SEMANA INTERNACIONAL DEL ACCESO ABIERTO 2018

# MDPI Y EL FUTURO DEL ACCESO ABIERTO

# Guión de la presentación

## ¿Qué es el Acceso Abierto?

- Definición
- Tipos
- Derechos de autor
- Ventajas

## Big Deals Cancellations

## Movimientos europeos a favor del Acceso Abierto

- Open Science Monitor
- Open Research Publishing Platform
- Plan S
- DORA

## Revisión por pares y nuevas tendencias editoriales

## MDPI

# ¿Qué es el Acceso Abierto?

➢ **Acceso gratuito** a la información y uso **sin restricciones** de los recursos digitales**.**

➢ **Cualquier contenido digital:** textos, bases de datos, softwares y contendio multimedia.

# ¿Cuándo empezó el Acceso Abierto?

➢ Concepto inicial se refiere principalmente a los artículos publicados en **revistas académicas**.

➢ Tres declaraciones públicas:

- Budapest (2002)

- Bethesda (2003)

- Berlín (2003)

# Condiciones

**1**

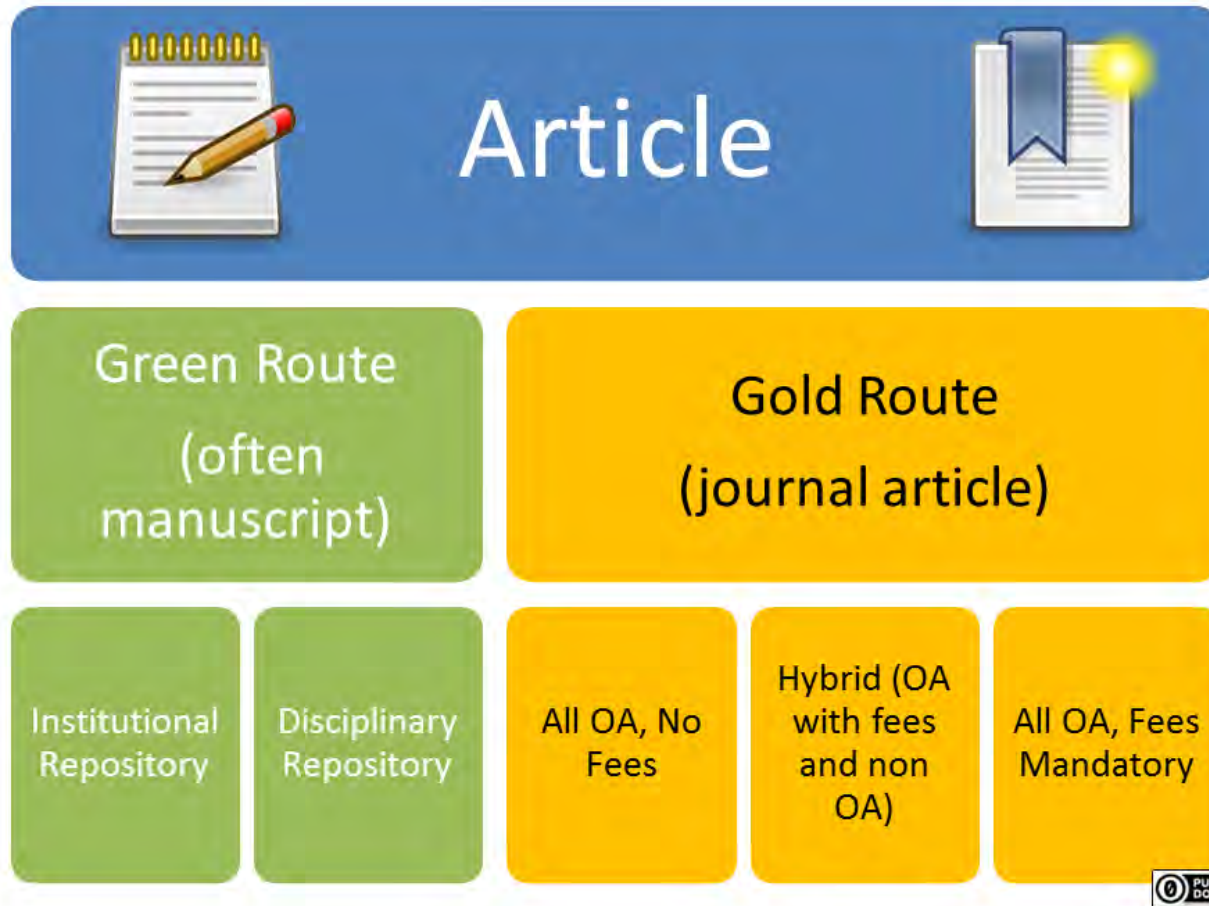**Acceso libre y universal**, sin costes para el lector.

**2**

Autor otorga a todos los usuarios potenciales de manera **irrevocable** y por tiempo **ilimitado** el derecho a: **utilizar**, **copiar** o **distribuir** el contenido, siempre que se **acredite al autor**.

**3**

Versión integral **depositada** en al menos un repositorio de **acceso abierto** reconocido.

# Dos Tipos de Acceso Abierto



Article

Green Route (often manuscript)

Gold Route (journal article)

Institutional Repository | Disciplinary Repository | All OA, No Fees | Hybrid (OA with fees and non OA) | All OA, Fees Mandatory

# Derechos de Autor

**CC BY**: licencia más servicial y recomendada para una **máxima difusión** y utilización.

**CC BY-SA**: muy similar a la CC BY, pero cualquier obra bas~~ada~~ en esta deberá usar la mis~~ma~~ licencia. Usada por Wikipe~~dia~~.

