

Open Access ovvero...

«One of the most exciting and radical events in publishing in recent years»

[Mc Veigh, 2004]

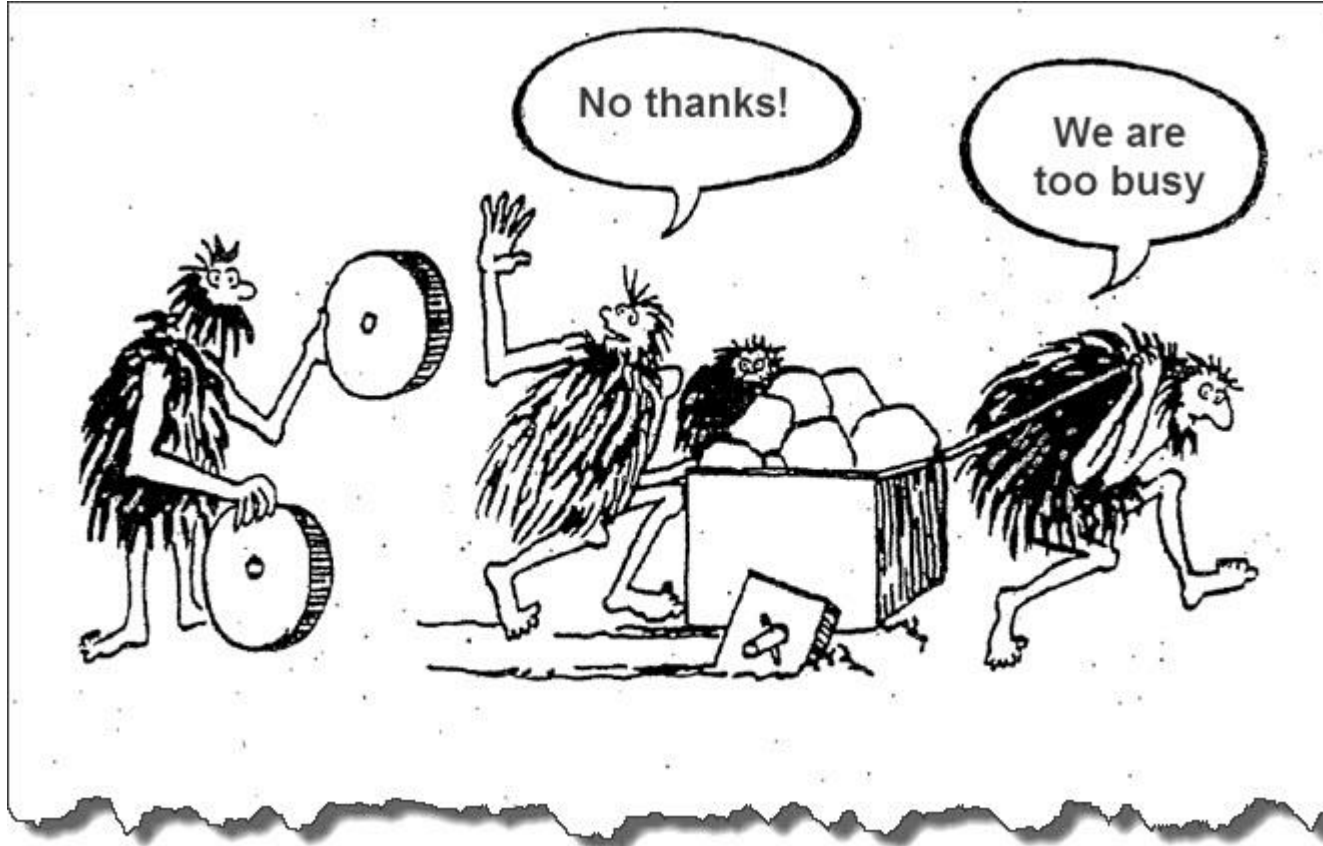
Elena Giglia

Ufficio Accesso aperto ed editoria elettronica
Università di Torino



Quest'opera è distribuita con Licenza [Creative Commons Attribuzione - Condividi allo stesso modo](https://creativecommons.org/licenses/by-sa/4.0/) 4.0 Internazionale

Agenda



Comunicazione scientifica?

I diritti inglesi, frutto della contrattazione con la monarchia e risultato evidente della sconfitta dell'assolutismo regio, nel corso dei secoli subiscono un processo di specificazione, di consolidamento e di allargamento⁵⁸, ma si tratta sempre di diritti di libertà «appannaggio del solo cittadino britannico, acquisiti in circostanze concrete e in rapporto a problemi determinati, di natura politica, religiosa, sociale o economica»⁵⁹. Nascono come libertà concesse dal sovrano (o, meglio, frutto di un patto con il sovrano)⁶⁰, vengono ad essere considerati diritti fondamentali e azionabili anche contro i pubblici poteri, ma la loro fondazione è pur sempre particolaristica e consuetudinaria: essi sono validi ed intangibili in quanto goduti «fin da tempi immemorabili» dal popolo inglese⁶¹.

Il riconoscimento di diritti in capo a ciascun uomo, in base alla sola appartenenza al genere umano, si deve al diritto naturale, che universalizza la titolarità dei diritti e conferisce loro un fondamento assoluto, che prescinde da ogni considerazione di tempo e di spazio, per ancorarsi ad una legge naturale assunta come pre-supposto, come data e indiscutibile.

⁵⁸ Il progressivo allargamento della sfera dei titolari, così come la graduale «costituzionalizzazione» dei diritti, sono connessi – come sottolinea L. BACCHELLI, *Il particolarismo dei diritti. Poteri degli individui e paradossi dell'universalismo*, Carocci, Roma, 1999, p. 25 – alle vicende storico-politiche (quali la lotta fra i baroni e i tentativi «assolutistici» dei Tudor e degli Stuart), ai progressi economico-sociali e anche al pensiero di giuristi (quale, in particolare, Edward Coke).

⁵⁹ G. OESTRICH, *Storia dei diritti*, cit., p. 47.

⁶⁰ Come ricorda C. H. McILWAIN, *Constitutionalism: Ancient and Modern*, Cornell University Press, New York, 1947, trad. it. a cura di N. Matteucci, *Costituzionalismo antico e moderno*, il Mulino, Bologna, 1990, Coke, al quale soprattutto si deve l'estensione dei principi della *Magna Charta*, pensava alla libertà o, meglio, alla libertà dei sudditi come protezione dal governo e ragionava in termini di diritti concreti, identificando le concrete libertà con le franchigie (p. 36).

⁶¹ La *Petition of Right* del 1628 parla, ad esempio, di libertà ereditate e il

Open access to scientific research: where are we and where are we going?

