Curso: Comunicación Científica: presentación pública de resultados científicos. Artículos, libros, congresos y patentes.

Artículos: Revistas

José Manuel Juárez Herrero
José Tomás Palma Méndez

UNIVERSIDAD DE MURCIA

Mayo de 2017

Escuela Internacional de Doctorado Universidad de Murcia EIDUM

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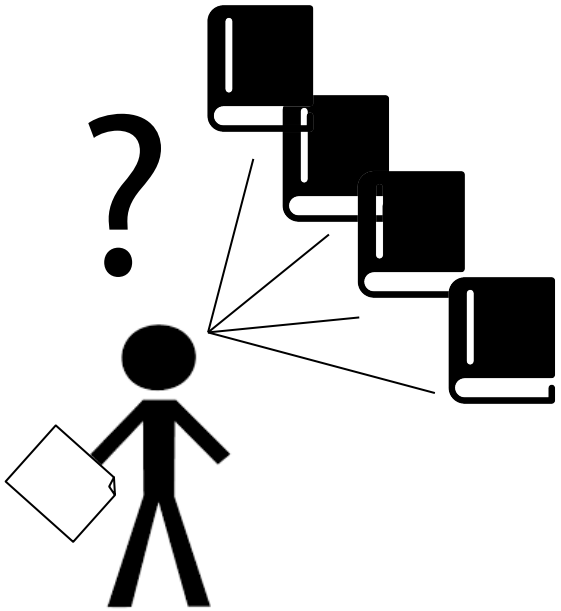
REVISTAS



Artículos: Revistas

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INDICE GENERAL:

1. Revistas (la web)
2. Calidad de la revista
3. Buscar revistas
4. Impacto 'activo'
5. Identificaciones

Comunicación Científica: ARTÍCULOS

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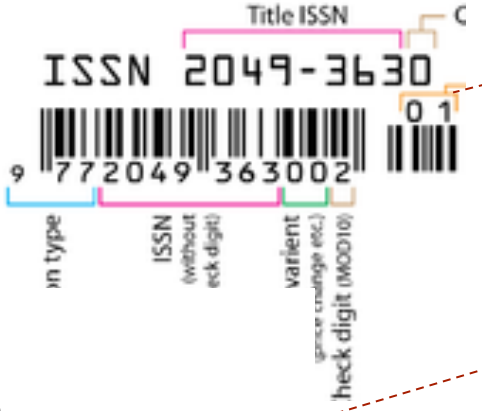
Básico en una revista:

ISSN
TOPICS
"MOST…"
OPEN



Particular attention is given to:
- AI-based clinical **decision making**
- **Medical knowledge engineering**
- Knowledge-based and agent-based systems
- **Computational intelligence** in bio- and clinical medicine
- **Intelligent medical information systems**
- AI in medical education
- **Intelligent devices** and instruments
- **Automated reasoning** and metareasoning in medicine

"Most-articles"
Lo que esperan recibir

Política de Acceso Libre (condiciones)

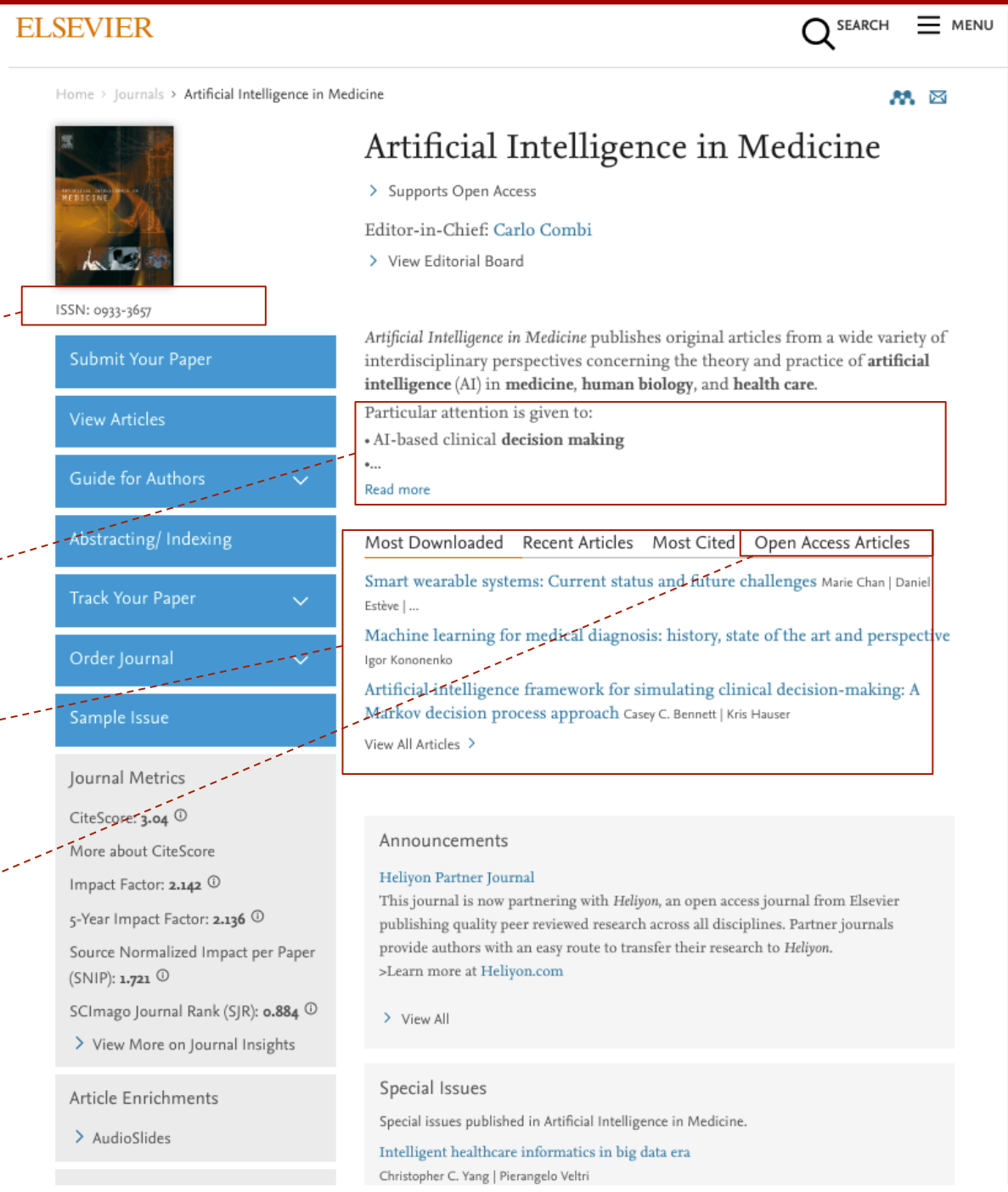
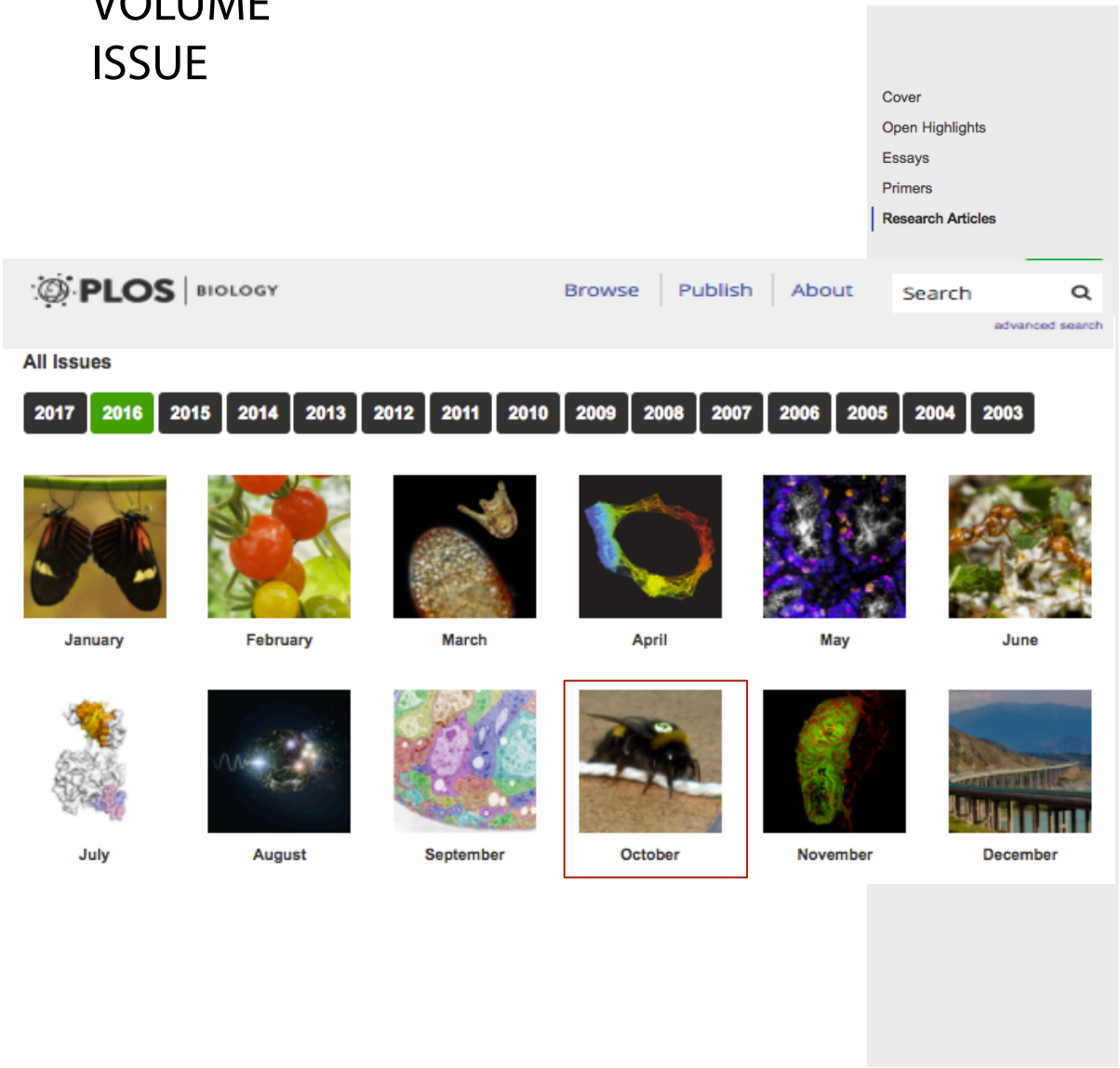