**CC BY-ND**: permite redistribución, pero no se puede modificar y se debe transmitir en su totalidad.

| Icon | Description | Acronym |
|---|---|---|
| PUBLIC DOMAIN | Freeing content globally without restrictions | CC0 |
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# Ventajas

- Mayor visibilidad, uso e impacto.

- Inmediatez.

- Facilita el acceso a los últimos descubrimientos en países con menos recursos.

- Permite visibilizar y rendir cuentas a la sociedad de la inversión pública.

- Permite a los autores conservar la titularidad de los derechos de autor.

# Cancelación de grandes acuerdos

Cada vez más instituciones están cancelando las suscripciones a las revistas tradicionales

www.sparcopen.org/our-work/big-deal-cancellation-tracking/

| Consortium | Date | Region | Publisher(s) | Considerations | Outcome | Annual Savings (USD) |
|---|---|---|---|---|---|---|
| Florida State University | 2019 | United States | Elsevier | Florida State University Libraries sought to renegotiate the 20 year contract between Elsevier and the State University System. That deal cost FSU nearly $2 million annually, with cost increases of at least 4% per year. FSU believed this fee was disproportionate compared to other schools in the system. | The FSY Faculty Senate voted unanimously in March 2018 to endorse the Libraries' plan to cancel its Elsevier "big deal". The Libraries will subscribe to a subset of Elsevier journals, based on faculty interest and usage data.. The Libraries will rely on ILL and per-article purchases to fill any gaps. | Undisclosed |
| Le Consortium Couperin | 2018 | France | Springer Nature | Couperin.org represents more than 250 highereducation research and healthcare institutions. | The analysis determined that the utilization of Springer journals is declining and | 5 million euros |

# Cancelación de Grandes Acuerdos

**Consorcio Couperin, Francia**

- \+ 250 instituciones
- Estudio cualitativo de la colección de Springer
- Sólo usaban una tercera parte
- Intento de negociación fallido
- Cancelación del acuerdo

# Cancelación de Grandes Acuerdos

**Consorcio Bibsam, Suecia**

- Todas las Universidades y centros de investigación
- Prioridad Open Access
- Publica 4000 artículos al año con Elsevier.
- En 2017, pagaron 1,3 millones en tasas de publicación y 12 millones en suscripciones
- Cancelación del acuerdo

# Programa Institucional de Acceso Abierto (IOAP)

## The IOAP Features

**No fee**
The program is free and will remain free for as long as you continue participating. You may withdraw from the program at any time.

**10% discount on the APC**
Authors affiliated with the institution will receive a 10% discount on the APC for all papers published in an MDPI journal.

**Auto-archiving into your institutional repository**
We offer automated deposits of papers from affiliated authors to your institutional repository as long as it supports software SWORD 1.3.

**Access to the MDPI submission system**
The institution is granted free access to the MDPI online submission system and can receive free alerts of new submissions to our journals.

**Billing options of Non-central or Central**
By default, authors from the institution will continue to be invoiced directly (non-central billing) unless the institution opts for central billing.

# Open Science Monitor

- Objetivo: proporcionar datos y percepciones para entender el desarrollo de la ciencia abierta.

- Recopilación/elaboración de indicadores.

- Servir de apoyo a la *Open Science Platform* y a la *Open Science Cloud.*

# Open Science Monitor

- La ciencia abierta fenómeno **multidimensional** que evoluciona a un **ritmo muy elevado**.

- **Carece de indicadores** consolidados mundialmente.

- Open Science abarca el ciclo entero del proceso científico.

- Van a monitorear:

  ❏ Publicaciones en acceso abierto.

  ❏ Datos de investigación abiertos.

  ❏ Colaboraciones abiertas (código abierto, altmetrics, open hardware y ciencia del ciudadano).

Consortium partners: theLisboncouncil — think tank for the 21st century

CWTS — Meaningful metrics

ESADE — RAMON LLULL UNIVERSITY

Subcontractor: ELSEVIER

Elsevier are corrupting open science in Europe

Elsevier - one of the largest and most notorious scholarly publishers - are monitoring Open Science in the EU on behalf of the European Commission. **Jon Tennant** argues that they cannot be trusted.

# Open Science Monitor

# Open Research Publishing Platform

- Concurso público para elaborar esta plataforma.

- Publicación de artículos y preprints producto de fondos del H2020 de forma gratuita y rápida.

- Plataforma cubrirá el proceso de publicación por completo.

