.

Si no recordamos el ID, podemos acceder con email y contraseña

<https://orcid.org/oauth/signin>

The screenshot shows the ORCID ImpactStory authorization interface. At the top, the ORCID logo is displayed in green, followed by the text "Impactstory" and a question mark icon. Below this, it states "has asked for the following access to your ORCID Record". A section titled "iD" with a green circle icon asks "Get your ORCID iD". There is a checked checkbox for "Allow this permission until I revoke it." with a sub-note: "You may revoke permissions on your account settings page. Unchecking this box will grant permission this time only." Below this, a disclaimer states: "This application will not be able to see your ORCID password, or other private info in your ORCID Record. Privacy Policy." A link "Don't have an ORCID iD? Register." is provided. A form with a black border contains two input fields: "Email or iD" and "Password", both with asterisks indicating they are required. Below the form is a link "Forgotten password?". At the bottom right, there are two buttons: "Deny" and "Authorize".





- PASO 4: VINCULAMOS ORCID E IMPACTSTORY



Getting your profile...





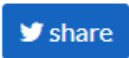
## ■ PASO 5: OBTENEMOS EL PERFIL ACADÉMICO



**Enrique Orduña-Malea**  

Universidad de Granada Postdoctoral Researcher (Juan de la Cierva)

 open access 88%



OVERVIEW

ACHIEVEMENTS

TIMELINE

PUBLICATIONS

### ACHIEVEMENTS

[view all](#)



**Open Access** Top 10%

87% of your research is free to read online. This level of availability puts you in the top 6% of researchers.



**Global Reach** Top 10%

Your research has been saved and shared in 51 countries. That's high: only 6% of researchers get that much international attention.

### TIMELINE

[view all](#)

900

Online mentions  
over 1 years

        
856 16 14 9 3 1 1

### PUBLICATIONS

[view all](#)



The counting house, measuring those who count: Presence of Bibliometrics, Scientometrics, Informetrics, Webometrics and Altmetrics in Google Scholar Citations, ResearcherID, ResearchGate, Mendeley, & Twitter 2016

294     

<https://impactstory.org/u/0000-0002-1989-8477>




## ■ PASO 6: SINCRONIZAMOS PERIÓDICAMENTE

### Settings

[← Back to my profile](#)

#### Sync data from ORCID

Your Impactstory profile is built on your ORCID profile, and it automatically stays in sync to pull in your new information and new works. But if you can't wait, you can also sync manually right now.

 Sync with my ORCID now




**Sincronizamos ORCID con ImpactStory**

#### Donate

Impactstory is a nonprofit, and the application you're using is free. But if you're getting value out of it, we'd love a donation to help keep us around.

 Donate \$10


 Donate \$100



**Contribuimos a la causa**

#### Delete

Don't like what you see? Drop us a line, we'd love to hear how Impactstory could be better. Or you can just delete this profile:

 Delete my Impactstory profile



**Borramos nuestro perfil**

<https://impactstory.org/me/settings>





- OVERVIEW
- ACHIEVEMENTS
- TIMELINE
- PUBLICATIONS




## OVERVIEW: El tablero de datos





### ACHIEVEMENTS view all

 **Global Reach** <sup>96</sup>  
Your research has been discussed in 36 countries. That's high: only 4% of researchers have their work as widely discussed.  
📌 Your tweeters come from Argentina, Australia, Austria and 33 more.






 **Greatest Hit** <sup>97</sup>  
Your most discussed publication has been mentioned online 306 times. Only 3% of researchers get this much attention on a publication.  
📌 Your greatest hit online is *The counting house, measuring those who count & Twitter., Informetrics, Mendeley* and 5 more.



 **All Readers Welcome**  
Your writing has a reading level that is easily understood at grade 13 and above, based on its abstracts and titles. That's great – it helps lay people and practitioners use your research. It also puts you in the top 31% in readability.



### MENTIONS view all


456 online mentions across 4 channels:  450  3  2  1

### PUBLICATIONS view all

 **The counting house, measuring those who count: Presence of Bibliometrics, Scientometrics, Informetrics, Webometrics and Altmetrics in Google Scholar Citations, ResearcherID, ResearchGate, Mendeley, & Twitter**  
2016  
306    

 **Methods for estimating the size of Google Scholar**  
2015 *Scientometrics*  
79 

 **Aggregation of the web performance of internal university units as a method of quantitative analysis of a university system: The case of Spain**  
2013 *Journal of the American Society for Information Science and Technology*  
16 

 share

Compartir perfil en Twitter

 view as JSON

Exportar en formato interoperable



## ■ ACHIEVEMENTS: Los logros de un autor en la Web social

### 9 ACHIEVEMENTS



#### Open Access Top 10%

87% of your research is free to read online. This level of availability puts you in the top 6% of researchers.

🔗 Even better, 4% of your papers are published under a fully Open license like CC-BY, making them available for a wide range of reuse (not just reading). Learn more about why this is important at [HowOpenIsIt](#).