Facts and figures on the occasion of the 2010 Open Access Week (October 18-24)

E. GIGLIA

University of Turin, Turin, Italy

This contribution is aimed at presenting a sort of "state of the art" of Open Access on the occasion of the 2010 International Open Access Week, to be held from October 18 to October 24. We shall see facts and figures about open archives and the mandates to deposit about Open Access journals; about impact and citation advantages for the researchers, and about economic sustainability.

Open Access Week, a global event now entering its fourth year, is an opportunity for the academic and research community to continue to learn about the potential benefits of Open Access, to share what they've learned with colleagues, and to help inspire wider participation in helping to make Open Access a new norm in scholarship and research, as Jennifer McLerran, from SPARC – Scholarly Publishing and Academic Resources Coalition (<http://www.arl.org/spot27/pubs/01>) puts it:

All over the world libraries, libraries, funding agencies, researchers are going to meet and share their best practices and their creative suggestions in order to reach the "Open Access" to scientific information, i.e., with the words of the Berlin Declaration on Open Access to knowledge in the Sciences and Humanities, a free, irrevocable, worldwide, right of access to, and a license to copy, use, distribute, transmit and display the work publicly. Please keep in mind that Open Access (OA) applies only to scientific journal articles – often referred to as "give

away" literature, because authors aren't paid – and that is aimed at maximizing the dissemination of the results of the scientific research, by removing price and permission barriers, leveraging on the means provided by the Internet. The underlying principles are that the results of publicly funded research must be publicly available; knowledge must be free; free-on-line availability for peer-reviewed scholarly articles means a wider access to knowledge, which turns into fostering science and accelerating research worldwide as the motto of the OA Week states, *Learn. Share. Advance.*

In this optic, «Open Access has the potential to maximize research investments, increase the exposure and use of published research, facilitate the ability to conduct research across available literature, and enhance the overall advancement of scholarship» according again to McLennan.¹ Let's try to confirm this statement in facts and figures, reminding yet that each scientific community has its own way to OA, depending on its communication behaviour and specific channels, so we can't reduce this complexity in few numbers.

We have already explored the basic concepts of the OA world some issues ago,² so we won't repeat them. After 5 years, we are now trying to recall the logic, and to stress the main achievements and the ongoing projects. As preliminary reference tools, if you want to learn more on OA, precious starting point collecting principles, instruments, factual lists

Corresponding author: E. Giglia, University of Turin, Via Vercelli 8, 10126 Turin, Italy. E-mail: eterna.giglia@unito.it

Comunicazione scientifica è ...

Accesso

CONSERVAZIONE

GESTIONE DEI
DIRITTI
(autori, lettori,
editori)

Produzione

Economia
(e profitti)

Costi

(reali e di mercato – «anelastico»)

Tecnologia

Nuovi modelli
(e loro sostenibilità)

Canali
(monografie, riviste...)

VALUTAZIONE
DELLA RICERCA

Open Access nel ciclo della comunicazione scientifica



Il meccanismo nelle riviste



Submission

Peer review

Acceptance/
rejection

Publication

Non c'è compenso
economico

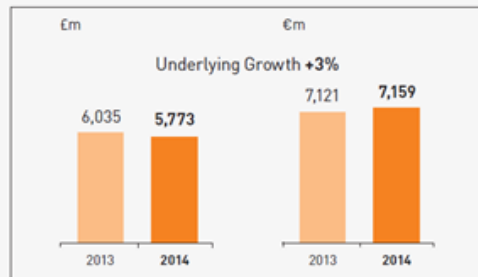
Ritorno
atteso:
reputazione,
citazioni

Parliamo di soldi

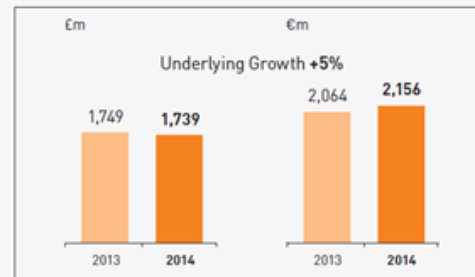
<https://www.elsevier.com/about/company-information/annual-reports>

Reed Elsevier combined businesses

REVENUE



ADJUSTED OPERATING PROFIT



WILEY

For the Years Ended April 30,

Dollars in millions (except per share data)	2015	2014	2013	2012	2011
Revenue	\$1,822.4	\$1,775.2	\$1,760.8	\$1,782.7	\$1,742.6
Operating Income (a-c)	237.7	206.7	199.4	280.4	248.1
Net Income (a-d)	176.9	160.5	144.2	212.7	171.9
Working Capital (e)	(62.8)	60.1	(32.2)	(66.3)	(228.9)
Deferred Revenue in Working Capital (e)	(372.1)	(385.7)	(363.0)	(342.0)	(321.4)
Total Assets	3,004.2	3,077.4	2,806.4	2,532.9	2,430.1
Total Liabilities	656.4	670.1	673.0	475.0	330.5

<http://eu.wiley.com/WileyCDA/Section/Id-370237.html>

<http://www.springer.com/gp/about-springer/company-information>

Financial performance

Springer Science+Business Media S.A. achieved sales of €981.1 m in FY 2012 which is growth of approximately 2.9% from FY 2011 (adjusted for acquisitions/divestments and for the changes in the underlying currency exchange rates). FY 2012 adjusted EBITDA is €342.8m which is growth of approximately 5% from FY 2011 (also adjusted for acquisitions/divestments and for the changes in the underlying currency exchange rates).

The Economist

Log in | Register | Subscribe

Digital & mobile

World politics | Business & finance | Economics | Science & technology | Culture | The World

Academic publishing

Of goats and headaches

One of the best media businesses is also one of the most resented

May 26th 2011 | from the print edition

Like <765 Tweet <487

HOW much would you pay for an annual subscription to *Small Ruminant Research*, *Queueing Systems* or *Headache*? University librarians pay rather a lot. In Britain, 65% of the money spent on content in academic libraries goes on journals, up from a little more than half ten years ago. With budgets tight, librarians are trying to resist price increases. But Derk Haank, the chief executive of Springer, a big publisher, is firm: "We have to make a living as well."

And what a living it is. Academic journals generally get their articles for nothing and may pay little to editors and peer reviewers. They sell to the very universities that provide that cheap labour. As other media falter, academic publishers have soared. Elsevier, the biggest publisher of journals with almost 2,000 titles, cruised through the recession. Last year it made £724m (\$1.1 billion) on revenues of £2 billion—an operating-profit margin of 36%.