- Implementará Open Peer Review

# Open Research Publishing Platform

- No se ha anunciado el ganador todavía.
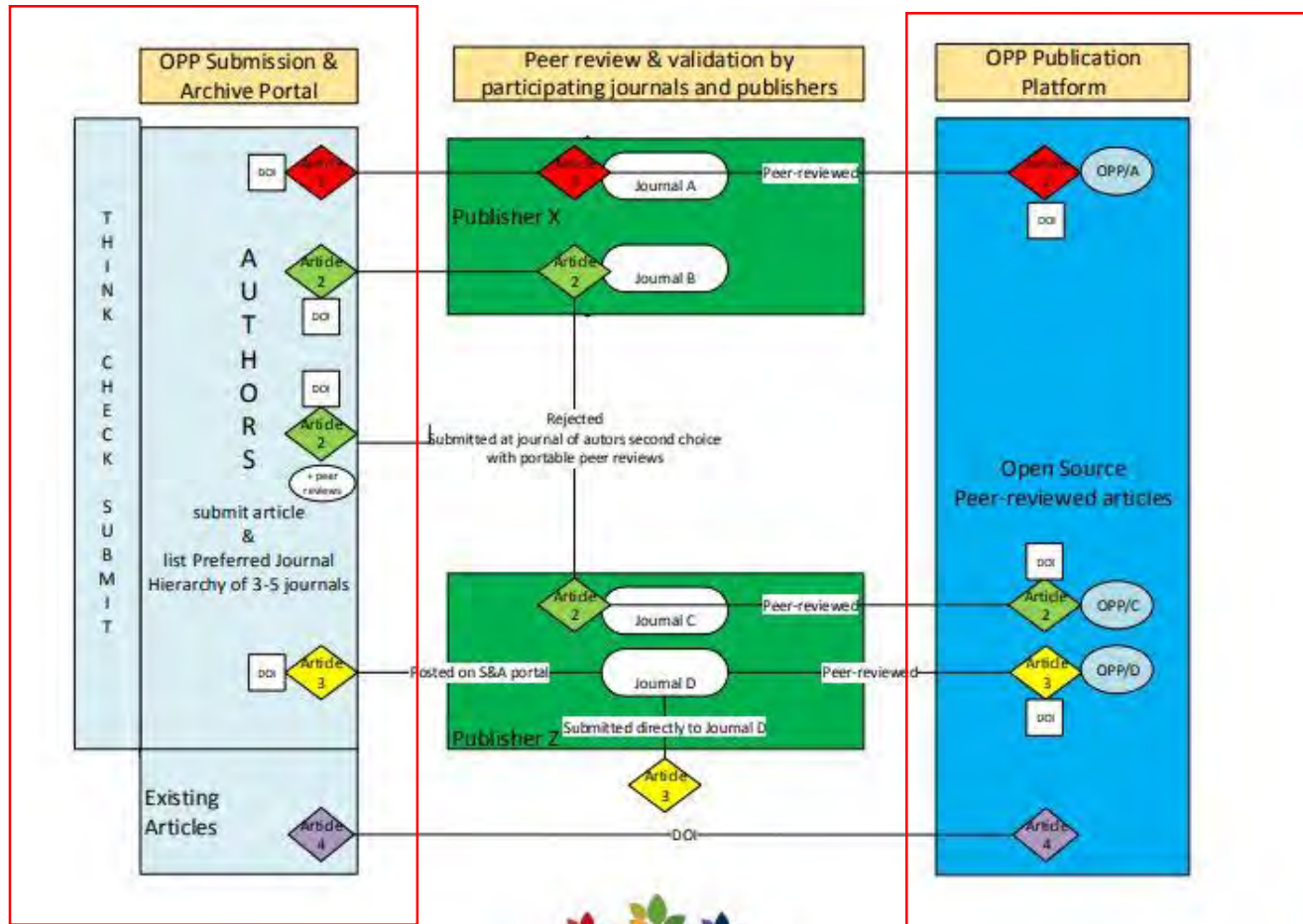- Consorcio para una transición transparente hacia el Acceso Abierto (TTOA)

Rechazó participar en el concurso debido a las condiciones impuestas.

# TTOA Sugiere

# Plan S



cOAlition S

**Making
Open Access
a reality
by 2020**

A DECLARATION OF COMMITMENT
BY PUBLIC RESEARCH FUNDERS

http://scieur.org/coalition-s

# Plan S

Objetivo: hacer las publicaciones en acceso abierto una realidad inmediata.

PARA 2020 TODAS LAS PUBLICACIONES CIENTÍFICAS DERIVADAS DE INVESTIGACIONES FINANCIADAS POR LAS ORGANIZACIONES PARTICIPANTES O LA UNIÓN EUROPEA DEBEN SER PUBLICADAS EN **ACCESO ABIERTO**

# 10 PRINCIPIOS

# Plan S

Brussels, 9 October 2018

## National Research Funding Organisations Participating in cOAlition S

| Funding Organisation | Acronym | Country | Website | Twitter |
|---|---|---|---|---|
| Austrian Science Fund | FWF | Austria | www.fwf.ac.at | @FWF_at @FWFOpenAccess |
| Academy of Finland | AKA | Finland | www.aka.fi | @SuomenAkatemia |
| French National Research Agency | ANR | France | www.agence-nationale-recherche.fr | @AgenceRecherche |
| Science Foundation Ireland | SFI | Ireland | www.sfi.ie | @scienceirel |
| National Institute for Nuclear Physics | INFN | Italy | http://home.infn.it/it | @INFN_ |
| National Research Fund | FNR | Luxembourg | www.fnr.lu | @FnrLux |
| Netherlands Organisation for Scientific Research | NWO | Netherlands | www.nwo.nl | @NWONieuws |
| Research Council of Norway | RCN | Norway | www.forskningsradet.no | @RCN_Norway |
| National Science Centre | NCN | Poland | https://ncn.gov.pl | |
| Slovenian Research Agency | ARRS | Slovenia | www.arrs.gov.si | @ARRS_rfo |
| Swedish Research Council for Health, Working Life and Welfare | FORTE | Sweden | https://forte.se/ | @forteforskning |
| Swedish Research Council for Sustainable Development | FORMAS | Sweden | www.formas.se | @pressformas |
| UK Research and Innovation | UKRI | UK | www.ukri.org | @UKRI_News |

# DORA

Declaration on Research Assessment

Reconoce la necesidad de mejorar la forma en la que se **evalúan los resultados de las investigaciones**.