Figura ISSN de Wikipedia
https://en.wikipedia.org/wiki/File:Issn-barcode-explained.png
Web revista:
https://www.journals.elsevier.com/artificial-intelligence-in-medicine/

Básico en una revista:

VOLUME

ISSUE



Research Articles

Large Variations in HIV-1 Viral Load Explained by Shifting-Mosaic Metapopulation Dynamics

Katrina A. Lythgoe, François Blanquart, Lorenzo Pellis, Christophe Fraser

PLOS Biology: published October 5, 2016 | https://doi.org/10.1371/journal.pbio.1002567

Selection Transforms the Landscape of Genetic Variation Interacting with Hsp90

Kerry A. Geiler-Samerotte, Yuan O. Zhu, Benjamin E. Goulet, David W. Hall, Mark L. Siegal

PLOS Biology: published October 21, 2016 | https://doi.org/10.1371/journal.pbio.2000465

Related Articles

Modifiers of the Genotype–Phenotype Map: Hsp90 and Beyond

Associative Mechanisms Allow for Social Learning and Cultural Transmission of String Pulling in an Insect

Sylvain Alem, Clint J. Perry, Xingfu Zhu, Olli J. Loukola, Thomas Ingraham, Eirik Søvik, Lars Chittka

PLOS Biology: published October 4, 2016 | https://doi.org/10.1371/journal.pbio.1002564

Related Articles

A Swarm of Bee Research

Correction: Associative Mechanisms Allow for Social Learning and Cultural Transmission of String Pulling in an Insect

Visual BOLD Response in Late Blind Subjects with Argus II Retinal Prosthesis

E. Castaldi, G. M. Cicchini, L. Cinelli, L. Biagi, S. Rizzo, M. C. Morrone

PLOS Biology: published October 25, 2016 | https://doi.org/10.1371/journal.pbio.1002569

Brain Connectivity Predicts Placebo Response across Chronic Pain Clinical Trials

Pascal Tétreault, Ali Mansour, Etienne Vachon-Presseau, Thomas J. Schnitzer, A. Vania Apkarian, Marwan N. Baliki

PLOS Biology: published October 27, 2016 | https://doi.org/10.1371/journal.pbio.1002570

Related Articles

Putting placebos to the test

A Neural Code That Is Isometric to Vocal Output and Correlates with Its Sensory Consequences

Alexei L. Vyssotski, Anna E. Stepien, Georg B. Keller, Richard H. R. Hahnloser

PLOS Biology: published October 10, 2016 | https://doi.org/10.1371/journal.pbio.2000317

Básico en una revista:

DOI

TIEMPOS DE RESPUESTA

Citation: Tétreault P, Mansour A, Vachon-Presseau E, Schnitzer TJ, Apkarian AV, Baliki MN (2016) Brain Connectivity Predicts Placebo Response across Chronic Pain Clinical Trials. PLoS Biol 14(10): e1002570. doi:10.1371/journal.pbio.1002570

Academic Editor: Tor D. Wager, University of Colorado Boulder, UNITED STATES

Received: January 25, 2016

Accepted: September 23, 2016

Published: October 27, 2016

PLOS | BIOLOGY

RESEARCH ARTICLE

Brain Connectivity Predicts Placebo Response across Chronic Pain Clinical Trials

Pascal Tétreault[1], Ali Mansour[1], Etienne Vachon-Presseau[1], Thomas J. Schnitzer[2,3], A. Vania Apkarian[1,2,4]*, Marwan N. Baliki[2,5]*

1 Department of Physiology, Northwestern University, Feinberg School of Medicine, Chicago, Illinois, United States of America, **2** Department of Physical Medicine and Rehabilitation, Northwestern University, Feinberg School of Medicine, Chicago, Illinois, United States of America, **3** Department of Internal Medicine, Northwestern University, Feinberg School of Medicine, Chicago, Illinois, United States of America, **4** Department of Anesthesia, Northwestern University, Feinberg School of Medicine, Chicago, Illinois, United States of America, **5** Rehabilitation Institution of Chicago, Chicago, Illinois, United States of America

* a-apkarian@northwestern.edu (AVA); marwanbaliki2008@u.northwestern.edu (MNB)

OPEN ACCESS

Citation: Tétreault P, Mansour A, Vachon-Presseau E, Schnitzer TJ, Apkarian AV, Baliki MN (2016) Brain Connectivity Predicts Placebo Response across Chronic Pain Clinical Trials. PLoS Biol 14(10): e1002570. doi:10.1371/journal.pbio.1002570

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Published: October 27, 2016

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Data Availability Statement: All data will be made available on the data sharing website openfmri.org with the accession number ds000208 (url: https://openfmri.org/dataset/ds000208/).