🔗 link 🐦 share



Detalles o datos adicionales



#### Global Reach Top 10%

Your research has been saved and shared in 51 countries. That's high: only 6% of researchers get that much international attention.

🔗 Countries include Argentina, Australia, Austria and 48 more.

🔗 link 🐦 share



Uso de percentiles



#### Wikitastic Top 50%

Your research is mentioned in 1 Wikipedia articles! Only 31% of researchers are this highly cited in Wikipedia.

🔗 Your Wikipedia titles include [Domain Authority](#).

🔗 link 🐦 share



Deprecated

- ACHIEVEMENTS: Los logros de un autor en la Web social

## BUZZ

**Buzz** is the volume of discussion (good and bad) around your research. It's a good—if coarse—measure of online interest around your work.

---

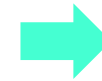


Menciones

## ENGAGEMENT

**Engagement** is about *how* people are interacting with your research online. What's the quality of the discussion, who is having it, and where?

---



Interacciones

## OPENNESS

**Openness** looks at how easy it is for people to actually read and use your research; publishing in Open Access venues is a big part of this, but so is publishing open data and code, and publishing in ways that build lay and practitioner audiences.

---



Accesibilidad

## FUN

**Fun** achievements are Not So Serious.

---



Curiosidades



## ■ ACHIEVEMENTS: Los logros de un autor en la Web social

### BUZZ



#### Greatest Hit

Your most discussed publication has been mentioned online  $n$  times.



#### Clean Sweep

Every one of your publications since 2012 has been mentioned online at least once.



#### First Steps

Your research has been mentioned online! Congrats!



#### Hot Streak

People keep talking about your research. Someone has mentioned your research online every month for the last  $n$  months.





## ■ ACHIEVEMENTS: Los logros de un autor en la Web social

### ENGAGEMENT



#### Global Reach

Your research has been discussed in  $n$  countries.



#### Global South

More than  $n\%$  of people who mention your research are in the Global South.



#### Labmates

Around  $n\%$  of your online attention is from scientists.



#### Follower Frenzy

Someone with  $n$  followers has tweeted your research.



#### Wikitastic

Your research is mentioned in  $n$  Wikipedia articles!



## ■ ACHIEVEMENTS: Los logros de un autor en la Web social

### OPENNESS



#### Software Reuse

Your research software keeps on giving. Your software impact is in the top  $n$  percent of all research software creators on Depsy.



#### Open Sesame

You've published  $n\%$  of your research in gold open access venues.



#### Open Science Triathlete

Congratulations, you hit the trifecta. You have an Open Access paper, open dataset, and open source software.



#### All Readers Welcome

Your writing has a reading level that is easily understood at grade  $n$  and above, based on its abstracts and titles.



## ■ ACHIEVEMENTS: Los logros de un autor en la Web social

😊 FUN



**Big in Japan**

Your work was mentioned by someone in Japan!



**Kind of a Big Deal**

Cool! Your research has been tweeted by  $n$  scientists who are considered Big Deals on Twitter *[source]*.



**Rickroll**

You have been tweeted by a person named Richard! A recent study found this is correlated with a 19% boost in citations *[source]*.



- MENTIONS: el impacto de un autor en las redes sociales



Menciones **totales** por canal al conjunto de nuestras publicaciones **incluidas en el perfil**










900 ONLINE MENTIONS OVER 1 YEARS

  14 tweets [click to show](#)  
3 days ago

 Robin des bois ou rogue open access ? Les réseaux sociaux académiques en 2017  
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[ResearchGate as a source for scientific evaluation: Revealing its bibliometric...](#)

Filter by channel

-  Tweets (856 )
-  Facebook pages (16)
-  Blog posts (14 )
-  Google+ posts (9)
-  News mentions (3)
-  Wikipedia articles (1)
-  Reddit posts (1)



Filtramos canales desde donde nos mencionan




Mención indicando la **fuentes** (blog) y el **documento** mencionado, ambos accesibles mediante click



## ■ MENTIONS: el impacto de un autor en las redes sociales

856 MENTIONS ON

 twitter x

 Tweet from Chérifa Boukacem to 222 followers [↗](#)  
3 days ago by Chérifa Boukacem  
[Do ResearchGate Scores create ghost academic reputations?](#)










 Tweet from Nancy Courtney to 30 followers [↗](#)  
3 days ago by Nancy Courtney  
[Do ResearchGate Scores create ghost academic reputations?](#)

 Tweet from BIDAL Michele to 27 followers [↗](#)  
3 days ago by BIDAL Michele  
[Do ResearchGate Scores create ghost academic reputations?](#)



Se incorpora información sobre el usuario que menciona su número de seguidores (**autoridad**)

Filter by channel

- x  Tweets (856 )
-  Facebook pages (16)
-  Blog posts (14 )
-  Google+ posts (9)
-  News mentions (3)
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Filtramos Twitter

# Componentes del perfil




## ■ PUBLICATIONS: la producción académica de un autor



Número total de **publicaciones** en el **perfil**, ordenadas por número de **menciones**

48 PUBLICATIONS

+ Add publications

 The counting house, measuring those who count: Presence of Bibliometrics, Scientometrics, Informetrics, Webometrics and Altmetrics in Google Scholar Citations, ResearcherID, ResearchGate, Mendeley, & Twitter [full text]

2016

294     



Menciones y fuentes por documento

 Do ResearchGate Scores create ghost academic reputations?