Participan fundaciones, publishers, sociedades, instituciones e investigadores.

We love

DORA

# DORA

## 01

Aumentar la concienciación sobre la necesidad de desarrollar alternativas creíbles a las métricas actuales.

## 02

Van a investigar y promover herramientas y procesos que faciliten la mejor evaluación.

## 03

Extender el alcance de DORA a todas las disciplinas y nuevas áreas del planeta.

**¿Qué es lo que reclama esta declaración?**

DORA

# Acceso Abierto en España



Gobierno lanzó un plan estatal para 2017-2020 que requiere el acceso abierto a resultados y datos de investigaciones financiadas con **recursos públicos**.

# Acceso Abierto en España

España se encuentra entre los países que más publica en acceso abierto



Percentage of open access publications (gold and green) by country
Source: Consortium's own analysis of Scopus database - Reference date: April 30th 2018
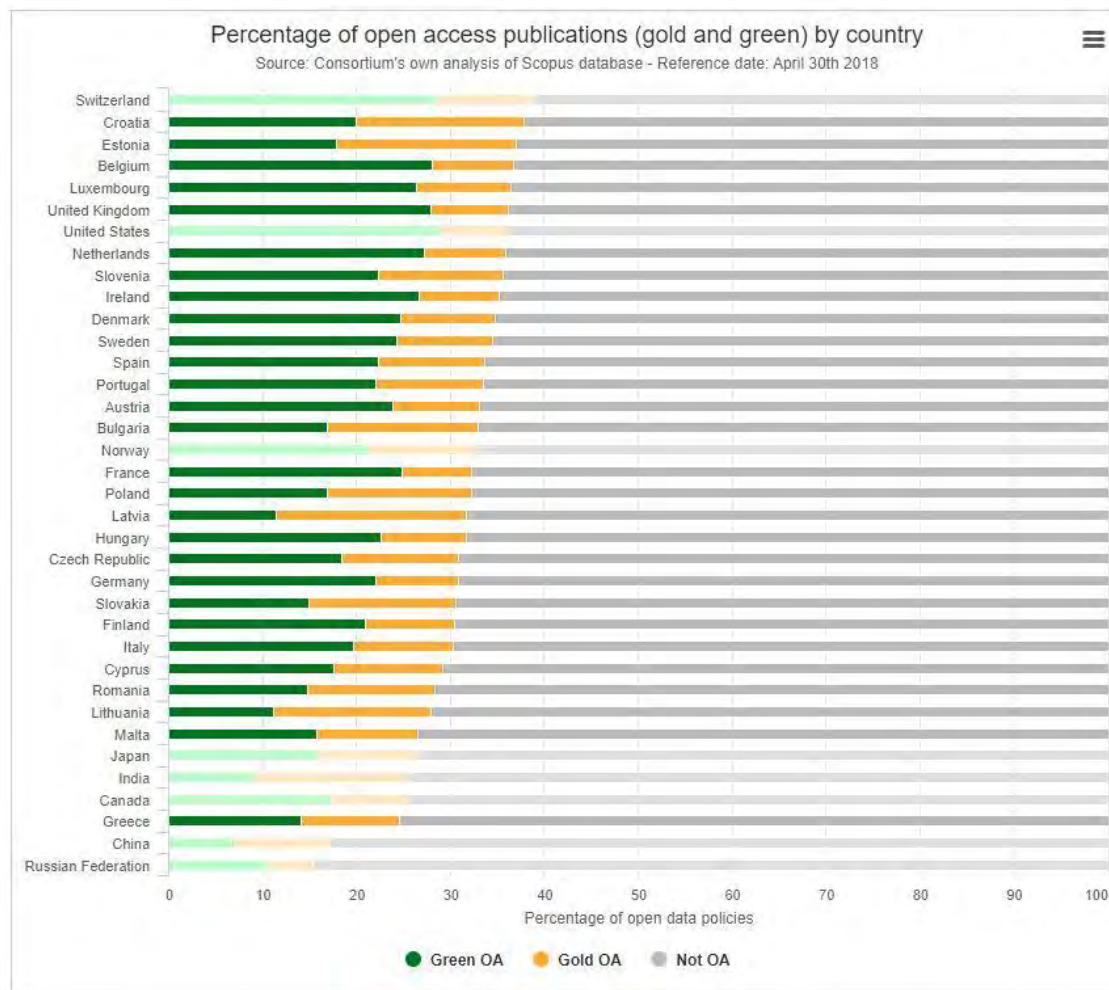
# Acceso Abierto en España

Revistas académicas españolas:

➢ 76% acceso libre online

➢ 10% operan bajo un modelo de embargo

➢ 1,5% son híbridas

➢ 12.3% son de subscripción

FRENTE A LOS 10 DE ALEMANIA O LOS 9 DE FINLANDIA

# Todos contra Elsevier, el gigante editorial científico que cobra a España 25 'kilos' al año
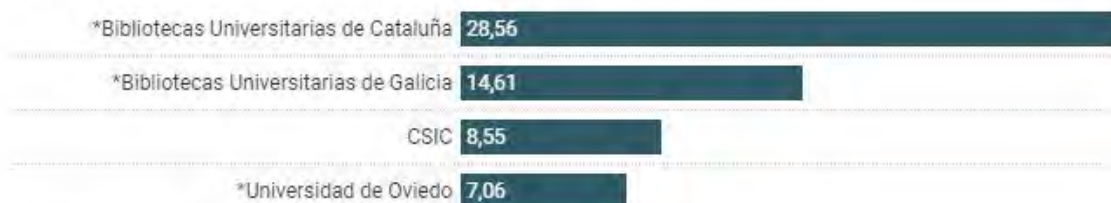
¿Cuánto gasta nuestro país cada año en suscripciones a revistas científicas? El Confidencial analiza y calcula lo que nuestras universidades y centros pagan al principal editor mundial

