

¿Hay vida más allá de las editoriales?

La revista *Psicológica* y la nueva generación de comunicación científica

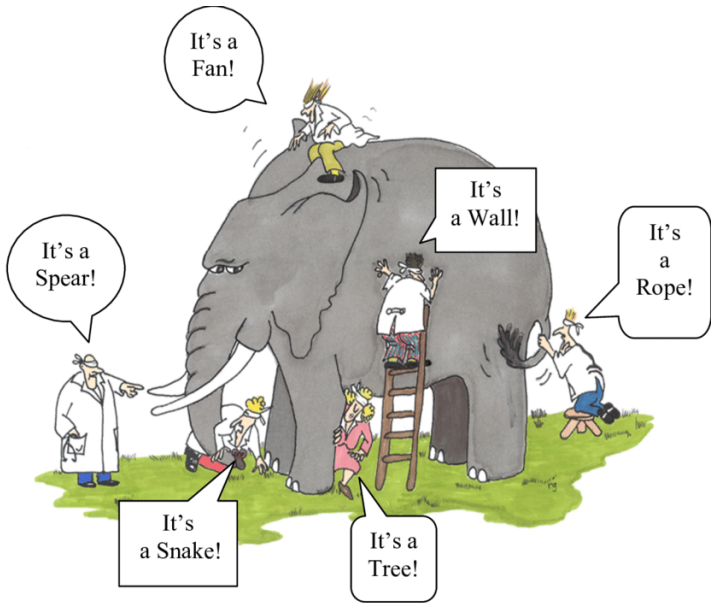
Pandelis Perakakis

pperakakis@ucm.es | @ppandelis

April 21, 2021

#JornadasVirtualesSEPEX21

El problema



scholarly communication

processes

Validation

Evaluation

Dissemination

scholarly communication

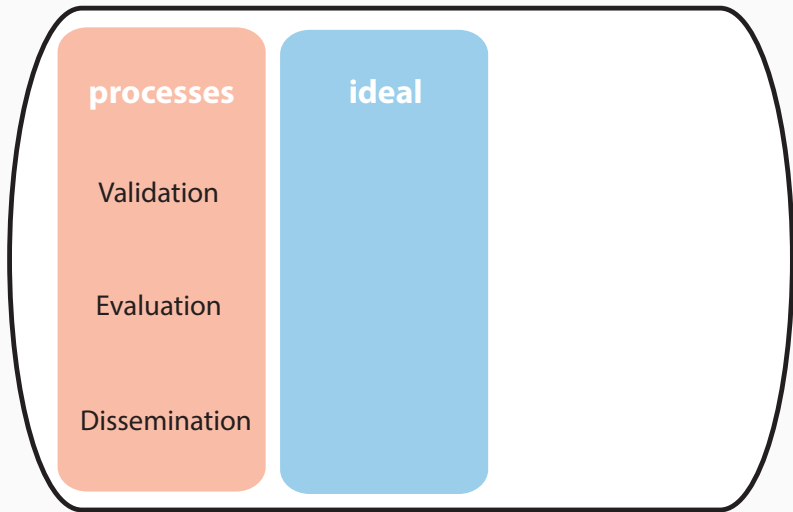
processes

Validation

Evaluation

Dissemination

ideal



scholarly communication

processes

Validation

Evaluation

Dissemination

ideal

many expert reviewers
no conflicts of interest
argumentation

scholarly communication

processes

Validation

Evaluation

Dissemination

ideal

many expert reviewers
no conflicts of interest
argumentation

many expert reviewers
no conflicts of interest
argumentation

scholarly communication

processes

Validation

Evaluation

Dissemination

ideal

many expert reviewers
no conflicts of interest
argumentation

many expert reviewers
no conflicts of interest
argumentation

preservation
licencing
visibility

scholarly communication

processes

Validation

Evaluation

Dissemination

ideal

many expert reviewers
no conflicts of interest
argumentation

many expert reviewers
no conflicts of interest
argumentation

preservation
licencing
visibility

Current

scholarly communication

processes

Validation

Evaluation

Dissemination

ideal

many expert reviewers
no conflicts of interest
argumentation

many expert reviewers
no conflicts of interest
argumentation

preservation
licencing
visibility

Current

2-3 anonymous reviewers
disclosed reviews

scholarly communication

processes

Validation

Evaluation

Dissemination