2017 *Scientometrics*

159     

 Methods for estimating the size of Google Scholar [full text]

2015 *Scientometrics*

135     

 Can we use Google Scholar to identify highly-cited documents?


2017 *Journal of Informetrics*

66   



Tipologías documentales


Filter by genre

 working papers (5)

 articles (39)

 conference paper (1)

 reports (2)

 book (1)

Coauthors

Emilio Delgado Lopez-Cozar

Alberto Martín-Martín

Juan Manuel Ayllón

Anne-Wil Harzing

Eva Méndez



Coautores con perfil




- PUBLICATIONS: la producción académica de un autor

## Do ResearchGate Scores create ghost academic reputations?

Orduna-Malea, E., Martín-Martín, A., Thelwall, M., Delgado López-Cózar, E.  
2017 *Scientometrics* [↗](#)








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### SAVED AND SHARED 159 TIMES

 [+ 14 tweets](#) [click to show](#)  
4 days ago

 [Robin des bois ou rogue open access ? Les réseaux sociaux académiques en 2017](#)  
4 days ago by [URFIST Info](#)  
[Do ResearchGate Scores create ghost academic reputations?](#)

### Filter by activity

-  Tweets (148 )
-  Facebook pages (5)
-  Blog posts (4 )
-  Google+ posts (1)
-  Reddit posts (1)

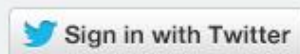
# Microsoft Academic





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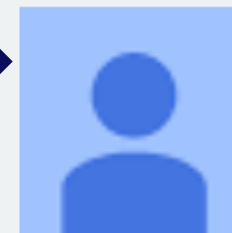
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### Create your profile

To enable you to follow and claim academic entities (authors, papers, etc.), you first need to create a Microsoft Academic profile.

Your user information may be used to help suggest academic authors and publications for you to claim.



First name

Emilio

Last name

Delgado López-Cózar

E-mail

romibochi17@gmail.com

Create a unique user name

EmilioDelgadoLopezCozar



Búsqueda



Microsoft Academic  Biredial2017



Emilio Delgado López-Cózar (Biredial2017)



Nombre perfil



Nombre usuario

Elementos



- PROFILE
- AUTHORS
- PAPERS

Filtros




- Co-authors  
No co-authors found for this author
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No affiliations found for this author
- Research Topics  
No fields of study found for this author
- Published In Journals  
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## ■ PROFILE: descripción del autor

Edit Profile



**Upload Image**

FIRST NAME  
Emilio

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Delgado López-Cózar

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ABOUT (Limit 800 characters)

WEBSITES (enter fully qualified URI and press enter, e.g. http://www.microsoft.com)  
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Research Interests

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**Vocabulario controlado**

Please select an item from the list.

- Find fields of study
- bibliography
- bibliometrics
- library classification
- bibliographic ontology



- AUTHOR: reclamación y verificación de autoría

Búsqueda de variantes  
(autor; keyword; título)

The screenshot shows the 'Manage Authors' page in Microsoft Academic. The browser address bar displays 'https://academic.microsoft.com/#/settings/authors'. The page header includes the Microsoft Academic logo and the text 'Manage Authors View the authors you have claimed and claim any new authors listed.' A search bar is located at the top right of the main content area, containing the text 'E Delgado López-Cózar'. A dark blue arrow points from the text 'Búsqueda de variantes (autor; keyword; título)' to this search bar. Below the search bar, a dropdown menu is open, displaying several search results for author variants, each preceded by a person icon:

- e delgado lopezcozar** (highlighted in blue)
- delgado lopezcozar e
- e delgadolopezcozar
- e orduna malea enrique martin martin alberto ayllon juan m delgado lopez cozar emilio la revolucion google scholar destapando la caja de pandora academica
- e la investigacion en biblioteconomia y documentacion e delgado lopez cozar



## ■ AUTHOR: reclamación y verificación de variantes de autor

Buscar

1-8 of 123 results (4.8 seconds) Sort by: Relevance ▼

Date Range  
1984 ▼ to 2017 ▼

Author

- Emilio Delgado-López-Cózar
- Daniel Torres-Salinas
- Álvaro Cabezas-Clavijo
- Rafael Ruiz-Pérez

### Google Scholar Metrics: una herramienta poco fiable para la evaluación de revistas científicas

2012, *Profesional De La Informacion*, volume 21, issue 4, pp 419-427  
Emilio Delgado-López-Cózar (University of Granada), Álvaro Cabezas-Clavijo (University of Granada)

We introduce Google Scholar Metrics ( GSM ), a new bibliometric product of Google that aims at providing the H-index for scientific journals and other information sources. We