**España gasta más del doble que Alemania**

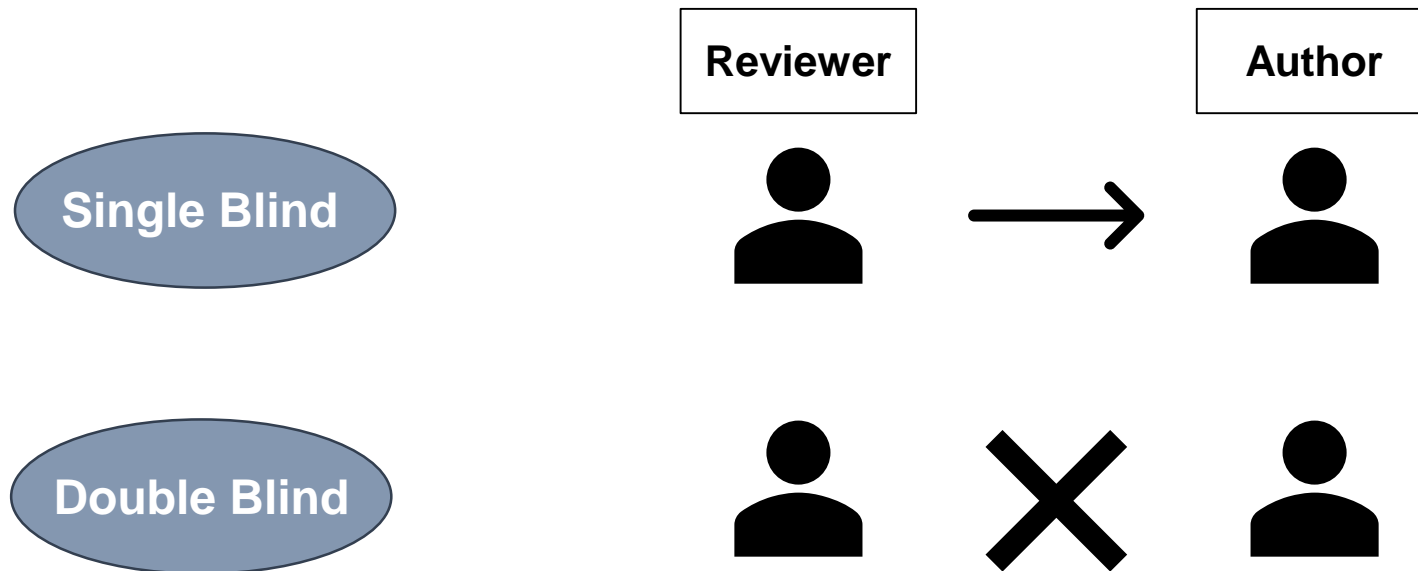## El gasto de las instituciones en las revistas de ScienceDirect

Cifras en millones de euros en el período 2013-2017

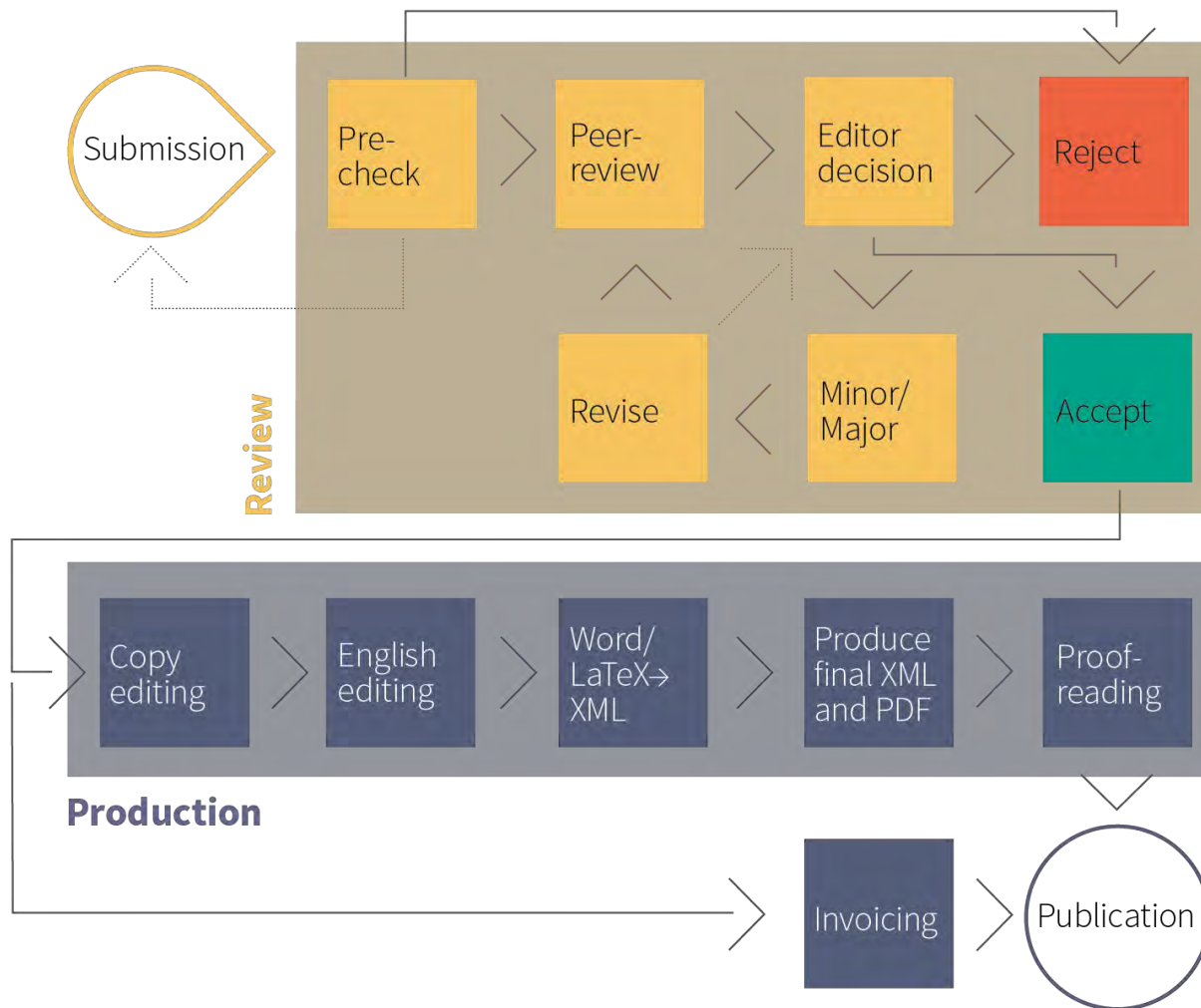| Institución | Millones de euros |
|---|---|
| *Bibliotecas Universitarias de Cataluña | 28,56 |
| *Bibliotecas Universitarias de Galicia | 14,61 |
| CSIC | 8,55 |
| *Universidad de Oviedo | 7,06 |