Academic publishers have jumped deftly from paper to the internet. For more than a decade the dominant model has been the "big deal". Publishers sell access to large bundles of electronic journals for a price based on what colleges used to pay for paper



Something to chew on

Il contesto

Knowledge economy

...l'informazione
è strategica

ISI (Impact Factor)=
Thomson Reuters

...to Google
or not to Google
= to be or not to be

Data-
intensive
science

Academic social
networks

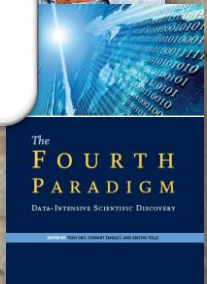
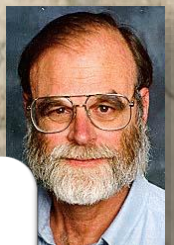
the omnicor company
THOMSON REUTERS Products & Services

Home > Press Releases > Thomson Reuters Announces Definitive Agreement to Sell its Intellectual Property & Science Business

JUL 11, 2010
Thomson Reuters Announces Definitive Agreement to Sell its Intellectual Property & Science Business to Onex and Baring Asia for \$3.55 billion

NEW YORK - Thomson Reuters (TSX/NYSE: TRI) today announced that it has entered into a definitive agreement to sell its Intellectual Property & Science business to private equity funds affiliated with Onex Corporation ("Onex") and Baring Private Equity Asia ("Baring Asia") for \$3.55 billion in cash.

The sale is subject to regulatory approval and customary closing conditions, including the expiration or termination of applicable waiting periods under the Hart-Scott-Rodino Antitrust Improvements Act, and is expected to close in the next few months. The sale is not subject to





101 INNOVATIONS IN SCHOLARLY COMMUNICATION



Jeroen Bosman @jeroenbosman
Utrecht University Library

Most important developments in 6 research workflow phases

Science is in transition. This post phase of a project aiming to char communication flows from evol

	Discovery	Analysis	Writing	Publication	Outreach	Assessment
Trends	social discovery tools	datadriven & crowdsourced science	collaborative online writing	Open Access & data publication	scholarly social media	article level (alt)metrics
Expectations	growing importance of data discovery	more online analysis tools	more integration with publication & assessment tools	more use of "publish first, judge later"	use of altmetrics for monitoring outreach	more open and post-publication peer review
Uncertainties	support for full-text search and text mining	willingness to share in analysis phase	acceptance of collaborative online writing	effect of journal/publisher status	requirements of funders & institutions	who pays for costly qualitative assessment?
Opportunities	discovery based on aggregated OA full text	open labnotes	semantic tagging while writing/citing	reader-side paper formatting	using repositories for institutional visibility	using author-, publication- and affiliation-IDs
Challenges				globalization of	making outreach a two-way discussion	quality of measuring tools

Most important term development					more & better connected researcher profiles	importance of societal relevance + non-publication contributions
Potential disruptive developments					public access to research findings, also for agenda setting	moving away from simple quantitative indicators



<https://101innovations.wordpress.com/>
Survey of scholarly communication tool usage



Comunicazione scientifica oggi, ovvero...



Scholarly Infrastructure an obscenely expensive anachronism



... i servizi a valore aggiunto?

ScienceDirect

Journals Books Sign in

Download PDF Export Search ScienceDirect Advanced search

Article outline

Highlights

Abstract

Keywords

1. Introduction

2. Method

3. Results

4. Discussion

5. Conclusions

Acknowledgements

Appendix A. Supplementary data

References

Figures and tables

Table 1

Table 2

Table 3

Table 4

upi0006

upi0010

upi0016

Journal of Informetrics

Volume 7, Issue 4, October 2013, Pages 914–923

The publishing delay in scholarly peer-reviewed journals

Bo-Christer Björk*, David Solomon*

doi:10.1016/j.joi.2013.09.001

Get rights as

Highlights

- Review and publication times vary significantly by discipline.
- Most of the variation in review time is among articles within a journal.
- Most of the variation in publication time is among journals.
- Review and publication times tend to be shorter for open access journals.

Abstract

Publishing in scholarly peer reviewed journals usually entails long delays from submission to publication. In part this is due to the length of the peer review process in part because of the dominating tradition of publication in issues, earlier a necessary paper-based publishing, which creates backlogs of manuscripts waiting in line. These delays slow the dissemination of scholarship and can provide a significant burden on academic careers of authors.

17.000 volumi, 900 novità, oltre 80 periodici, più di 30.000 autori...

dal 1955 il più grande catalogo specializzato in Italia

FrancoAngeli

Edizioni La passione per le conoscenze

Ricerca autore, titolo, tema...

Ricerca argomento

Riviste

Elenco e sommari delle riviste

Non sei ancora registrato?

Registrati qui per usufruire di tutti i servizi, ricevere le nostre promozioni, le anticipazioni...

Elenco alfabetico delle riviste

Riviste (in corso) per discipline

Come effettuare una ricerca

Servizi per gli Autori

Servizi per biblioteche ed enti

Come abbonarsi alla versione cartacea

Come abbonarsi alla versione online

Servizi online per atenei

Servizi per utenti privati

Abbonarsi ad una versione cartacea o online

Scaricare un articolo online

Il costo di un download credit

Acquistare un download credit

RIVISTA DI STORIA DELLA FILOSOFIA

Fondata da Mario Dal Pra

4 fascicoli all'anno, ISSN 0393-2516, ISSN 1972-5558

Prezzo fascicolo (inclusi arretrati): € 22,50

Prezzo fascicolo e-book (inclusi arretrati): € 19,00

Canoni 2016

Biblioteche, Enti, Società:

cartaceo (IVA inclusa): Italia € 88,50; Estero € 142,50

solo online (IVA esclusa): € 98,00

Info abbonamenti cartaceo Info licenze online

Atenei:

online (con arretrati, accesso perpetuo, formula plus)

Info licenze online

Privati:

cartaceo Italia € 79,00; cartaceo Estero € 124,50; solo online (privati) € 67,50

Info abbonamenti

Abbonati qui

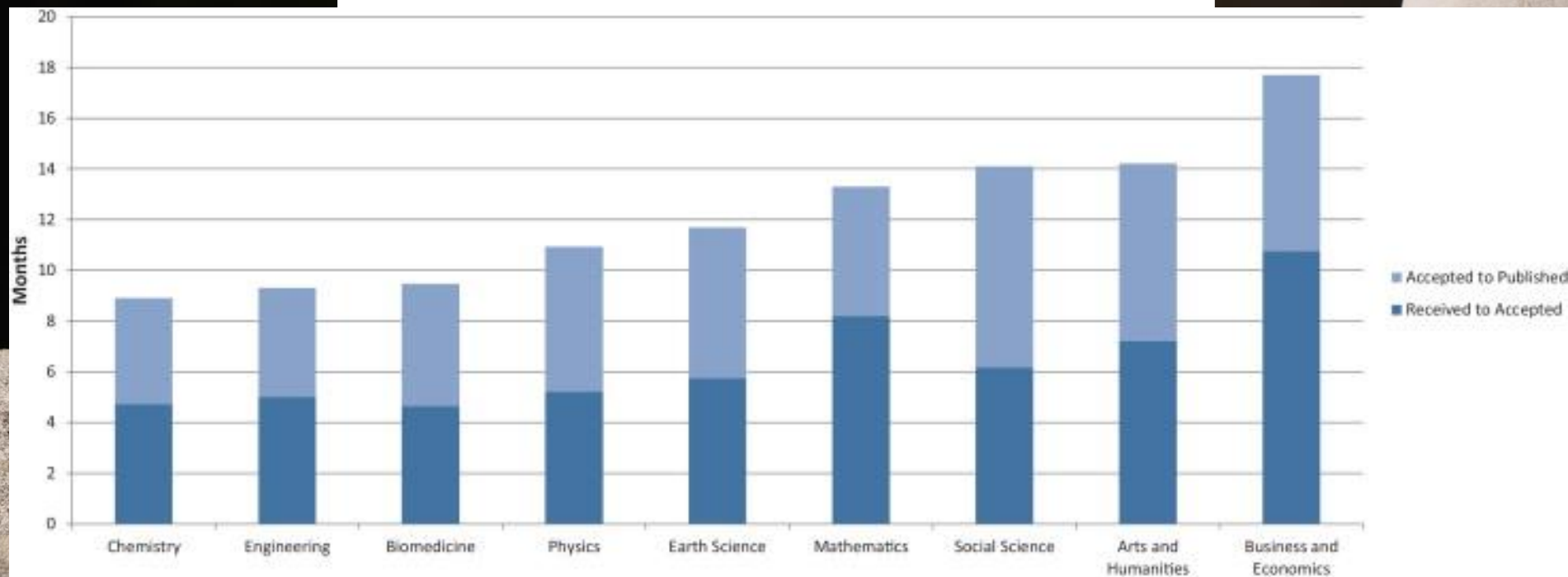
cartaceo Italia (privati) € 79,00

Progetto e fini Direzione editoriale Contatti Referee Ranking Indicizzazione

... spesso,
servizi preistorici

... la rapidità di pubblicazione?

Tempi medi di pubblicazione su rivista per disciplina



... da 9 a 18 mesi...

... e l'efficacia?

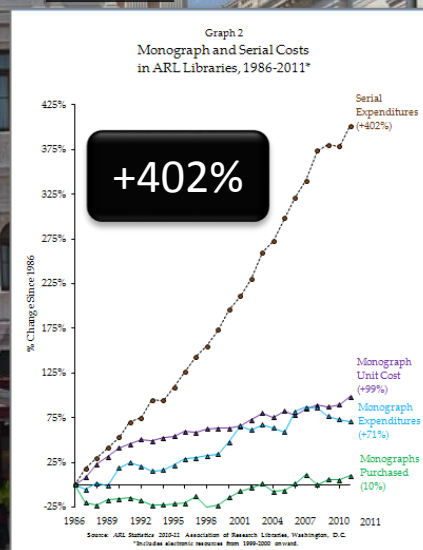
Il paradosso

1. stipendio

tagli ai budget=
minore possibilità
di leggere
di essere letti

... nell'era del web in cui
tutto è disponibile...

ARL Statistics



Reed Elsevier chief Erik Engstrom took home £4.5m last year

Reed Elsevier, group behind Lancet, LexisNexis and Comic-Con expo, enjoyed best year since Anglo-Dutch merger in 1993



© Fans cheer as Wonder Woman at Comic-Con in San Diego. The world's largest comic festival is just one of Reed Elsevier's brands. Photograph: Sandy Haffner/Corbis

Erik Engstrom, chief executive of Reed Elsevier, received almost £4.5m in remuneration and share awards last year.

Elsevier CEO

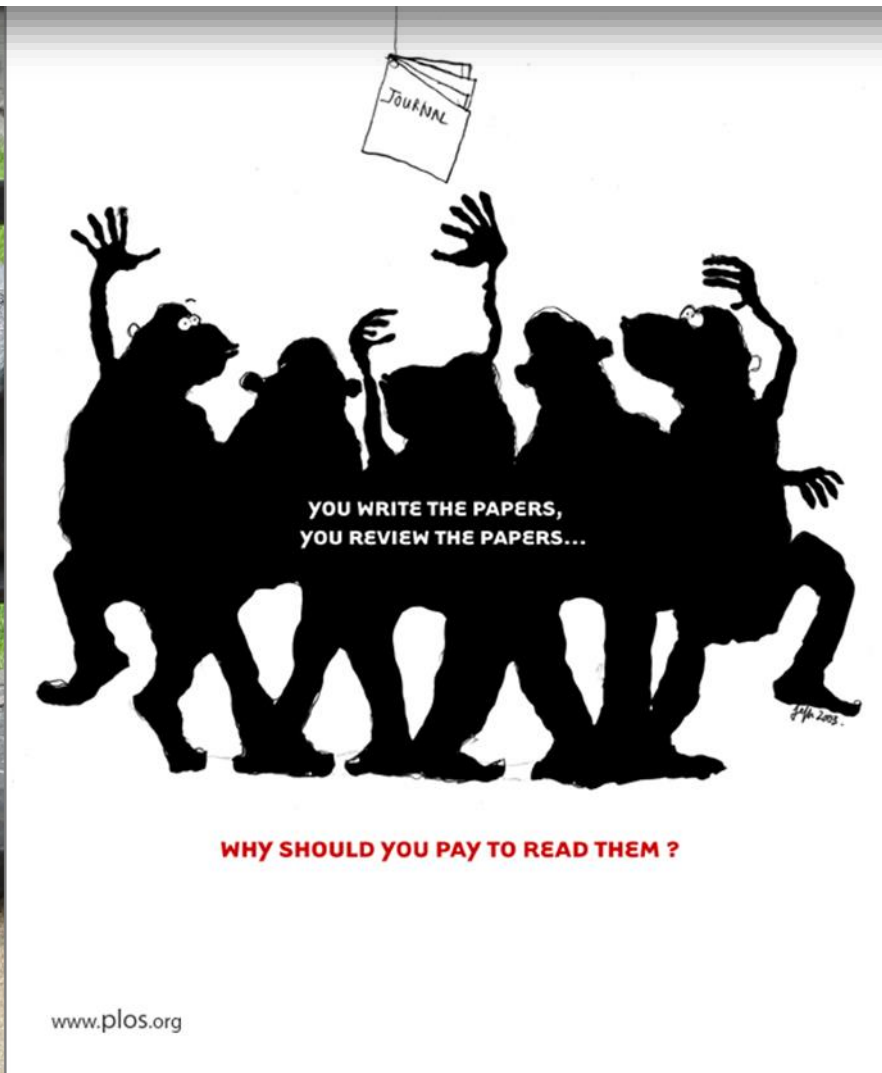
The company - owner of a diverse range of assets including the Lancet, the