[Citations \(28\) \\*](#) [Download](#) [Share](#)



### Google Scholar Metrics: una herramienta poco fiable para la evaluación de revistas científicas

Jul 1st 2012, *Profesional De La Informacion*, volume 21, issue 4, pp 419-427, DOI: 10.3145/epi.2012.jul.15  
Emilio Delgado-López-Cózar (University of Granada), Álvaro Cabezas-Clavijo (University of Granada)

We introduce Google Scholar Metrics ( GSM ), a new bibliometric product of Google that aims at providing the H-index for scientific journals and other information sources. We conduct a critical review of GSM showing its main characteristics and possibilities as a tool for scientific evaluation. We discuss its coverage along with the inclusion of repositories, bibliographic control, and its options for browsing and searching. We conclude that, despite Google Scholar 's value as a source for scientific assessment, GSM is an immature product with many shortcomings, and therefore we advise against its use for evaluation purposes. However, the improvement of these shortcomings would place GSM as a serious competitor to the other existing products for evaluating scientific journals.

23 REFERENCES      28 CITATIONS\*      RELATED PUBLICATIONS

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## ■ PAPER: reclamación y verificación de autoría de artículos

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View the papers you have claimed.

Google Scholar Citations

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- google scholar citations and google web url citations a multi discipline exploratory analysis
- google scholar citations y la emergencia de nuevos actores en la evaluacion de la investigacion
- google scholar citations



Filtrado

Identificación automática de entidades

Date Range  
2012 to 2012

**Author**

- Daniel Torres-Salinas
- Álvaro Cabezas-Clavijo
- Daniel Torres Salinas
- Alvaro Cabezas Clavijo

**Affiliation**

- University of Granada
- University of Navarra
- Grupo México

**Field Of Study**

- Cartography
- World Wide Web
- Geography

Google scholar citations y la emergencia de nuevos actores en la evaluación de la investigación

2012, Álvaro Cabezas-Clavijo (University of Granada), Daniel Torres-Salinas (University of Navarra)

Se presenta el nuevo producto de Google dirigido a investigadores, Google scholar citations , que intenta trazar el perfil bibliometrico de los investigadores y provee

Citations (11) \* Download Share

"Google Scholar citations" y la emergencia de nuevos actores en la evaluación de la investigación

2012, Alvaro Cabezas Clavijo (University of Granada), Daniel Torres Salinas (Grupo México)

Fields of study: cartography

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Microsoft Academic  EnriqueOrdunaMalea



Enrique Orduña-Malea (EnriqueOrdunaMalea)

University of Granada

Research Interests: Bibliometrics, Scientometrics, Search Engine, Webometrics

Past Affiliations: Polytechnic University of Valencia

- PROFILE
- AUTHORS
- PAPERS

113 PAPERS 232 CITATIONS\*

## Top Publications

### Methods for estimating the size of Google Scholar

2015, *Scientometrics*, volume 104, issue 3, pp 931-949

Enrique Orduña-Malea (Polytechnic University of Valencia), Juan Manuel Ayllón (University of Granada), Alberto Martín-Martín (University of Granada), Emilio Delgado López-Cózar (University of Granada)

The emergence of academic search engines (mainly Google Scholar and Microsoft Academic Search) that aspire to index the entirety of current academic knowledge has revived and increased interest in the size of the academic web. The main objective of this paper is

## Co-authors

- Emilio Delgado López-Cózar
- Alberto Martín-Martín
- Juan Manuel Ayllón
- Isidro F. Aguillo
- Jorge Serrano-Cobos
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## Methods for estimating the size of Google Scholar

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Sep 1st 2015, *Scientometrics*, volume 104, issue 3, pp 931-949, DOI: 10.1007/s11192-015-1614-6

Enrique Orduña-Malea (Polytechnic University of Valencia), Juan Manuel Ayllón (University of Granada), Alberto Martín-Martín (University of Granada), Emilio Delgado López-Cózar (University of Granada)

The emergence of academic search engines (mainly Google Scholar and Microsoft Academic Search) that aspire to index the entirety of current academic knowledge has revived and increased interest in the size of the academic web. The main objective of this paper is to propose various methods to estimate the current size (number of indexed documents) of Google Scholar (May 2014) and to determine its validity, precision and reliability. To do this, we present, apply and discuss three empirical methods: an external estimate based on empirical studies of Google Scholar coverage, and two internal estimate methods based on direct, empty and absurd queries, respectively. The results, despite providing disparate values, place the estimated size of Google Scholar at around 160---165 million documents. However, all the methods show considerable limitations and uncertainties due to inconsistencies in the Google Scholar search functionalities.