## En total, en los últimos cuatro años las instituciones de nuestro país han inyectado a las cuentas del gigante editorial casi 98 millones de euros

| Institución | Millones de euros |
|---|---|
| Universidad Miguel Hernández de Elche | 1,93 |
| Universidad del País Vasco | 1,49 |
| *Universidad de Las Palmas de Gran Canaria | 1,44 |
| CIEMAT | 1,37 |
| Universidad de Cantabria | 1,14 |
| Universidad de Zaragoza | 1,04 |
| Universidad de Burgos | 1,03 |

# Revisión por pares

Single Blind

Double Blind

**Reviewer**

**Author**

# Revisión por pares

# Nuevas Tendencias Editoriales

## Open Peer Review

¿Qué es?

¿Cómo funciona?

✓ Autores eligen si quieren publicar los informes
✓ Revisores eligen si quieren su nombre público

# Nuevas Tendencias Editoriales

¿Por qué **Open Peer Review**?

✓ Mayor transparencia y confianza

✓ Favorece comentarios de mayor calidad

✓Da crédito a los revisores

# Nuevas Tendencias Editoriales

## Post-Publication Peer Review

# Nuevas Tendencias Editoriales

**Post-Publication Peer Review**

Autores deben proponer al menos 3 revisores.

Permite comentarios por parte de la comunidad.

Todas las versiones del artículo, así como los informes de revisión pueden ser indexados.

**preprints**

# Nuevas Tendencias Editoriales

- Cada vez más establecidas para publicar pequeños descubrimientos científicos o revisiones.

- No se someten a la revisión por pares.

- Se publican de manera gratuita después de una serie de comprobaciones.

# The Multidisciplinary Preprint Platform

| All years ▾ | All ▾ | Keyword/Title | Author | Subject Categories ▾ | Subjects ▾ | 🔍 |

# HOW IT WORKS

## — 1 —

### Submission

Authors upload their manuscript and supplementary files via the online submission system.

## — 2 —

### Moderation

*Preprints* editors carry out initial checks on content, decisions are made within 24 hours.

## — 3 —

### Archived & Online

Preprints that pass the initial checks are posted online, are immediately citable and open for comments.

**All Research Fields**

We accept preprints from all fields, so your article will always be a good fit.

**Permanent Archiving**

Upload multiple versions of your paper: they will all be securely archived.

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**Article-Level Metrics**

Every mention of your article counts, whether on social media, in news outlets or citations. We keep track of all mentions for you.

# Open Annotation

➤ Herramientas de anotaciones abiertas

➤ Permiten a los lectores:
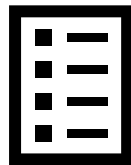
hacer notas

compartir ideas
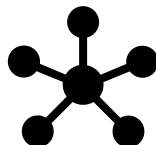
colaborar más fácilmente

Title / Keyword

Author / Affiliation

Journal

Article Type

Ge

all

Public

Q ⇅ < & Dr. Facundo Santomé ▾

Annotations ¹    Page Notes ¹

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**2018 GENES AWARDS**
WINNERS ANNOUNCED HERE

# Nuclear Integrity but Not Topolog Sperm Chromosome is Affected DNA Damage

Alexandre Champroux ✉, Christelle Damon-Soubeyrand ✉ Stephanie Bravard ✉, Joelle Henry-Berger ✉, Rachel Guito Joel Drevet * ✉ 🟢 and Ayhan Kocer * ✉

GReD "Genetics, Reproduction & Development" Laboratory, UI U1103, Université Clermont Auvergne, 28 Place Henri Dunant, France

* Authors to whom correspondence should be addressed.