Funding: Eli Lilly Pharmaceuticals funded study 2 (IIT number: F1J-US-X061). This research was partially also supported by grants from National Institute of Neurological Disorders and Stroke, ninds.nih.gov (NS035115), and National Center for Complementary and Integrative Health, nccih.nih.gov (AT007987) of the US National Institutes of Health. PT and EVP were supported by

Abstract

Placebo response in the clinical trial setting is poorly understood and alleged to be driven by statistical confounds, and its biological underpinnings are questioned. Here we identified and validated that clinical placebo response is predictable from resting-state functional magnetic-resonance-imaging (fMRI) brain connectivity. This also led to discovering a brain region predicting active drug response and demonstrating the adverse effect of active drug interfering with placebo analgesia. Chronic knee osteoarthritis (OA) pain patients ($n = 56$) underwent pretreatment brain scans in two clinical trials. Study 1 ($n = 17$) was a 2-wk single-blinded placebo pill trial. Study 2 ($n = 39$) was a 3-mo double-blinded randomized trial comparing placebo pill to duloxetine. Study 3, which was conducted in additional knee OA pain patients ($n = 42$), was observational. fMRI-derived brain connectivity maps in study 1 were contrasted between placebo responders and nonresponders and compared to healthy controls ($n = 20$). Study 2 validated the primary biomarker and identified a brain region predicting drug response. In both studies, approximately half of the participants exhibited analgesia with placebo treatment. In study 1, right midfrontal gyrus connectivity best identified placebo responders. In study 2, the same measure identified placebo responders (95% correct) and predicted the magnitude of placebo's effectiveness. By subtracting away linearly modeled placebo analgesia from duloxetine response, we uncovered in 6/19 participants a tendency of duloxetine enhancing predicted placebo response, while in another 6/19, we uncovered a tendency for duloxetine to diminish it. Moreover, the approach led to discovering that right parahippocampus gyrus connectivity predicts drug analgesia after correcting for modeled placebo-related analgesia. Our evidence is consistent with clinical placebo response having biological underpinnings and shows that the method can also reveal that active treatment in some patients diminishes modeled placebo-related analgesia.

Trial Registration ClinicalTrials.gov NCT02903238
ClinicalTrials.gov NCT01558700

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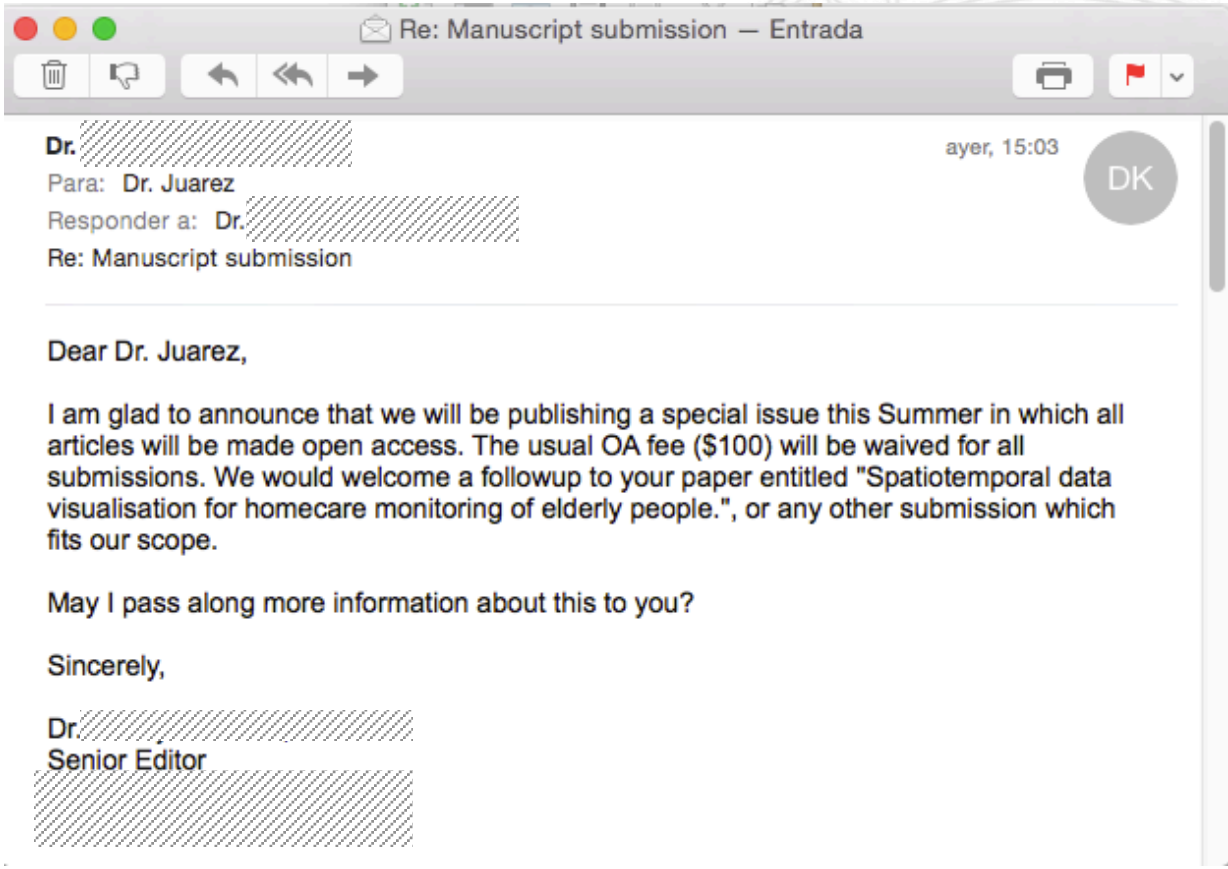
Calidad en Revistas: básico

REVISTA CONSOLIDADA EN EL AREA DE INVESTIGACIÓN

EDITORIAL/EDITORES DE PRESTIGIO

RANKINGS E IMPACTO

CONTRAEJEMPLO DE AYER



Re: Manuscript submission — Entrada

Dr. [redacted] ayer, 15:03

Para: Dr. Juarez

Responder a: Dr. [redacted]

Re: Manuscript submission

DK

Dear Dr. Juarez,

I am glad to announce that we will be publishing a special issue this Summer in which all articles will be made open access. The usual OA fee ($100) will be waived for all submissions. We would welcome a followup to your paper entitled "Spatiotemporal data visualisation for homecare monitoring of elderly people.", or any other submission which fits our scope.