69 REFERENCES

31 CITATIONS\*

RELATED PUBLICATIONS



**Extracción**  
de referencias

**Estimación**  
de citas

**Identificación y**  
**recomendación de**  
publicaciones






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 [Enrique Orduña-Malea](#)  
*Polytechnic University of Valencia*

*93 papers - 209 citations*

**Fields of Study:** World Wide Web, Computer Science, Data Mining, Information Retrieval, Webometrics

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*1 papers - 3 citations*

**Fields of Study:** Computer Science, Data Mining, World Wide Web, Multimedia

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Influence of WCAG rules on academic websites rankings: A correlation study between accessibility and quantitative webometrics

*Jan 1 2011,*

*Miguel Sánchez-Cervillo, Enrique Orduña-Malea*

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Análisis de la correlación entre la audiencia web de los medios digitales de prensa española y su visibilidad en gestores sociales de noticias [Analysis of the correlation between digital spanish press media and its visibility in social news managers]

*Jan 1 2010,*

*Enrique Orduña-Malea*

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00 FIELD OF STUDY

00 AUTHOR

00 PAPER

00 CONFERENCE

00 JOURNAL

00 ORGANIZATION



## Scientometrics

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**Description:** Scientometrics is a peer-reviewed academic journal in the field of scientometrics. The journal publishes original studies, short communications, preliminary reports, review papers, letters to the editor and book reviews on scientometrics. It is published by Akadémiai Kiadó (not an "academy" in the sense of learned society, but an editing house) and Springer Science+Business Media and was established in 1978. According to the Journal Citation Reports, the journal has a 2015 impact factor of 2.084.

**Websites:** [www.springer.com](http://www.springer.com), [en.wikipedia.org](http://en.wikipedia.org), [bing.com](http://bing.com)

### Top Fields of Study

Computer Science  
World Wide Web  
Operations Research  
Social Science  
Data Mining  
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### Top Authors

Wolfgang Glänzel  
Anthony F. J. van Raan  
Loet Leydesdorff  
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### Top Affiliations

Leiden University  
Katholieke Universiteit Leuven  
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### Related Journals

Journal of the Association for Information Science and Technology  
Journal of Informetrics  
Proceedings of the National Academy of Sciences of the United States of America  
PLOS ONE  
Siam Review  
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## Citation review of Lagergren kinetic rate equation on adsorption reactions

2004, *Scientometrics*, volume 59, issue 1, pp 171-177

Yuh Shan Ho (Taipei Medical University)

This study presents a literature review concerning the preciseness of over 170 publications citing the original Lagergren's paper in kinetics equation for solute adsorption on various



**Artículo más  
citado de la  
revista**

**1228 citas reclamadas  
775 citas devueltas**



## Leiden University

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**About:** Leiden University (abbreviated as LEI; Dutch: Universiteit Leiden), located in the city of Leiden, is the oldest university in the Netherlands. The university was founded in 1575 by William, Prince of Orange, leader of the Dutch Revolt in the Eighty Years' War. The Dutch Royal Family and Leiden University still have a close relationship; Queens Juliana and Beatrix and King Willem-Alexander are former students. The university came into particular prominence during the Dutch Golden Age, when scholars from around Europe were attracted to the Dutch Republic due to its climate of intellectual tolerance and Leiden's international reputation. During this time Leiden was home to such figures as René Descartes, Rembrandt, Christiaan Huygens, Hugo Grotius, Baruch Spinoza and Baron d'Holbach.

**Websites:** 🌐 [www.universiteitleiden.nl](http://www.universiteitleiden.nl), ⓘ [en.wikipedia.org](https://en.wikipedia.org), ⓘ [bing.com](https://bing.com)

### 📖 Top Fields of Study

Medicine

Pathology

Biology

Surgery

Genetics

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### 👤 Top Authors

Jeroen J. Bax

Udo Sechtem

Christian Funck-Brentano

Veronica Dean

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### 📍 Top Conferences

MIR: Multimedia Information Retrieval

WebSci: Web Science

PPSN: Parallel Problem Solving from Nature

CEC: Congress on Evolutionary Computation

KDD: Knowledge Discovery and Data Mining

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### 📖 Top Journals

European Heart Journal

The Lancet

Annals of the Rheumatic Diseases

Nature

The New England Journal of Medicine

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### 🏛️ Related Affiliations

Harvard University

National Institutes of Health

University of Oxford

French Institute of Health and Medical Research

Mayo Clinic

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## The Strengthening the Reporting of Observational Studies in Epidemiology (STROBE) Statement: guidelines for reporting observational studies\*

2007, *BMJ*, volume 335, issue 7624, pp 806-808

Erik von Elm (University of Bern), Douglas G. Altman (University of Oxford), Matthias Egger (University of Bern), Stuart J. Pocock (University of London), Peter C. Gøtzsche (Cochrane Collaboration) + 1 other

Much biomedical research is observational. The reporting of such research is often inadequate, which hampers the assessment of its strengths and weaknesses and of a