The Economist

It has, ...ood bash. The
current ... other people's work,
submitted ... nothing by third parties
in a process called peer review, has been immensely
profitable. Elsevier, a Dutch firm that is the world's biggest
journal publisher, had a margin last year of 38% on revenues
of £3.2 billion. Springer, a German firm that is the
second biggest journal publisher, made 36% on sales of
£1.1 billion in 2011 (the most recent year for which
figures are available). Such firms are ...
Free for all, 4 May 2013

Elsevier: +38%

publications. **Universities, libraries, and researchers** are increasingly questioning whether this model makes sense. After all, universities usually pay the salaries of both the researchers that write the papers and of the referees who conduct peer review. Elsevier's business model **has been compared** to a restaurant where the customers bring the ingredients, do all the cooking, and then get hit with a \$10,000 bill.



Efficacia ovvero.



Scott Robison

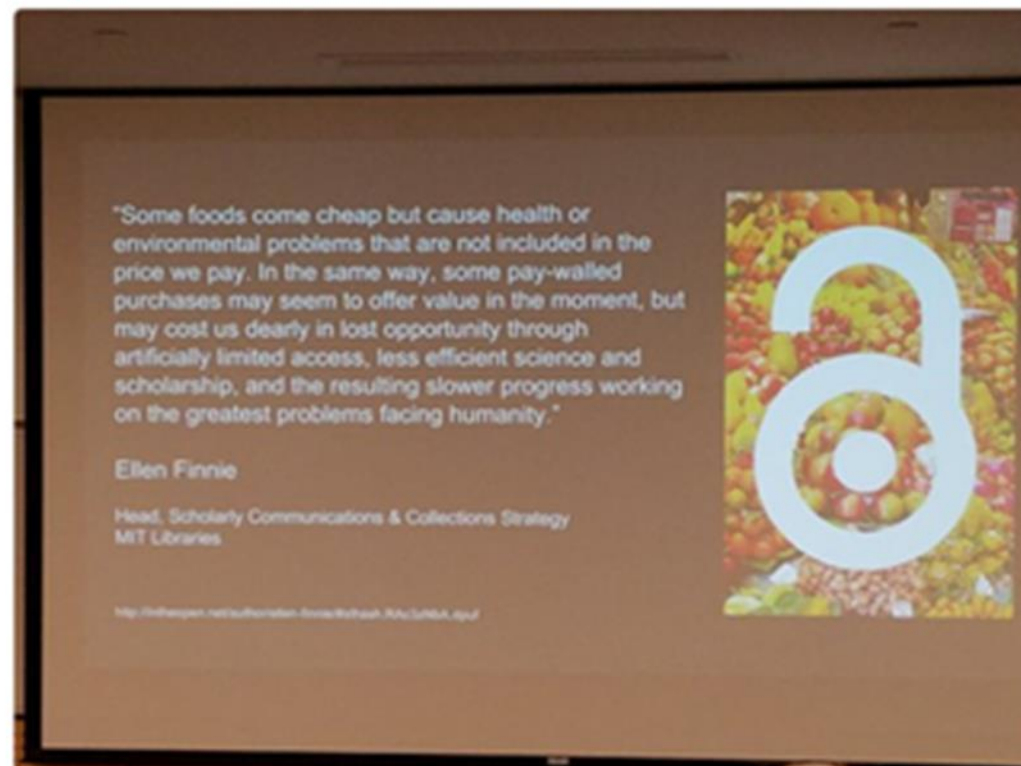
@OtterScotter



Follow

Real consequences of paywalled journals.

#openaccess #USNHshare



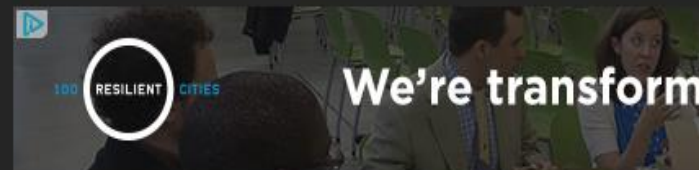
RETWEETS
21

LIKES
14



... pagare gli editori commerciali perché mettano sotto chiave il nostro contenuto...

Efficacia ...



MAIN MENU ▾

MY STORIES: 24 ▾

FORUMS

SCIENTIFIC METHOD / SCIENCE & EXPLORATION

Open access: All human knowledge is there —so why can't everybody access it?

We paid for the research with taxes, and Internet sharing is easy. What's the hold-up?

by Glyn Moody - Jun 7, 2016 9:35am CEST



Share



Tweet



Email

22



<http://arstechnica.co.uk/science/2016/06/what-is-open-access-free-sharing-of-all-human-knowledge/>

Digitisation and the Internet ought to mean we have all of this at our fingertips: so why don't we?

Trasparenza sui co

 <https://olh.openlibhums.org/articles/10.16995/olh.72/>

Open Library of Humanities

Reading: Opening the Black Box of Scholarly Communication
Funding: A Public Data Infrastructure for F...

Share:    

Article

Opening the Black Box of Scholarly Communication Funding: A Public Data Infrastructure for Financial Flows in Academic Publishing

Authors: Stuart Lawson , Jonathan Gray, Michele Mauri

4784 Views	343 Downloads	267 Twitter
---------------	------------------	----------------

 Published on 11 Apr 2016  Peer Reviewed  CC 0

	2010	2011	2012	2013	2014
Elsevier	£34,177,020	£36,781,827	£39,079,332	£39,476,813	£39,812,145
Wiley	£13,460,226	£14,662,250	£15,616,311	£16,369,917	£16,875,190
Springer	£7,311,046	£7,309,094	£7,906,177	£7,940,116	£8,542,997
Taylor & Francis	£8,319,095	£9,140,572	£9,710,528	£10,084,350	£10,828,334
Sage	£4,495,313	£5,085,196	£5,608,296	£5,869,791	£5,990,818
Oxford University Press	£1,996,163	£2,163,242	£2,395,136	£2,669,757	£2,925,607
Cambridge University Press	£1,447,978	£1,462,214	£1,690,078	£1,832,177	£1,885,485
Nature Publishing Group	£2,998,040	£3,593,308	£4,066,962	£4,273,822	£4,430,900
Royal Society of Chemistry	£806,129	£867,752	£1,062,237	£1,062,948	£1,101,860
Institute of Physics Publishing	£1,091,517	£1,119,070	£1,197,958	£1,279,691	£1,373,533
Total for these 10 publishers	£76,102,528	£82,184,527	£88,333,015	£90,859,384	£93,766,870

Big deals devastanti perché

- negoziano pacchetti non più singoli titoli
- hanno non-disclosure clauses

Per avere i dati hanno dovuto ricorrere al Freedom of Information Act...
vi sembra normale???????