ideal

many expert reviewers
no conflicts of interest
argumentation

many expert reviewers
no conflicts of interest
argumentation

preservation
licencing
visibility

Current

2-3 anonymous reviewers
disclosed reviews

citation metrics (IF)
journal prestige
altmetrics

scholarly communication

processes

Validation

Evaluation

Dissemination

ideal

many expert reviewers
no conflicts of interest
argumentation

many expert reviewers
no conflicts of interest
argumentation

preservation
licencing
visibility

Current

2-3 anonymous reviewers
disclosed reviews

citation metrics (IF)
journal prestige
altmetrics

private servers
restrictive licenses
APCs or subscriptions

scholarly communication

processes

Validation

Evaluation

Dissemination

ideal

many expert reviewers
no conflicts of interest
argumentation

many expert reviewers
no conflicts of interest
argumentation

preservation
licencing
visibility

Journal dependent

2-3 anonymous reviewers
disclosed reviews

citation metrics (IF)
journal prestige
altmetrics

private servers
restrictive licenses
APCs or subscriptions

*“Una ola de **adquisiciones** en el negocio editorial ha creado **empresas gigantescas** con el poder de extraer **precios cada vez más altos** de las bibliotecas universitarias.”*

Taylor, M., Perakakis, P., & Trachana, V. (2008). **The siege of science**. *Ethics in Science and Environmental Politics*, 8, 17–40.

¿Cuánto cuestan las revistas?

Presupuesto 2020

- Universidad Complutense de Madrid **2.846.040,62 €¹**
- Universidad de Granada **1.045.250,00 €²**

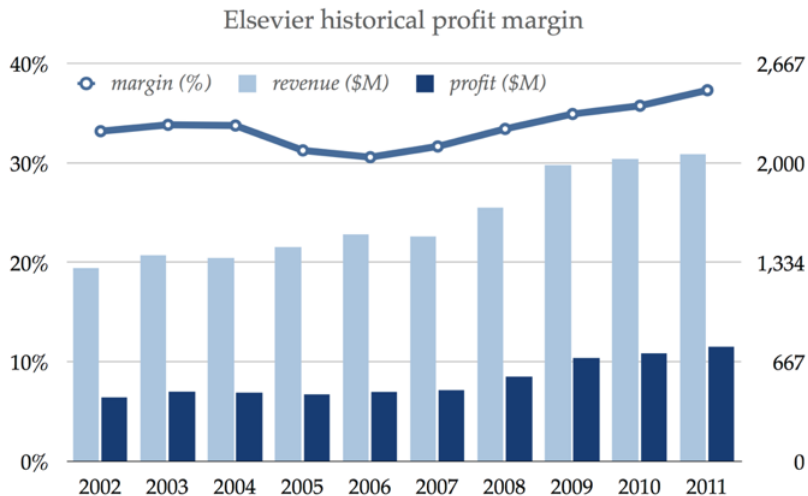
¹<https://www.ucm.es/portaldetransparencia/informacionpresupuestaria>