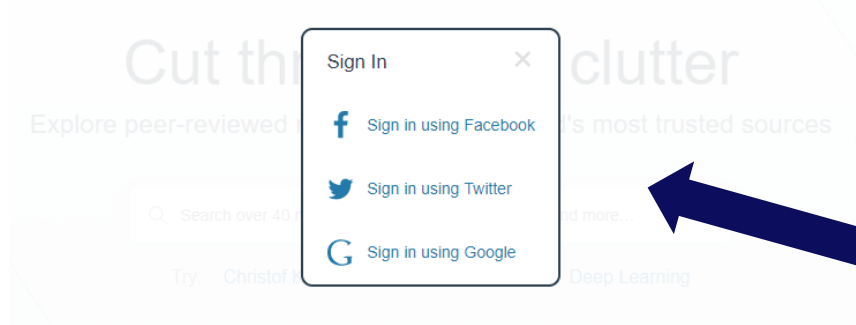


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# Semantic Scholar



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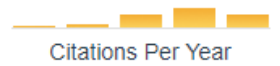


**Enrique Orduña-Malea**

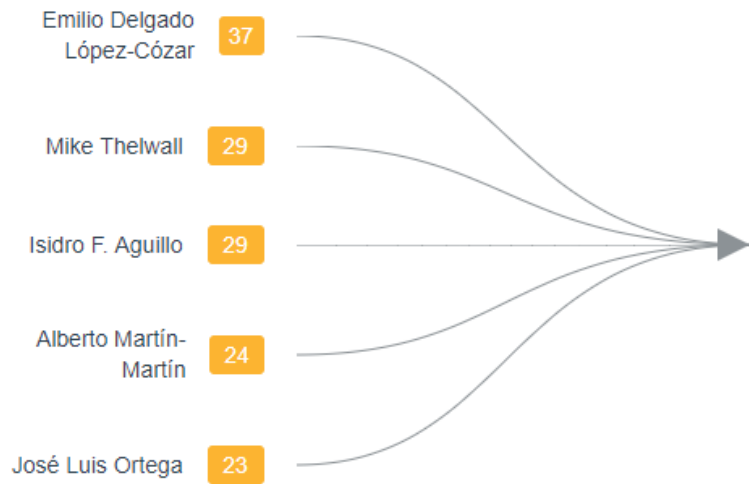
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2

Highly Influential Citations

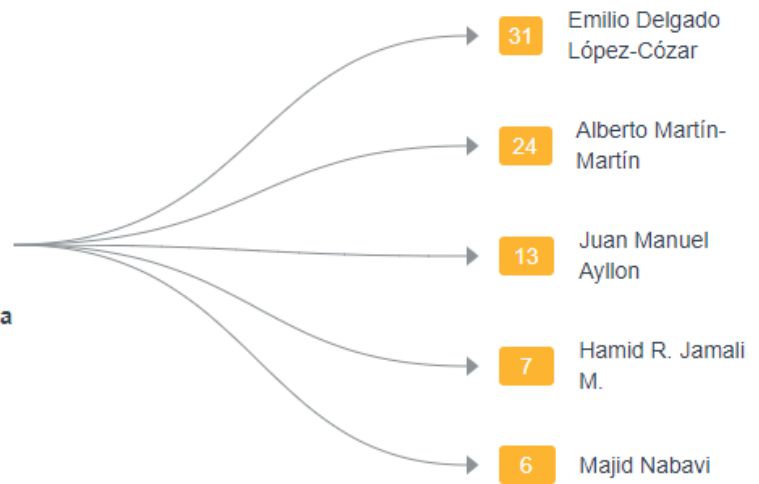


Authors who most influenced Enrique Orduña-Malea:



  
Enrique Orduña-Malea

Authors most influenced by Enrique Orduña-Malea:



- ✓ Los perfiles son creados de forma automática a partir de la información almacenada en la base de datos
- ✓ Las métricas y recomendaciones se extraen a partir de la aplicación de técnicas de Inteligencia Artificial





# Perfil académico: métricas

Filtrado de resultados



Filter Results:

Full text PDF available (25)

Publication Year ^

This year (5)  
Last 5 years (36)  
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Publication Type ∨