... e i diritti?

GLI EDITORI
PRETENDONO LA
CESSIONE,
SPOGLIANDOVI
DI TUTTI I DIRITTI

Art. 19 I diritti di sfruttamento
economico sono fra di loro
INDIPENDENTI

LEGGE 22 aprile 1941, n. 633
Protezione del diritto d'autore e

vigenti al 24-11-2015

Articoli

TITOLO I
DISPOSIZIONI SUL DIRITTO
DI AUTORE

CAPO I
Opere protette

1

2

3

4

5

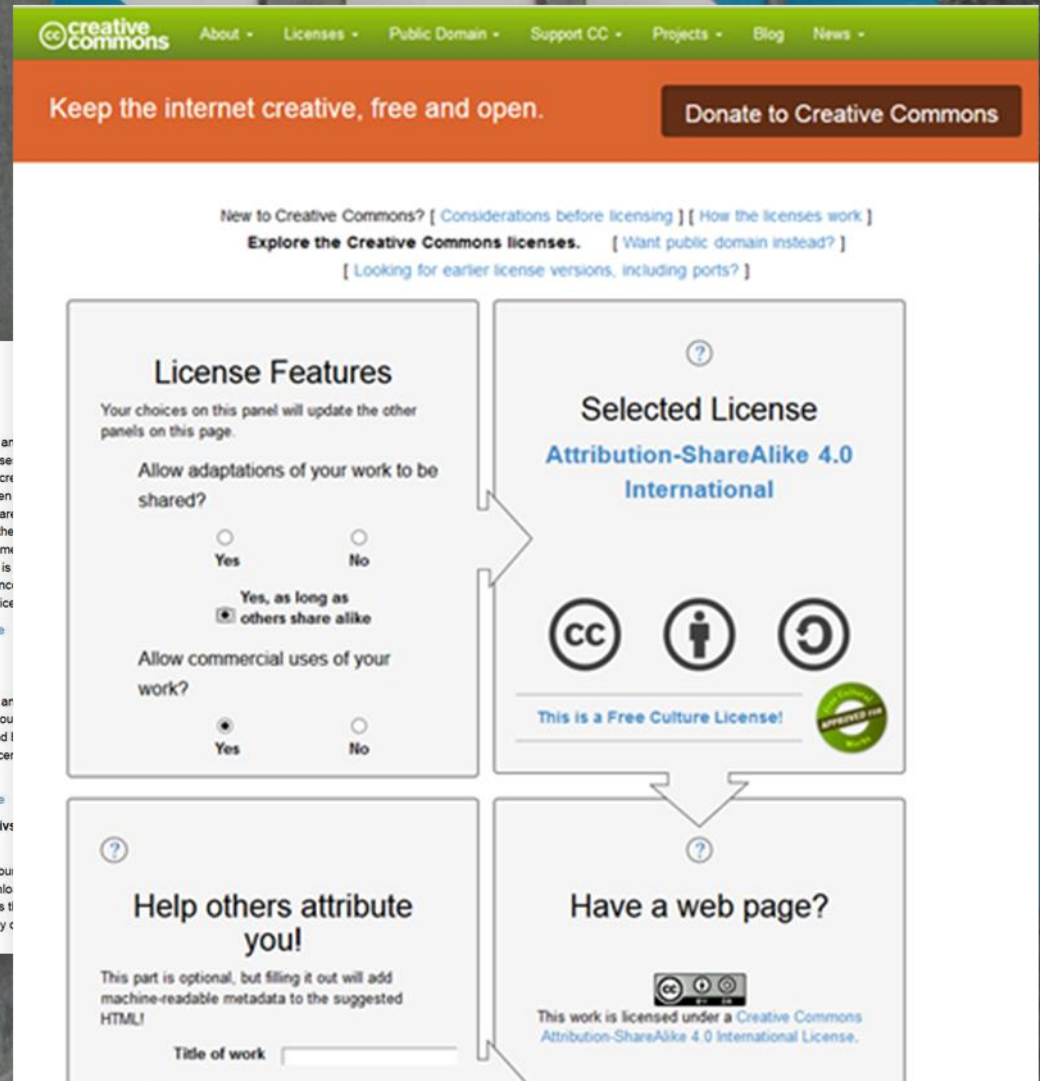


Immagini e testi online: il diritto d'autore alla prova del web

[Video](#)

[Slides](#)

... e i diritti? / 2



The image shows the Creative Commons website header and the license selection interface. The header includes the Creative Commons logo, navigation links (About, Licenses, Public Domain, Support CC, Projects, Blog, News), and a green bar with the text "Keep the internet creative, free and open." and a "Donate to Creative Commons" button. Below the header, there are links for "New to Creative Commons?", "Explore the Creative Commons licenses.", and "Looking for earlier license versions, including ports?". The main content area is divided into four panels: "License Features", "Selected License", "Help others attribute you!", and "Have a web page?".

License Features
Your choices on this panel will update the other panels on this page.

Allow adaptations of your work to be shared?

☐ Yes ☐ No

Yes, as long as
☒ others share alike

Allow commercial uses of your work?

☒ Yes ☐ No

Selected License
Attribution-ShareAlike 4.0 International

This is a Free Culture License!

Help others attribute you!
This part is optional, but filling it out will add machine-readable metadata to the suggested HTML!

Title of work

Have a web page?
This work is licensed under a Creative Commons Attribution-ShareAlike 4.0 International License.

The Licenses



Attribution CC BY

This license lets others distribute, remix, tweak, and build upon your work, even commercially, as long as they credit you for the original creation. This is the most accommodating of licenses offered. Recommended for maximum dissemination and use of licensed materials.

[View License Deed](#) | [View Legal Code](#)



Attribution-NonCommercial CC BY-NC

This license allows for redistribution, commercial and non-commercial, as long as it is passed along unchanged and in whole, with credit to you.

[View License Deed](#) | [View Legal Code](#)



Attribution-NonCommercial-ShareAlike CC BY-NC-SA

This license lets others remix, tweak, and build upon your work non-commercially, as long as they credit you and license their new creations under the identical terms.

[View License Deed](#) | [View Legal Code](#)



Attribution-ShareAlike CC BY-SA

This license lets others remix, tweak, and build upon your work even for commercial purposes, as long as they credit you and license their new creations under the identical terms. This license is often "copyleft" free and open source software new works based on yours will carry the same license, so any derivatives will also allow commercial use. The license is used by Wikipedia, and is for materials that would benefit from being shared under the same license.