²https://gerencia.ugr.es/pages/vger_eco/presupuestos/presupuesto2020ugr

Declaraciones financieras de Elsevier en 2018

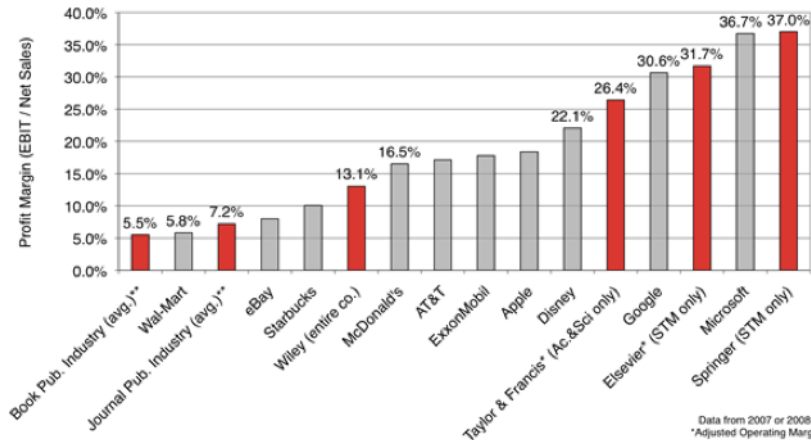
- Net profit: **1,107,876,427.69 €**
- Operating profit margin: **37,1%**
- “In 2018 we made three small acquisitions in support of our organic growth strategy, Via Oncology, Aries Systems and Science-Metrix, and disposed of a minor pharma business in Japan.”
- “Our customer environment remains largely unchanged, and we expect another year of modest underlying revenue growth.”

¿Dónde va el dinero?



¿Dónde va el dinero?

Profit Margins: Journal Publishers v. Other Companies



Data from 2007 or 2008.

*Adjusted Operating Margin

Data Source: MIT Libraries

**RMA Annual Statement Studies, 2007

¿Cuál es el verdadero problema?

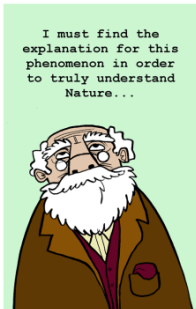
*“Today’s academic publishing model treats knowledge as a **material good**. Instead of collaborating... scholars are **forced to compete** for a limited number of prestigious publication slots... this whole enterprise is based on the **economics of scarcity** where value is accrued from exclusivity.”*

Perakakis, P. (2013). **New forms of open peer review will allow academics to separate scholarly evaluation from academic journals**. London School of Economics. Impact of Social Sciences Blog

Ciencia vs Academia

19th century
scientist

I must find the
explanation for this
phenomenon in order
to truly understand
Nature...



21st centurt
~~scientist~~
academic

I must get the
result that fits my
narrative so I can
get my paper into
Nature..



facebook.com/pedromics

“La mayoría de los jóvenes investigadores entran en la escena con el deseo de ser científicos, pero rápidamente se ven obligados a convertirse en académicos.”

Perakakis, P. (2017). **Open scientists in the shoes of frustrated academics.**
Euroscientist

2002: La iniciativa de Budapest (Budapest Open Access Initiative)

By “open access” to this literature, we mean its **free** availability on the public internet, permitting any users to read, download, copy, distribute, print, search, or link to the full texts of these articles, **crawl them for indexing, pass them as data to software**, or use them for any other lawful purpose, without financial, legal, or technical barriers.

2002: La iniciativa de Budapest (Budapest Open Access Initiative)

By “open access” to this literature, we mean its **free** availability on the public internet, permitting any users to read, download, copy, distribute, print, search, or link to the full texts of these articles, **crawl them for indexing, pass them as data to software**, or use them for any other lawful purpose, without financial, legal, or technical barriers.

To achieve open access to scholarly journal literature, we recommend two complementary strategies.

1. Self-Archiving
2. Open-access journals

Acceso Abierto: una oportunidad perdida



*“Green OA has no promise of delivering augmented revenues to the publisher, but **Gold OA opens up a new customer**, the author him or herself, who in many instances pays for the article to be OA. **Gold OA**, in other words, represents a **business opportunity**, whereas **Green OA** represents a **business problem**.”*

Joseph Esposito, Publishing consultant

2012: The Finch report, por encargo del gobierno británico

Recommendations:

1. a clear policy direction should be set towards support for publication in open access or hybrid journals, funded by APCs, as **the main vehicle** for the publication of research, especially when it is publicly funded.