Co-author ∨

Journals and Conferences ∨

Key Phrases ∨

Filtros por métrica para el conjunto de publicaciones



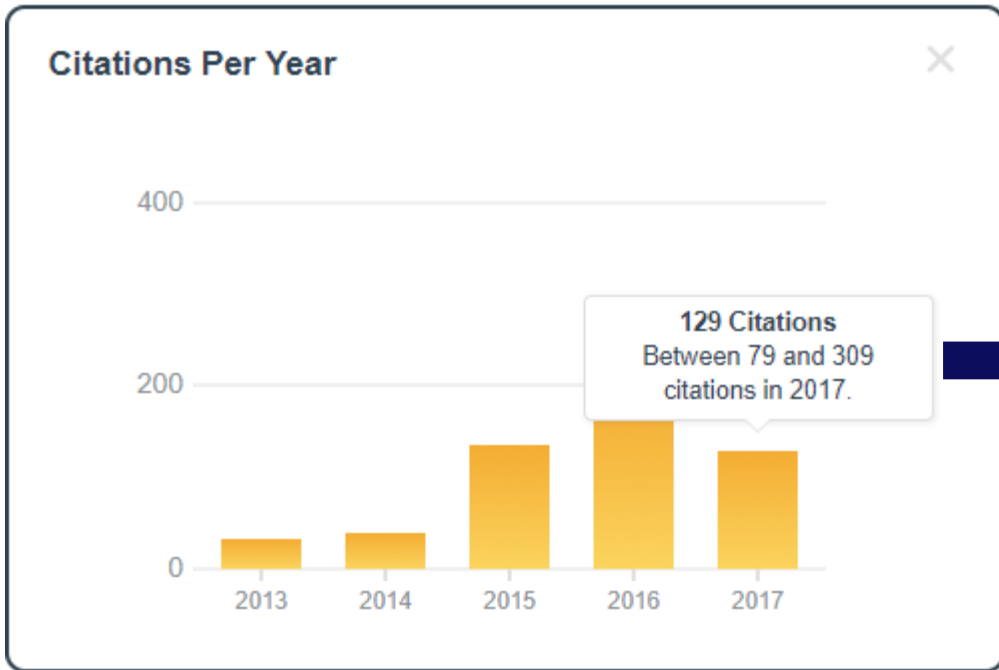
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Alberto Martín-Martín, Enrique Orduña-Malea, Juan Manuel Ayllón, Emilio Delgado López-Cózar • ArXiv • 2014  
ABSTR The study of objective of th languages, the that hopefully The decalogue 1. Which ar 2. Which ar 3. What lan 4. How man a. Wh b. Wh 5. How man 6. Is there a citations 7. How man 8. Is there a received 9. Is there engine re 10. Is there citations To answer the year (from 19 for any given and 35,182,07 Full raw data a RACT highly cited doc his work is... (More)  
2 26 | [View on ArXiv](#) [Related Publications](#) More...

[About the size of Google Scholar: playing the numbers](#)  
Enrique Orduña-Malea, Juan Manuel Ayllón, Alberto Martín-Martín, Emilio Delgado López-Cózar • ArXiv • 2014  
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[Google Scholar Metrics evolution: an analysis according to languages](#)  
Enrique Orduña-Malea, Emilio Delgado López-Cózar • Scientometrics • 2013  
In November 2012 the Google Scholar Metrics (GSM) journal rankings were updated, making it possible to compare bibliometric indicators in the ten languages indexed—and their stability—with the April 2012 version. The h-index and h-5 median of 1,000 journals were analysed, comparing their averages, maximum and minimum values and the correlation coefficient... (More)  
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# Author-level metrics



**Estimación de citas**



# Article-level metrics

## Does Google Scholar contain all highly cited documents (1950-2013)?

Alberto Martín-Martín, Enrique Orduña-Malea, Juan Manuel Ayllon, Emilio Delgado López-Cózar

Published 2014 in ArXiv

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**12 citas encontradas**

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Sort by: **Influence** ▾

Showing 1-10 of 12 extracted citations ?

Open access and sources of full-text articles in Google Scholar in different subject fields  
[Hamid R. Jamali M.](#), [Majid Nabavi](#) • *Scientometrics* • 2015

Normalizing Google Scholar data for use in research evaluation  
[John Mingers](#), [Martin Meyer](#) • *Scientometrics* • 2017

Analyzing the disciplinary focus of universities: Can rankings be a one-size-fits-all?  
[Nicolas Robinson-Garcia](#), [Evaristo Jiménez-Contreras](#) • *ArXiv* • 2017

**Highly Influenced** ≡ 7 Excerpts

**Highly Influenced** ≡ 3 Excerpts

**Influencia del artículo citado en artículos citantes**



# Article-level metrics

Does Google Scholar contain all highly cited documents (1950-2013)?

Alberto Martín-Martín, Enrique Orduña-Malea, Juan Manuel Ayllon, Emilio Delgado López-Cózar  
Published 2014 in ArXiv

Datos extraídos

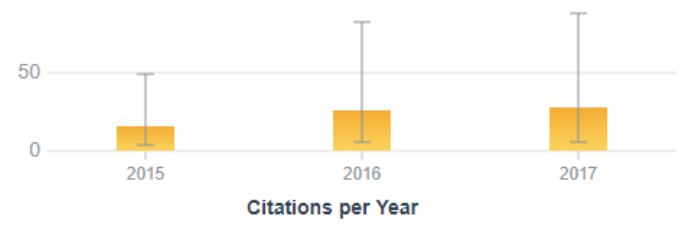


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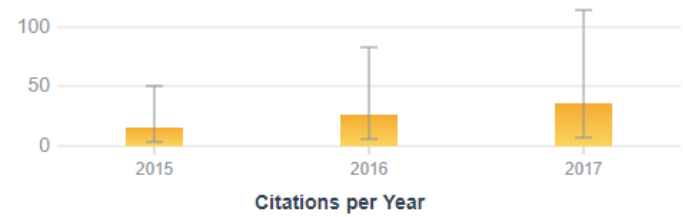
Recomendaciones