[View License Deed](#) | [View Legal Code](#)



Attribution-NonCommercial CC BY-NC

This license lets others remix, tweak, and build upon your work non-commercially, and although works must also acknowledge you and your work, they don't have to license their derivative works on the same terms.

[View License Deed](#) | [View Legal Code](#)



Attribution-NonCommercial-NonDerivs CC BY-NC-ND

This license is the most restrictive of our licenses, only allowing others to download and share your work only under the same license, but they can't change them in any way or use them commercially.

Un concetto chiave:

- Diritti in entrata (ho i diritti per utilizzare materiale altrui?)
- Diritti in uscita (quali diritti associa alla mia opera? Cosa concedo di fare della mia opera?)

[Uno scontro in atto]



<http://www.oa.unito.it/new/open-research-data-and-open-science/>

Why academics need to lobby for copyright reform – now

<https://juliareda.eu/2015/09/academics-for-copyright-reform/>

This speech was given at EPIP 2015 in Glasgow, UK on September 2nd, 2015



Date: 10.09.15
Category: General
Comments: 1
Author: Julia Reda



MEP Julia Reda
Greens/EFA, Pirate Party

If we consider evidence-based policy making a desirable goal, then we need to take a stand for research and education.

“CURRENTLY, COPYRIGHT IS UNDERMINING OUR ABILITY TO CONDUCT RESEARCH”

TWEET THIS!

The current copyright regime is undermining our ability to

produce e

and not jus

Decreasing

for research

Commission

Parliament



JULIA REDA

search

Me for You in Europe • EU copyright evaluation • Dieselgate investigation • Lobby meetings • Events • P

Despite denials, copyright reform plans by European Commission are an attack on the freedom to link

My
goal

The retrograde **copyright reform plans** Commissioner Oettinger presented today spell disaster for the internet. Oettinger has let copyright reform be hijacked by corporate interests and turned a blind eye to the needs of artists and users. This attempt to remake the web to accommodate analogue business models is doomed to fail at great cost.

<https://juliareda.eu/2016/09/attack-on-link/>

- ▶ new exceptions for libraries and archives
- ▶ legal protection of the public domain
- ▶ protection of exceptions and limitations from contractual override
- ▶ fully harmonising copyright terms at the lowest levels that currently exist in the EU
- ▶ a comprehensive set of users' rights

These reforms are within reach. But the proposals are heavily attacked by scientific publishers. In a situation where scientific publishers are among the most profitable businesses in the world, and universities are not just spending significant proportions of their budgets on licences, but also on navigating and negotiating terms of an overly complex copyright system, resources are unnecessarily diverted from creating sound evidence.

... e la garanzia della peer review?

Table 3. Most cited retracted articles

First author	Journal	Year published	Year retracted	Times cited*	Reason for retraction
Wakefield	<i>Lancet</i>	1998	2004; 2010	758	Fraud
Reyes	<i>Blood</i>	2001	2009	740	Error
Fukuhara	<i>Science</i>	2005	2007	686	Error
Nakao	<i>Lancet</i>	2003	2009	626	Fraud
Chang	<i>Science</i>	2001	2006	512	Error
Kugler	<i>Nature Medicine</i>	2000	2003	494	Fraud
Rubio	<i>Cancer Research</i>	2005	2010	457	Error
Gowen	<i>Science</i>	1998	2003	395	Fraud
Makarova	<i>Nature</i>	2001	2006	375	Error
Hwang	<i>Science</i>	2004	2006	368	Fraud
Potti	<i>The New England Journal of Medicine</i>	2006	2011	361	Fraud
Brugger	<i>The New England Journal of Medicine</i>	1995	2001	336	Fraud
Van Parijs	<i>Immunity</i>	1999	2009	330	Fraud
Potti	<i>Nature Medicine</i>	2006	2011	328	Fraud
Schön	<i>Science</i>	2000	2002	297	Fraud
Chiu	<i>Nature</i>	2005	2010	281	Error
Cooper	<i>Science</i>	1997	2005	264	Fraud
Le Page	<i>Cell</i>	2000	2005	262	Error
Kawasaki	<i>Nature</i>	2004	2006	243	Fraud
Hwang	<i>Science</i>	2005	2006	234	Error

*As of June 22, 2012.

www.pnas.org/cgi/doi/10.1073/pnas.1212247109

Fang et al.

Retraction Watch

Tracking retracts

The Retraction Watch Leaderboard

with 18 comments

Who has the most retractions? Here's our unofficial list (see notes on methodology), which we'll update as more information comes to light:

1. Yoshitaka Fujii (total retractions: 183) Sources: [Final report of investigating committee](#), [our reporting](#)
2. Joachim Boldt (94) Sources: [Editors in chief statement](#), [additional coverage](#)
3. Diederik Stapel (58) Source: [Our cataloging](#)
4. Adrian Maxim (48) Source: [IEEE database](#)
5. Peter Chen (Chen-Yuan Chen) (43) Source: [SAGE](#), [our cataloging](#)
6. Hua Zhong (41) Source: [Journal](#)
7. Shigeaki Kato (39) Source: [Our cataloging](#)
8. James Hunton (37) Source: [Our cataloging](#)
9. Hendrik Schön (36) Sources: PubMed and Thomson Scientific
10. Hyung-In Moon (35) Source: [Our cataloging](#)
11. Naoki Mori (32) Source: PubMed, [our cataloging](#)

Retraction Watch

Tracking retractions as

Weekend reads: Improper influence by NFL; dissertations for sale; how common is failure to reproduce?

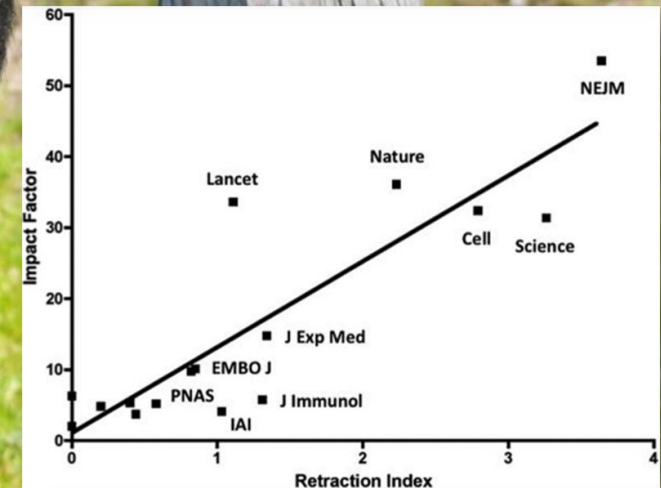
with 7 comments

The week at Retraction Watch featured [controversy over an economics paper](#), and a report of a researcher who [faked more than 70 experiments](#). Here's what was happening elsewhere: [Read the rest of this entry »](#)



Written by Ivan Oransky
May 28th, 2016 at 9:30 am

<http://retractionwatch.com/>



ed Science and the Retraction Index, *Infection and Immunity*, 2011; 79(10): 3855–3859

... e la riproducibilità



Rival Scientists Cast Doubt Upon Recent Discovery About Invincible Animals

A recent claim that tardigrades got a sixth of their DNA from microbes is starting to unravel.