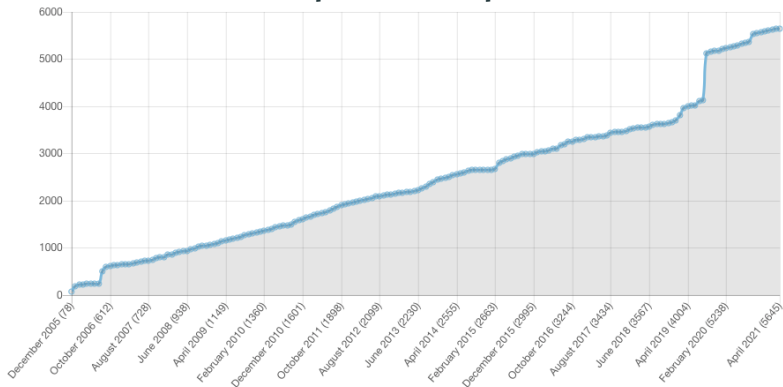
Key actions:

1. Make a clear commitment to **support the costs** of an innovative and sustainable research communications system, with a **clear preference for publication in open access or hybrid journals**.

La solución

Repositorios abiertos: plataformas de publicación

Growth of Open Access Repositories



https://v2.sherpa.ac.uk/view/repository_visualisations/1.html

DIGITAL.CSIC

- Clasificado como el 5º mayor repositorio europeo
- 120 Instituciones
- Equipo de bibliotecarios expertos
- Más de 130,000 artículos en acceso abierto
- Perseverancia digital, DOIs
- Almacenamiento de datos y código

English [español](#)Please use this identifier to cite or link to this item: <http://hdl.handle.net/10261/199795>

Share/Impact:



Statistics

SHARE BASE f in t RG e Mendeley

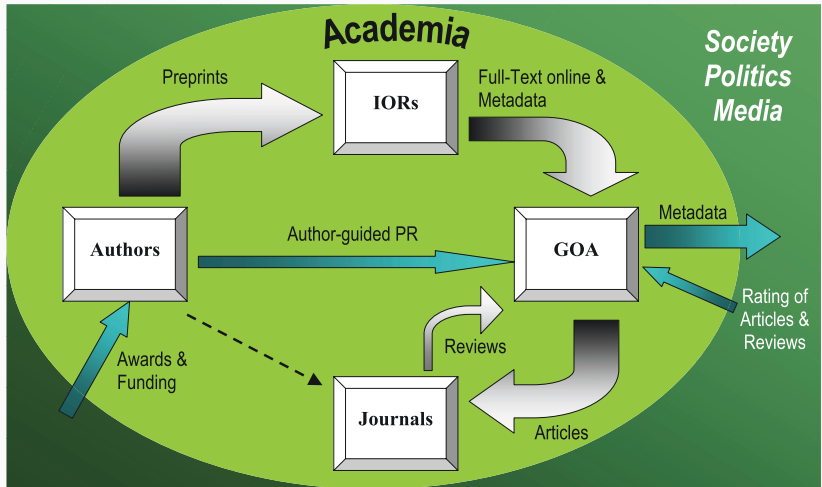
See citations in Google Scholar

Visualizar otros formatos: MARC | Dublin Core | RDF | ORE | MODS | METS | DIDL | DATAcite

Exportar a otros formatos: Endnote Ir

 OA
Share your
Open Access Story**Title:** Good-bye to publishers: a practical implementation**Authors:** Perakakis, Pandelis; Bernal, Isabel **Keywords:** Overlay Journals
Open Peer Review Module for Repositories
Open Scholar
DIGITAL.CSIC
Next Generation Repositories
Pubfair**Issue Date:** 5-Feb-2020**Abstract:** Presentation delivered in a COAR meeting to investigate the potential for a common, distributed architecture that would connect peer review with resources in repositories. The aim of the meeting, hosted by Inria in Paris, France, past January 23-24, was to share the current workflows of various projects and systems that are managing or developing overlay peer review on a variety of different repository types (institutional, preprint, data, etc.), and assess whether there is sufficient interest in defining a set of common protocols and vocabularies that would allow interoperability across different systems. This presentation gave an overview of one of these ongoing initiatives.**URI:** <http://hdl.handle.net/10261/199795>**DOI:** <http://dx.doi.org/10.20350/digitalCSIC/13486>

NSAP (2010): Una propuesta disruptiva



Perakakis, P., Taylor, M., & Trachana, V. (2010). **Natural Selection of Academic Papers**. *Scientometrics*, 85(2), 553–559.