May I pass along more information about this to you?

Sincerely,

Dr. [redacted]
Senior Editor
[redacted]

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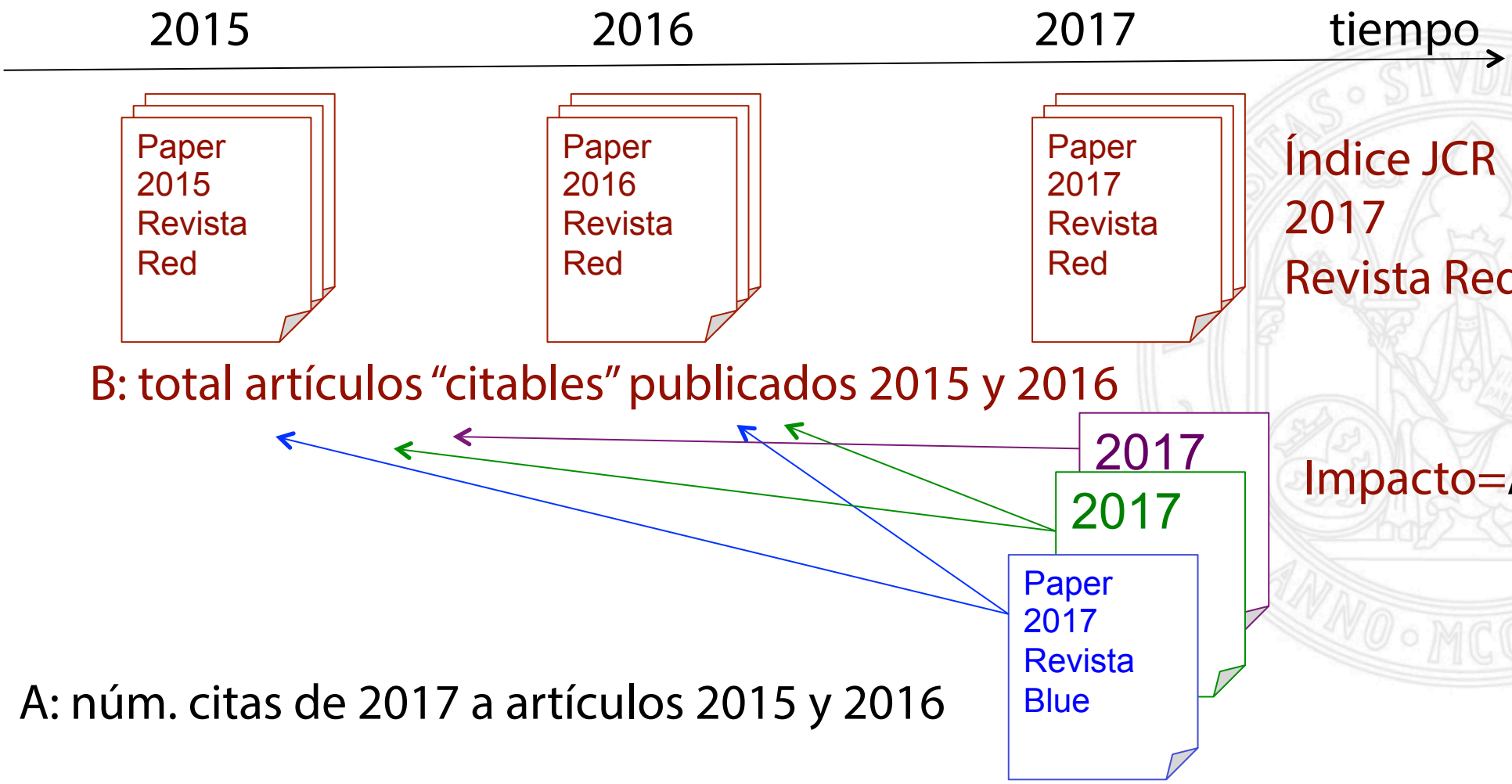
Calidad en Revistas: Índices de Impacto

MEDIDA DE FRECUENCIA DE CITAS PROMEDIO A LO LARGO DEL TIEMPO (AÑO)

MÁS FAMOSO: JCR Journal Citation Report (empresa Clarivate Analytics)



Fuente: the Thomson-Reuters Impact Factor: http://wokinfo.com/essays/impact-factor/

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Calidad en Revistas: Índices de Impacto

HAY QUE TENER EN CUENTA QUE:

- JCR IMPACTO: SENSIBLE AL VOLUMEN DE ARTÍCULOS Y VENTANA DE TIEMPO
- NÚMERO CITAS ≠ CALIDAD

OTRAS ALTERNATIVAS:

- SCR (SCImago Institution Rankings) JOURNAL RANK (Univ. españolas)
  - Igual que JCR: NUM CITAS / NUM ARTÍCULOS (misma ventana temporal)
  - No todas las citas son iguales: más importancia a revistas "más prestigiosas"
  - Todos los artículos (no solo los "citables")
  - Por naturaleza open-access: Scopus Database
- Google Scholar Metrics: h5-index.