(This article belongs to the Special Issue Male Germline Chrom

📄 Full-Text  |  📄 PDF [3833 KB, uploaded 17 October 2018]  |

Public

B  I  "  ⊖  🖼  Ʃ  ☰  ☰          ▥ Preview

|

0/2000

Post to Public ▾   ⊗ Cancel

Public    ⚙ Public        by anyone for any purpose
Disclaimer:                ght be moderated;
Public com                ce posted online
          🔒 My private

## Abstract

Recent studies have revealed a well-defined higher order of named chromosome territories, in the human sperm nuclei. The first, to investigate the topology of a selected number of chror second, to evaluate whether sperm DNA damage has an, architecture. Using fluorescence in situ hybridization, confd reconstruction approaches we demonstrate that chromosome sperm nucleus is not random. Some chromosomes tend to od positions, while others, such as chromosome 2 in the mous defined. Using a mouse transgenic model ($Gpx5^{-/-}$) of sperm that oxidative DNA damage does not disrupt chromosome or looking at specific nuclear 3D-parameters, we observed th

Public ▾

Annotations 21    Page Notes    Orphans

# Sequence-to-Sequence as Beam-Search O...

**Sam Wiseman** and **Alexar**
School of Engineering and A
Harvard Univers
Cambridge, MA, 1
{swiseman, srush}@seas

**hal3**

*in this work, we introduce a model and training scheme, based on the work of Daumé III and Marcu (2005).*

Naturally I appreciate the credit, but I encourage everyone to also/alternatively cite Xu and Fern, ICML 2007, "On Learning Linear Ranking Functions for Beam Search", which corrects some errors in DM05. See
http://web.engr.oregonstate.edu/~afern/papers/beam-icml07.pdf

**hal3**

I think there's another issue too: compounding error.

Hide replies (1)

**yisongyue**

I think this is less of an issue because of how they train, which is token by token in the sequence.

## Abstract

Sequence-to-Sequence (seq2seq) modeling has rapidly become an important general-purpose NLP tool that has proven effective for many text-generation and sequence-labeling tasks. Seq2seq builds on deep neural language modeling and inherits its remarkable accuracy in estimating local, next-word distributions. In this work, we introduce a model and beam-search training scheme, based on the work of Daumé III and Marcu (2005), that extends seq2seq to learn global sequence scores. This structured approach avoids classical biases associated with local training and unifies the training loss with the test time usage, while

text ge
caption
(2015).
The
tem is
maxin
get wo
gold b
strictly
the
be ver
guage
impres
Not

44

# MDPI: Datos clave

**82.1K**
submissions received in 2017

**200+**
open access journals

**25.3 days**
from submission to first decision in 2017 (median across all journals)

**35.9K**
articles published in 2017

**112**
journals indexed in Web of Science

**50.0 days**
from submission to publication in 2017 (median across all journals)

**23.5K**
academic editors overseeing peer-review as external experts

**2.4K**
academic events sponsored by MDPI in 2017, including travel grants to Editor-in-Chiefs and Editorial Board Members

**171K**
peer-review reports received in 2017

**52.5%**
growth in 2017 based on papers published

# MDPI: Rapid Growth in Publications Since 2008



Chart showing articles published and growth in % per year:

- 2008: 1131 — 106.54%
- 2009: 2336
- 2010: 4109 — 75.90%
- 2010 (bar): 4687 — 14.07%
- 2011: 7048 — 50.37%
- 2012: 9237 — 31.06%
- 2013: 12390 — 34.13%
- 2014: 17339 — 39.94%
- 2015: 23568 — 35.92%
- 2016: 35900 — 52.33%