The Academia that Science Deserves

Anonymous reviewers.

Paywalls.

Publish or perish.

Journal metrics.

Subscription fees.

Publication costs.

...

We can, and must do better...



Open Peer Review Module (2015)

Open Peer Review Module

Open Scholar coordinated a consortium of five partners to develop an open source module that can be installed on institutional repositories to enable overlay open peer review.



OUR PROJECT PARTNERS



<https://www.openscholar.org.uk/open-peer-review-module-for-repositories/>



November 28, 2017

Other

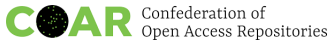
Open Access

Next Generation Repositories: Behaviours and Technical Recommendations of the COAR Next Generation Repositories Working Group

Rodrigues, Eloy; Bollini, Andrea; Cabezas, Alberto; Castelli, Donatella; Carr, Les; Chan, Leslie; Humphrey, Chuck; Johnson, Rick; Knoth, Petr; Manghi, Paolo; Matizirofa, Lazarus; Perakakis, Pandelis; Schirwagen, Jochen; Selematsela, Daisy; Shearer, Kathleen; Walk, Paul; Wilcox, David; Yamaji, Kazu

<https://doi.org/10.5281/zenodo.1215014>

Notify: Repository and Services Interoperability Project



Articles ▾ For Authors Editorial Board About Blog search



Harmonic Analysis
December 12, 2018 BST

Gabor orthogonal bases and convexity

Alex Iosevich · Azita Mayeli
<https://doi.org/10.19086/da.5952>

42010 math.ca (mathematics - classical analysis and odes)

Photo by Matt Artz on Unsplash

Editorial introduction

[Read article at ArXiv](#)

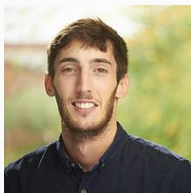
Gabor orthogonal bases and convexity, Discrete Analysis 2018:19, 11 pp.

A fundamental way of understanding a function f defined on $\mathbb{R}^d$ is to expand it in terms of a basis with nice properties. Typically, one assumes that $f \in L_2(\mathbb{R}^d)$, and then it becomes natural to look for orthonormal bases with properties such as interesting symmetries. For example, wavelet bases, which play a very important role in signal processing, are orthonormal and consist of translates and dilates of a single function.

Psicológica (2019)