Fuente: Nature.com http://www.nature.com/news/2008/080102/full/451006a.html

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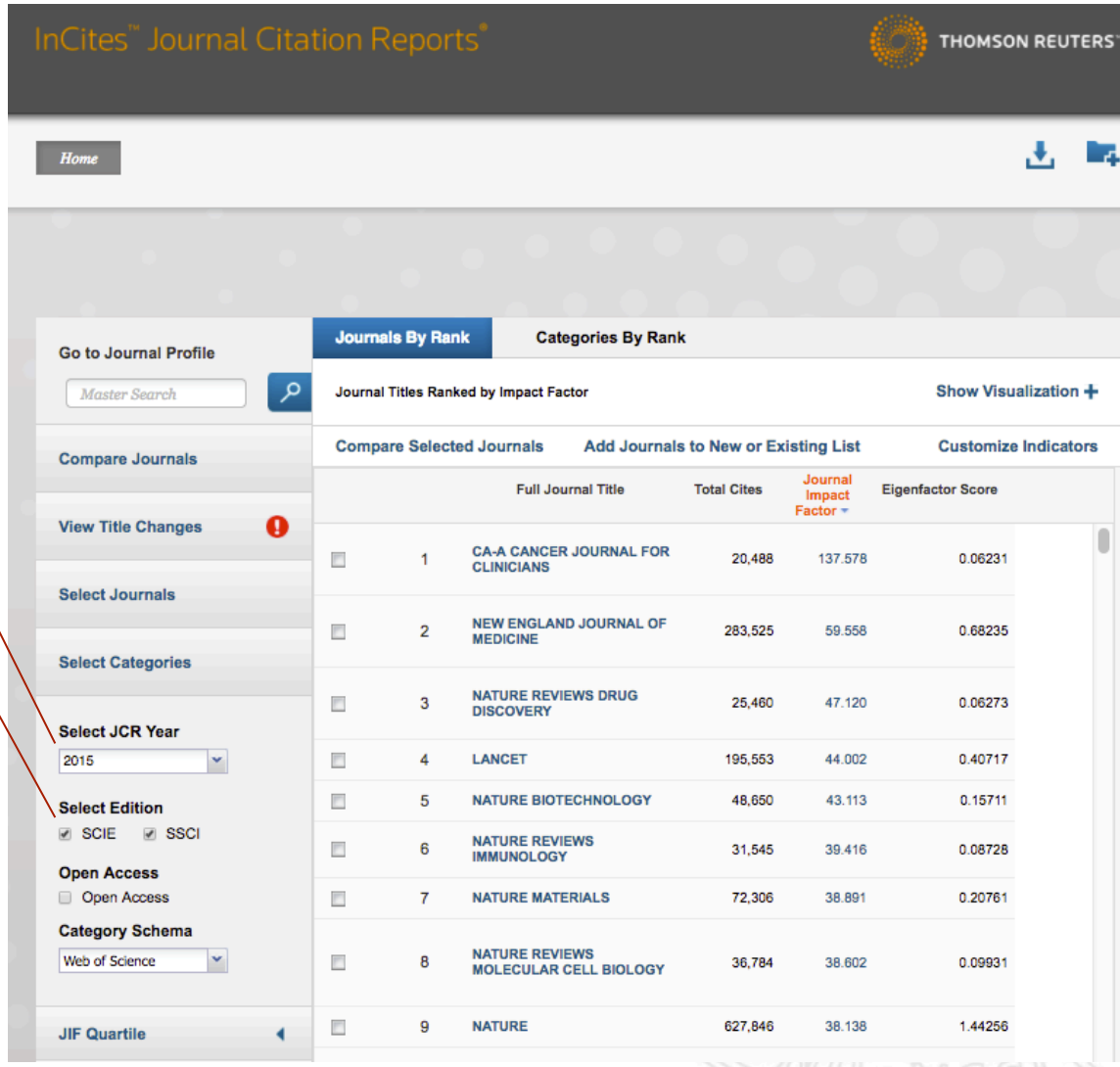
RANKINGS:

- Journal Citation Reports
  - Year (1997-2015)
  - Edition: SCIE and SSCI
  - Categories (227)
    - Chemistry, Analytical
    - Chemistry, Applied
    - Chemistry, Inorganic & Nuclear
    - Chemistry, Medicinal
    - Chemistry, Multidisciplinary
    - Chemistry, Organic
    - Chemistry, Physical
    - …
    - Computer Science, Artificial Int.
    - Computer Science, Cybernetics
    - Computer Science, Hardware & Arch.
    - Computer Science, Inf. Systems
    - Computer Science, Interdisciplinary Apps.
    - Computer Science, Software Engineering
    - Computer Science, Theory & Methods
    - …



www.accesowok.fecyt.es/jcr/

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Cuartil: Q1, Q2, Q3, Q4

	JCR	*Journal*	
	1.	Journal of Mistaken Research	Q1
25%	2.	Intl. Journal of Methodology	
	3.	Researching Research Journal	Q2
	4.	European Journal of Wrong Results	
50%	5.	PLOS two	Q3
	6.	New Scotland Journal	
	7.	Journal of Unconsistent Methods	Q4
	8.	Ignoble Prize Journal	

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Cuartil: Q1, Q2, Q3, Q4

EIDUM: requisitos en algunos programas

ANECA: acreditaciones

ANEP: sexenios

25%

1. Journal of Mistaken Research
2. Intl. Journal of Methodology

Q1

3. Researching Research Journal
4. European Journal of Wrong Results

Q2

50%

5. PLOS two
6. New Scotland Journal

Q3

7. Journal of Unconsistent Methods
8. Ignoble Prize Journal

Q4

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Bases de Datos: repositorios generales y buscadores

Base Datos / Buscador	Propietaria	Contiene
WOS (Web of Science)	Thomson Reuters	Integra: SCI, SSCI, A&HCI 93.000 revistas
Scopus	Ed. Elsevier	Integra: Elsevier, motor Scirus 15.000 revistas
PubMed	US National Library of Medicine	Integra: MEDLINE, etc.
Google Scholar	Google	N/A

FECYT FUNDACIÓN ESPAÑOLA PARA LA CIENCIA Y LA TECNOLOGÍA

Tutoriales y vídeos muy interesantes:
https://www.recursoscientificos.fecyt.es/servicios/formacion/material

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Bases de Datos: repositorios generales