Métricas



Citas

63 citas estimadas



Velocidad de citación

26 citas

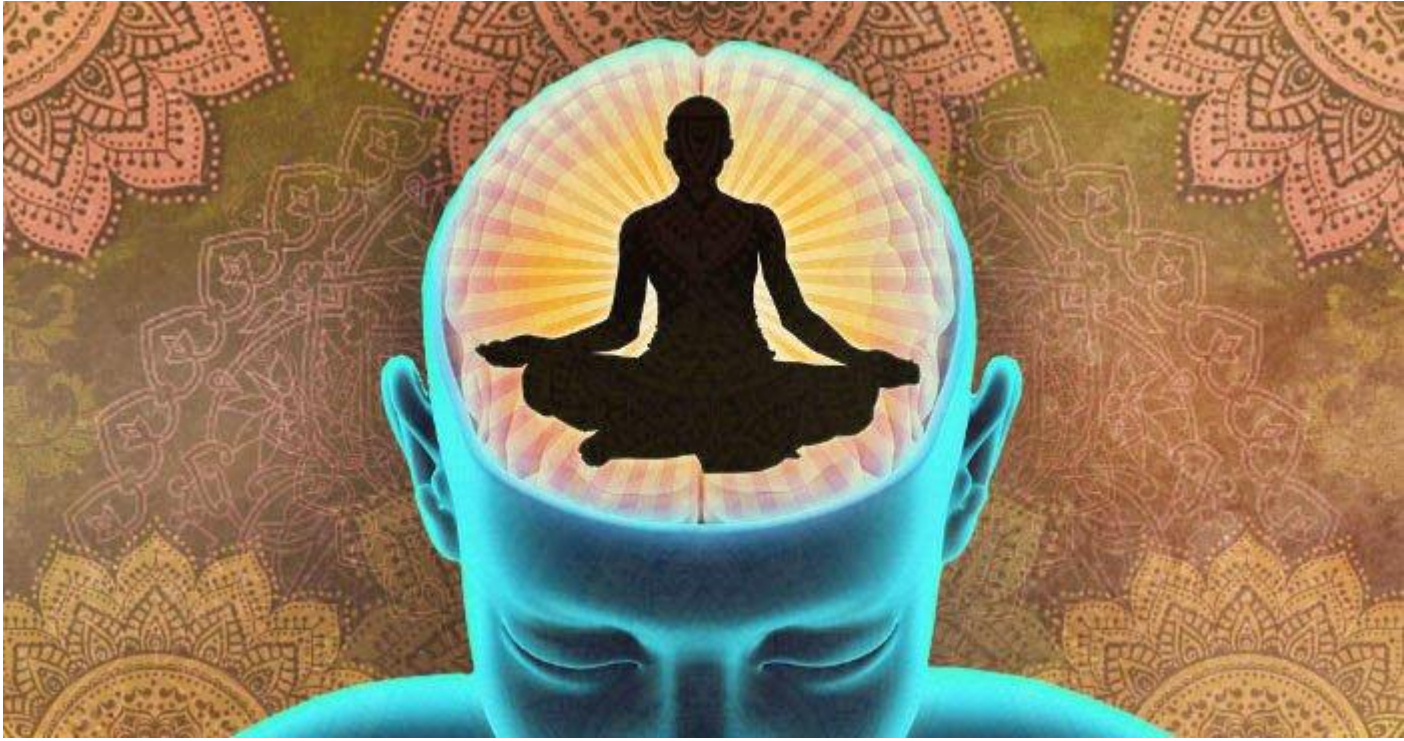


Aceleración de la citación

+16%



- En la actualidad únicamente incluye artículos publicados en **inglés**
- Incluye artículos en las áreas de **Computer Science** y **Neuroscience**
- El número de citas es **estimado** a partir de un modelo estadístico. Se excluyen citas procedentes de “revistas oscuras”, aunque no se especifican los criterios para clasificar las citas “verdaderas”
- Nuevas **métricas** (basadas en contabilización de citas estimadas)
  - ✓ **Citation velocity**: promedio de citas en los últimos 3 años
  - ✓ **Citation acceleration**: tasa de variación de la velocidad de citación en los últimos dos años
  - ✓ **Highly influential citations**: se consideran muchos factores como el número de citas o el **contexto** de la citación



**Si has llegado hasta aquí...**

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**Pero...**

**No servirá **de nada** si no tienes algo que decir**

# Muchas gracias por vuestra atención!

Enrique Orduña Malea

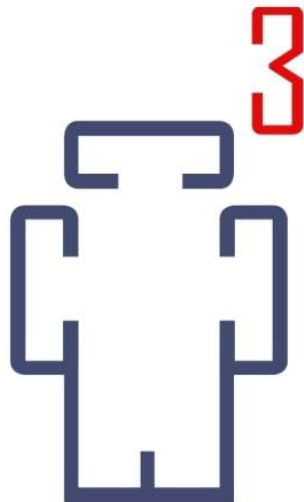
eorduna@ugr.es

Alberto Martín Martín

albertomartin@ugr.es

Emilio Delgado López-Cózar

edelgado@ugr.es



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