Pedro Macizo
Editor
Psicológica



Fernando Ojedo
Editor técnico
Psicológica



Ángel Correa
Editor asociado
Psicológica

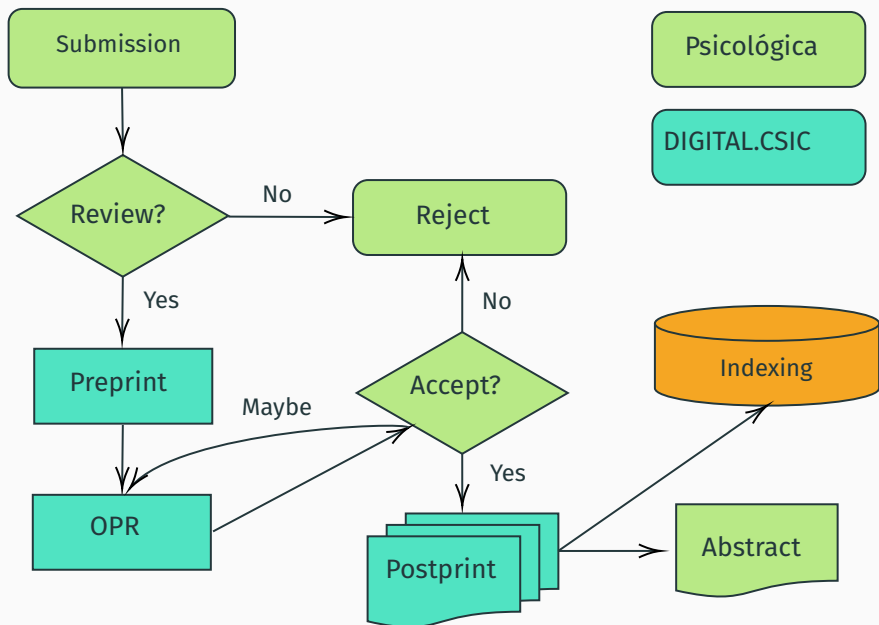


Daniel Sanabria
Editor asociado
Psicológica



Isabel Bernal
Responsable
DIGITAL.CSIC

Flujo de trabajo





Language does not modulate fake news credibility, but emotion does

The proliferation of fake news in internet requires understanding which factors modulate their credibility and take actions to limit their impact. A number of recent studies have shown an effect of the foreign language when making decisions: reading in a foreign language engages a more rational, analytic mode of thinking (Costa et al., 2014, Cognition). This analytic mode of processing may lead to a decrease in the credibility of fake [...]

By Manuel Perea, María Fernández-López | 04/09/2020 | Vol.5(3).2012

[Read More >](#)

Inconsistencies between mental fatigue measures under compensatory control theories

Mental fatigue has traditionally been defined as a condition of reduced [...]

By José J. Cañas, Enrique Muñoz-de-Escalona, Paulo Noriega | 04/09/2020 | Vol.5(3).2012

[Read More >](#)

The relationship of counterfactual reasoning and false belief understanding: the role of prediction and explanation tasks

The relation between the prediction and explanation of the false belief [...]

By Antonio Contreras, Juan Antonio García-Madruga | 24/07/2020 | Vol.5(3).2012

[Read More >](#)

Language does not modulate fake news credibility, but emotion does



Photo by freepik

Published On: 04/09/2020 | Categories: Vol.5(3),2012

Manuel Perea, María Fernández-López

Editorial introduction

[Read article at CSIC](#)

The proliferation of fake news in internet requires understanding which factors modulate their credibility and take actions to limit their impact. A number of recent studies have shown an effect of the foreign language when making decisions: reading in a foreign language engages a more rational, analytic mode of thinking (Costa et al., 2014, Cognition). This analytic mode of processing may lead to a decrease in the credibility of fake news. Here we conducted two experiments to examine whether fake news stories presented to university students were more credible in the native language than in a foreign language. Bayesian analyses in both experiments offered support for the hypothesis that the credibility of fake news is not modulated by language. Critically, Experiment 2 also showed a strong direct relationship between credibility and negative emotionality regardless of language. This pattern suggests that the driving force behind the engagement in an automatic thinking mode when reading fake news is

Formulario de revisión 1

Name *

e.g. Donald Jr

First name(s) + "Jr"

e.g. Smith

Last name

Affiliation *

Scientific standards *

✓ 0

1

Choose option 1 if you consider that the work is scientifically acceptable. Choose option 0 if you consider that the authors should revise the work taking into account your evaluation. The scientific standards refers to various relevant parameters such as methodology, clarity of presentation, use of language, inclusion of key references, soundness, etc.

Formulario de revisión 2

Importance of this work for its academic field *

Not applicable

Rate in a scale from 0-100 the importance of this work for its academic field.

General interest *

Not applicable

Rate in a scale from 0-100 how interesting this work is for other academic fields.

Social value *

Not applicable

Rate in a scale from 0-100 the importance of this work for society in general (e.g., how relevant this work is for the problems society is currently facing).

Overall quality assessment *

0

Rate in a scale from 0-100 the article globally.

Upload your review as a single pdf file *

[Choose File](#) no file selected

Submit

<https://digital.csic.es/handle/10261/130958>

Conclusiones

- Conflicto de intereses entre el negocio editorial y la ciencia
- Las revistas pueden publicarse en repositorios institucionales
- El control de los procesos de validación, evaluación y diseminación nos permitirá adecuarlos a los intereses de la ciencia y la sociedad
- Psicológica será la primera revista *overlay* de una sociedad científica publicada sobre un repositorio institucional

¿Hay vida más allá de las editoriales?

¿Hay vida más allá de las editoriales?

Depende de nosotros/as...

¿Hay vida más allá de las editoriales?

Depende de nosotros/as...