WOS vs. Scopus

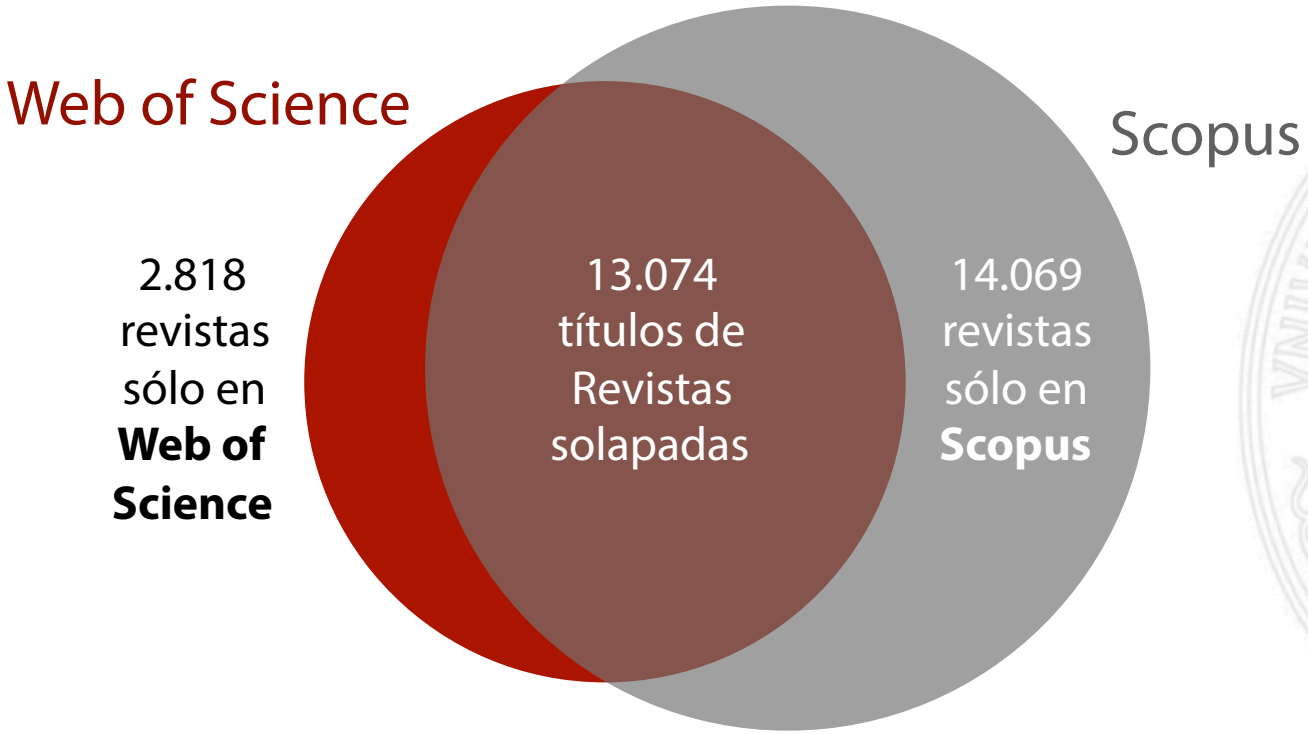

Figura de:
http://hlwiki.slais.ubc.ca/index.php/Scopus_vs._Web_of_Science

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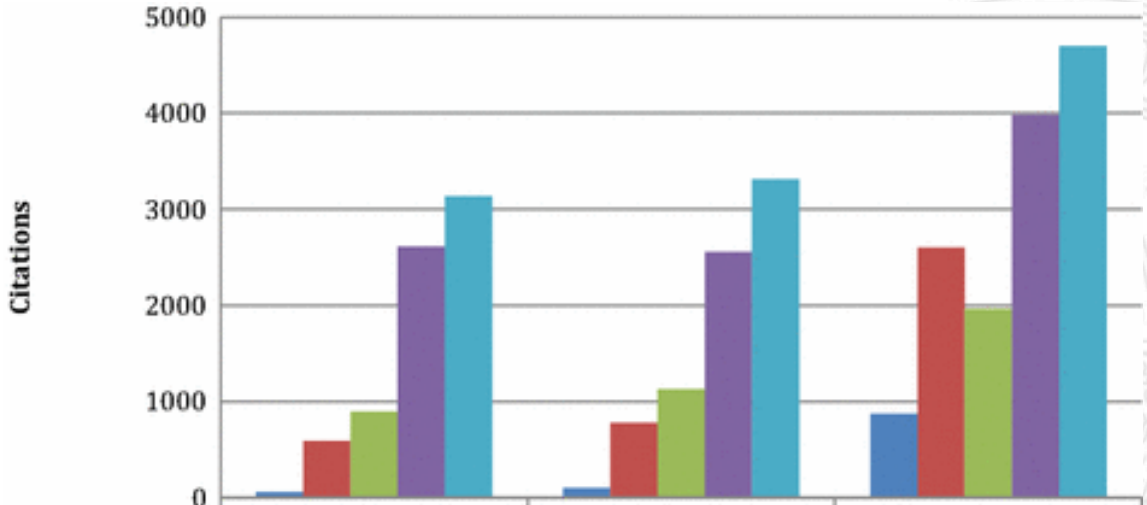
Bases de Datos: repositorios generales

Google Scholar vs. Scopus vs. WOS

Comparativa según disciplinas



	Web of Science	Scopus	Google Scholar
Humanities	61	100	871
Social Sciences	591	782	2604
Engineering	897	1132	1964
Sciences	2612	2558	3984
Life Sciences	3139	3313	4699

Fuentes:
Harzing & Alakangas. Google Scholar, Scopus and the Web of Science: a longitudinal and cross-disciplinary comparison. Scientometrics (2016) 106: 787.

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Bases de Datos: búsqueda en editoriales especializadas

Más detalles:
Actividad EIDUM: *"Metodología de Investigación en Ingeniería y Arquitectura"*.
(o similar) Prof. Pedro M. Ruiz

Base Datos	Información
ACM Digital Library	http://dl.acm.org/
IEEE Explore	http://ieeexplore.ieee.org
Science Direct	http://www.sciencedirect.com
Springer Link	http://www.springerlink.com
Wiley Inter-Science	http://www.interscience.wiley.com

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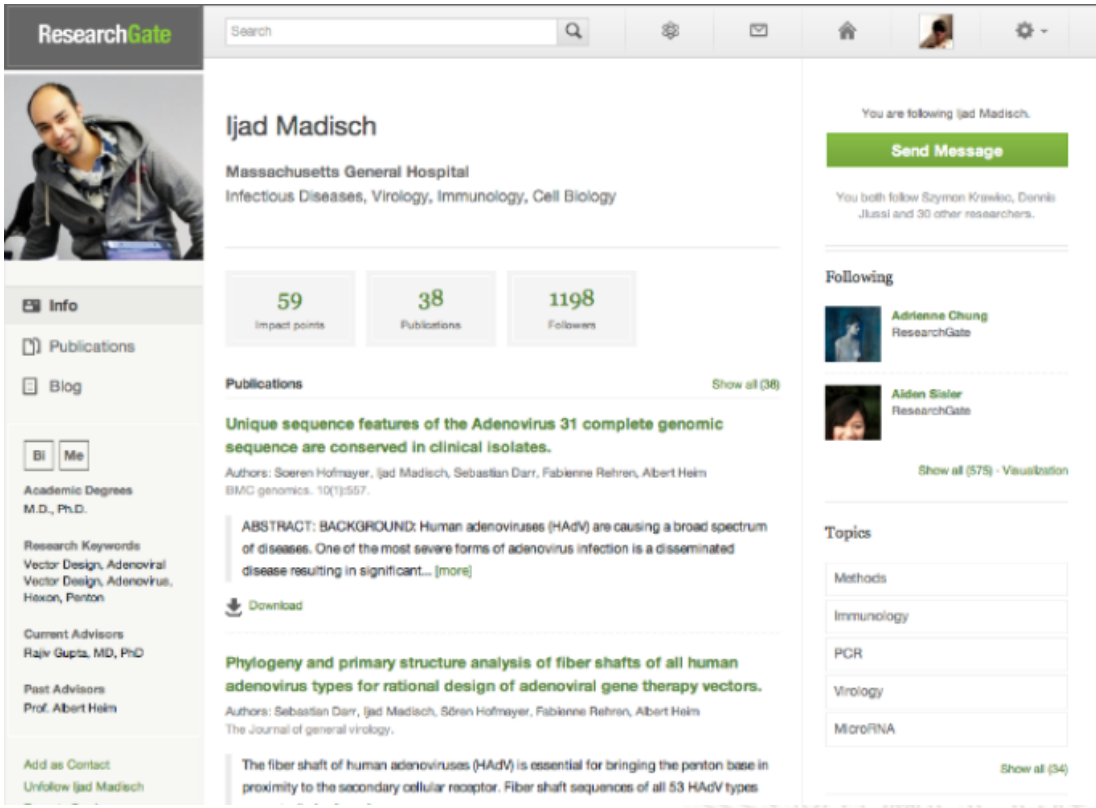
Darme a conocer: redes sociales

Research Gate:
- Red Social de Investigadores
- Desarrollo: Ijad Madisch et al (Berlín)
- >12M usuarios
- Índice de impacto propio RGIndex
- Motor búsqueda:
  - artículos internos, Pubmed, CiteSeer, etc.
- Petición de artículos
- Proyectos



https://www.researchgate.net

Fuentes:
Wikipedia https://es.wikipedia.org/wiki/ResearchGate

Darme a conocer: redes sociales

LinkedIn:
- Red Social Empresas, Empleados/res
- Microsoft
- 467M usuarios 2016
- Gratuito/ Premium
- Proyectos

https://www.linkedin.com

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Darme a conocer: identificación