2008 / 2016
2009 / 2017
2010
2011
2012
2013
2014
2015

Legend: articles published — growth in %
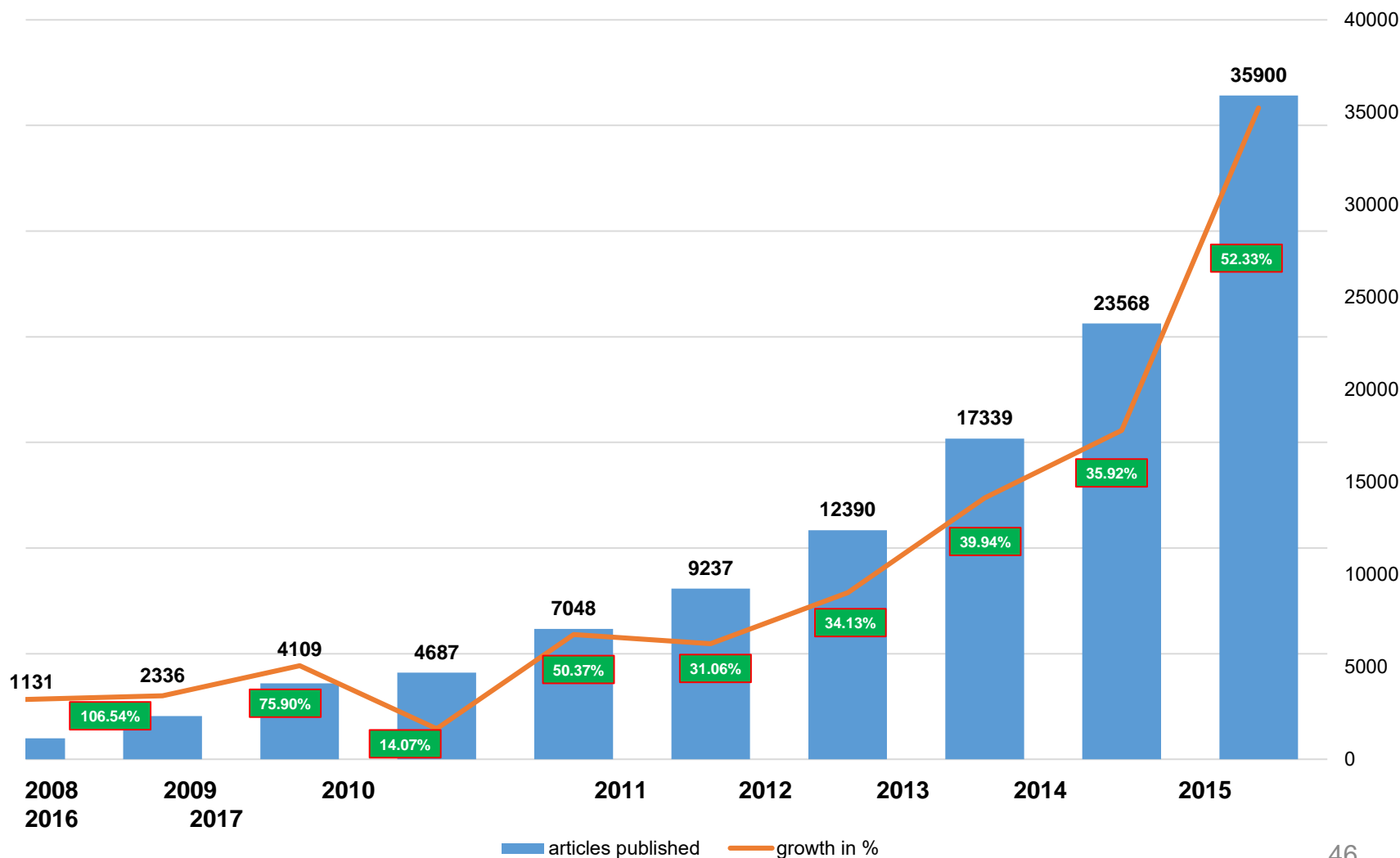
# Localización



Basel, Switzerland
(1996)



Barcelona, Spain
(2016)



Belgrade, Serbia
(2017)



Haidian
Beijing, China
(2008)



Tongzhou



Wuhan, China
(2013)

Sciforum is a conference hosting platform

# MDPI Books

## Publishing Open Access Books & Series

MDPI Books publishes open
access books in various formats

## WHY CHOOSE US ?

Open Access   Author Focus   High Visibility   High Quality & Rapid Publication   Print on Demand & Multiple Formats

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**Special Issue Reprints**   Selections   |   Editions   Monographs
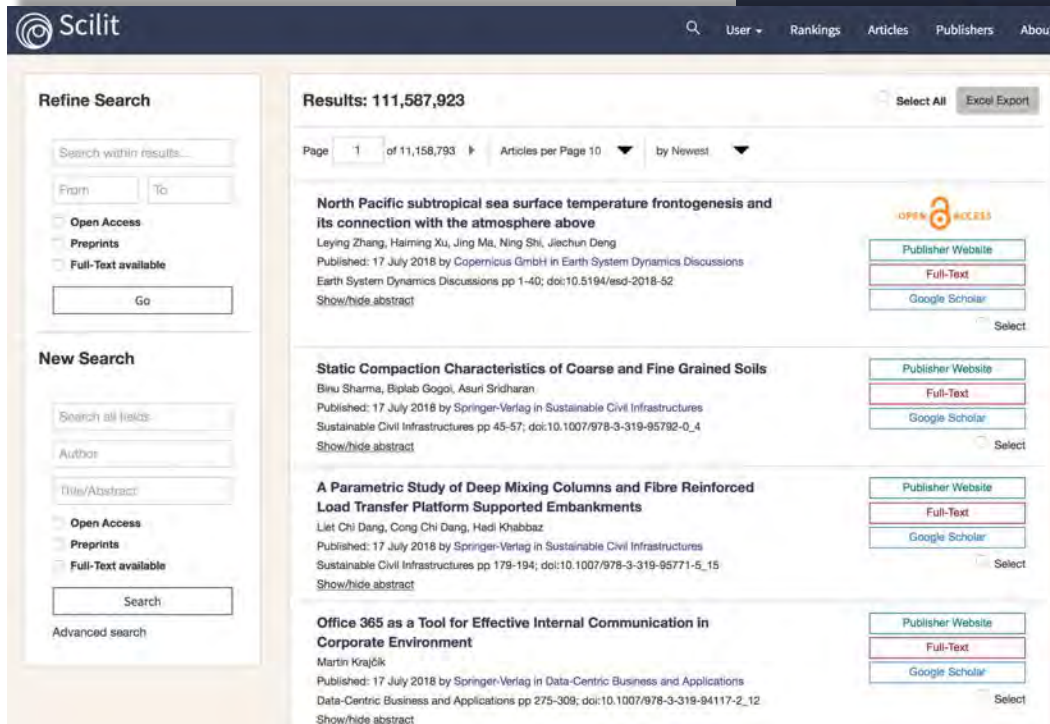
Scilit.net comprehensive, free database for scientists
using a new method to collate data and indexing
scientific material

# Institutional Open Access Program (IOAP)

MDPI has 461 universities signed-up to IOAP

- 10%-25% discount on APCs

- Increased transparency and control – free intuitional access to MDPI's editorial system

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