ORCID:

- Open Researcher and Contributor ID
- Indentifica autor
- Usado: Scopus, ThomsonReuters, Pubmed, Wikipedia,etc.
- Ejemplo:

https://orcid.org

ResearcherID:

- En realidad es ORCID integrado para WOS por Thomson Reuters

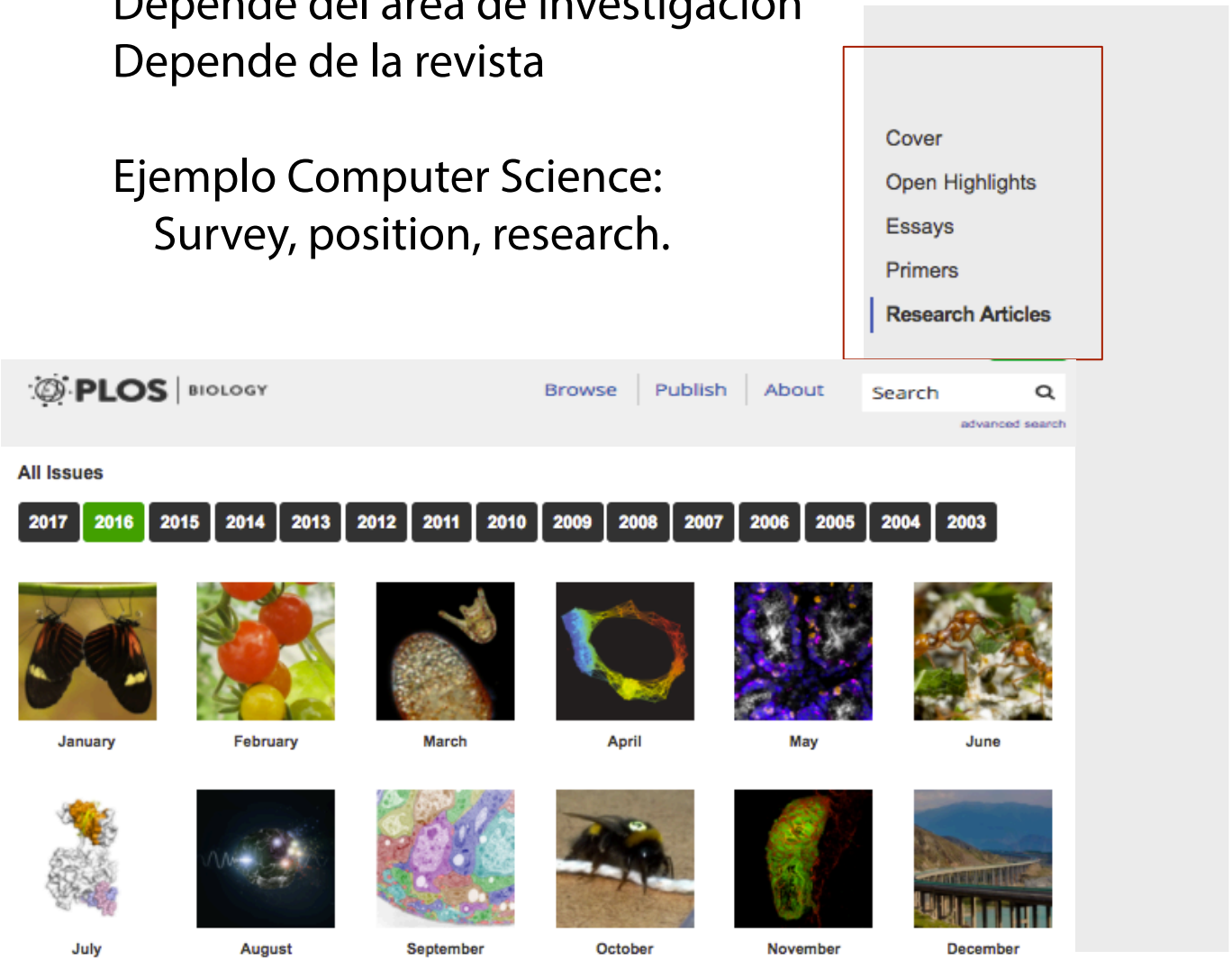
Tipos de artículos:

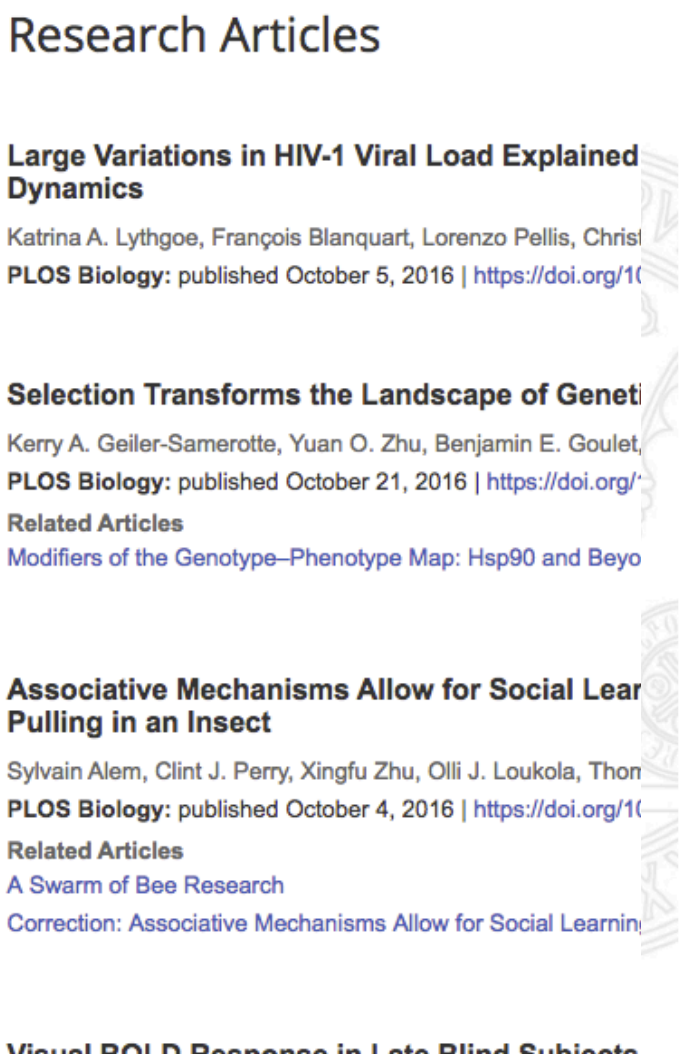
Depende del área de investigación

Depende de la revista

Ejemplo Computer Science:

Survey, position, research.





Comunicación Científica: ARTÍCULOS

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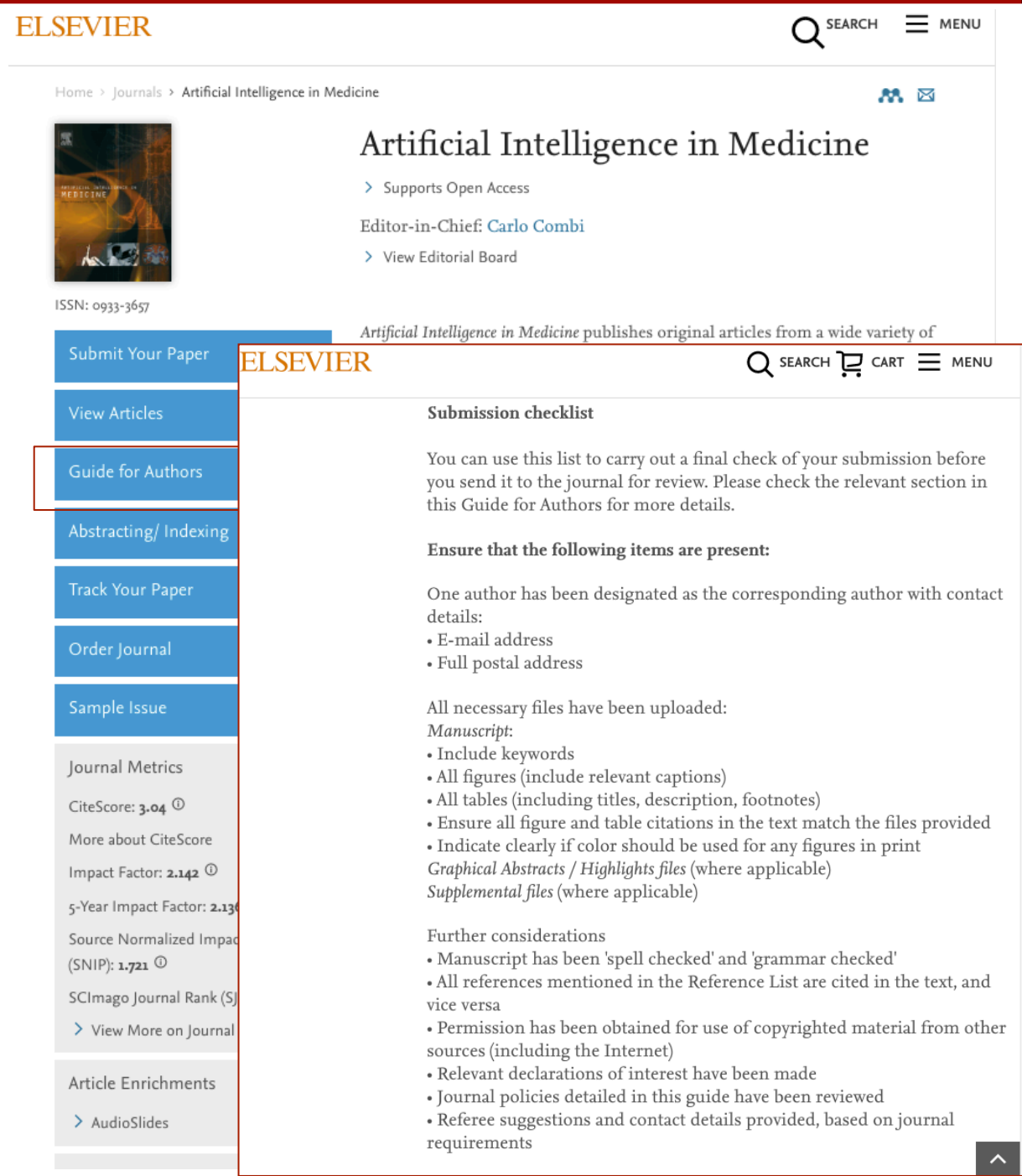
Instrucciones autores:

Seguir instrucciones de la revista

Dependiente de cada revista.

Ejemplos:

- Formato texto (word, latex)
- Estilo bibliografía
- Secciones del artículo
- Resumen/Abstract
- Lista palabras clave
- 'Arts' (fotografías, vídeos, etc.)



Web revista:
https://www.journals.elsevier.com/artificial-intelligence-in-medicine/

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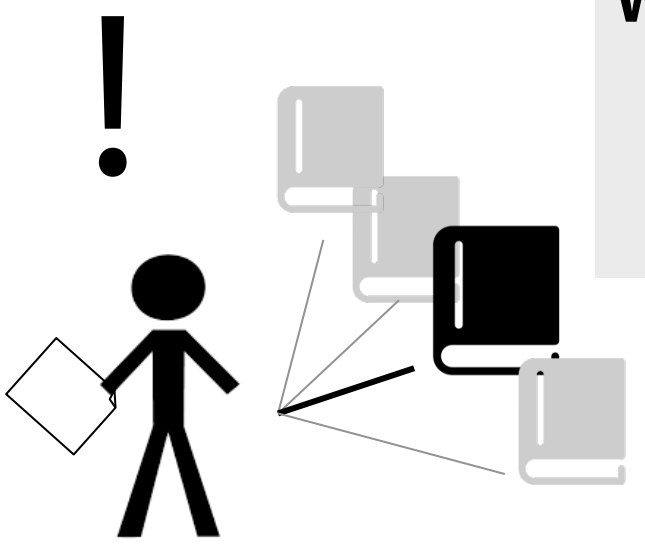
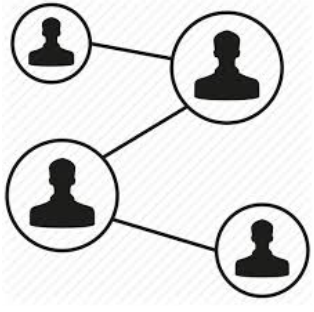
RECAP

Encontrar:
WOS, Scopus, Pubmed, etc.
Buscadores especializados editoriales



Web de la Revista:
Topics se ajustan a mi trabajo
"Most-articles", Open Access?
Tiempos respuesta

Calidad:
Índices de impacto (rankings)
Prestigio de editorial y de editores
Consolidación en área de investigación



Identificar:
ISSN (revista)
DOI (artículo)
OID (investigador)

Contacto:
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jmjuarez@um.es
@pepejmjh
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Facultad de Informática, Universidad de Murcia

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ENLACES DE UTILIDAD:

- ISSN: http://www.issn.org/
- DOI: https://www.doi.org/
- Periodical Literature: https://en.wikipedia.org/wiki/Periodical_literature
- JCR How Calculated: http://wokinfo.com/essays/impact-factor/
- The Agony and the Ecstasy: the History and the Meaning of the Journal Impact Factor: http://garfield.library.upenn.edu/papers/jifchicago2005.pdf
- Manual WOS: https://www.recursoscientificos.fecyt.es/servicios/formacion/material
- 3 options for Citations Tracking: Google Scholar, Scopus, WOS: https://bio-diglib.biomedcentral.com/articles/10.1186/1742-5581-3-7

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Curso: Comunicación Científica: presentación pública de resultados científicos. Artículos, libros, congresos y patentes.

Artículos: Revistas

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Dept. Ingeniería de la Información y las Comunicaciones
Facultad de Informática, Universidad de Murcia

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Slides availables at

http://webs.um.es/jmjuarez/

Section 'Recent talks'

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Facultad de Informática, Universidad de Murcia