ED YONG DEC 4, 2015 [Science Atlantic blog, Dec 4 2015](#)

Home | News & Comment | Research | Careers & Jobs | Current Issue | Archive | Audio & Video | For Authors

News & Comment | News | 2016 | June | Article

NATURE | NEWS

Sluggish data sharing hampers reproducibility effort

Initiative trying to validate 50 cancer papers finds difficulty in accessing original study data.

Richard Van Noorden

03 June 2015

[doi:10.1038/nature.2015.17694](https://doi.org/10.1038/nature.2015.17694)

THE LANCET

Volume 383, Issue 9912, 11–17 January 2014, Pages 166–175



Series

[doi:10.1016/S0140-6736\(13\)62227-8](https://doi.org/10.1016/S0140-6736(13)62227-8)

Increasing value and reducing waste in research design, conduct, and analysis

Prof John P A Ioannidis, MD^{1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99,100}, Prof Sander Greenland, DrPH¹, Prof Mark A Hlatky, MD^{1,2}, Muin J Khoury, MD^{1,2}, Prof Malcolm R Macleod, PhD¹, Prof David Moher, PhD^{1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99,100}, Prof Kenneth F Schulz, PhD^{1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99,100}, Prof Robert Tibshirani, PhD^{1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99,100}

These issues are often related to misuse of statistical methods, which is accentuated by inadequate training in methods. For example, a study² of reports published in 2001 showed that p values did not correspond to the given test statistics in 38% of articles published in *Nature* and 25% in the *British Medical Journal*. Prevalent conflicts of interest can also affect the design, analysis, and interpretation of results. Problems in study design go beyond statistical analysis, and are shown by the poor reproducibility of research. Researchers at Bayer³ could not replicate 43 of 67 oncological and cardiovascular findings reported in academic publications. Researchers at Amgen could not reproduce 47 of 53 landmark oncological findings for potential drug targets.⁴ The current system places insufficient emphasis on investigators doing rigorous obtaining reproducible results.

thebmj

Research

Education

News & Views

Campaigns

Archive

<http://www.bmj.com/content/351/bmj.h4320>

Research

Restoring Study 329: efficacy and harms of paroxetine and imipramine in treatment of major depression in adolescence

BMJ 2015; 351 doi: [http://dx.doi.org/10.1136/bmj.h4320](https://doi.org/10.1136/bmj.h4320) (Published 16 September 2015)

Cite this as: BMJ 2015;351:h4320

Conclusions Neither paroxetine nor high dose imipramine showed efficacy for major depression in adolescents, and there was an increase in harms with both drugs. Access to primary data from trials has important implications for both clinical practice and research, including that published conclusions about efficacy and safety should not be read as authoritative. The reanalysis of Study 329 illustrates the necessity of making primary trial data and protocols available to increase the rigour of the evidence base.

... e il prestigio dell'Impact Factor? / 2

Archivum Immunologiae et Therapiae Experimentalis
August 2008, Volume 56, Issue 4, pp 223-226

The top-ten in journal impact factor manipulation

Matthew E. Falagas MD, MSc, DSc., Vangelis G. Alexiou

1. Requiring revision of the manuscript references section and inclusion of articles published in the editor's journal or affiliate journals
2. Publishing summaries of articles with relevant citations to them (usually in the form of "what was published in the journal last year")
3. Inflating self-citation through editorials and readers' comments on published articles
4. Publishing articles that add citations to the nominator but which are not counted as "citable"
5. Publishing a larger percentage of review articles over less-cited articles, including original research and, especially, case reports
6. Rejecting negative studies, regardless of their quality
7. Rejecting confirmatory studies
8. Favoring the acceptance of articles originating from large and scientifically active research groups as well as articles with a large number of authors
9. Attracting the work of renowned scientists and leaders of research regardless of the real quality
10. Publishing mainly popular science articles that deal with "hot" topics

PLOS MEDICINE

OPEN ACCESS

EDITORIAL

The Impact Factor Game

The PLoS Medicine Editors

The PLoS Medicine Editors
(2006) [The Impact Factor Game](#). PLoS Med 3(6): e291

$$\text{IF anno X} = \frac{\text{citazioni nell'anno X} \\ \text{ad articoli usciti in anni X-1 e X-2}}{\text{totale articoli «citabili»} \\ \text{pubblicati negli anni X-1 e X-2}}$$

... e il prestigio dell'Impact Factor? / 3



ISI Web of Knowledge™
Journal Citation Reports®
2002 CR Science Edition

Journal: CURRENT BIOLOGY

Mark	Journal Title	ISSN	Total Cites	Impact Factor	Immediacy Index	Citable Items	Cited Half-life	Citing Half-life
<input type="checkbox"/>	CURR BIOL	0960-9822	20020	7.007	2.713	341	3.5	3.7

[Cited Journal](#) [Citing Journal](#) [Source Data](#) [Journal Self Cites](#)

Journal Impact Factor

Cites in 2002 to items published in: 2001 = 3314
2000 = 3917
Sum: 7231
Calculation: Cites to recent items 7231 = 7.007
Number of recent items 1032

Number of items published in: 2001 = 528
2000 = 504
Sum: 1032

ISI Web of Knowledge™
Journal Citation Reports®
2003 CR Science Edition

Journal: CURRENT BIOLOGY

Mark	Journal Title	ISSN	Total Cites	Impact Factor	Immediacy Index	Citable Items	Cited Half-life	Citing Half-life
<input type="checkbox"/>	CURR BIOL	0960-9822	22589	11.910	2.683	331	3.8	4.0

[Cited Journal](#) [Citing Journal](#) [Source Data](#) [Journal Self Cites](#)

Journal Impact Factor

Cites in 2003 to items published in: 2002 = 3628
2001 = 3923
Sum: 7551
Calculation: Cites to recent items 7551 = 11.910
Number of recent items 634

Number of items published in: 2002 = 334
2001 = 300
Sum: 634

... e il prestigio dell'Impact Factor? / 4



Times Higher Education, 5 Nov 2015

PROFESSIONAL JOBS RANKINGS STUDENT

Journal impact factors 'no longer credible'

The measure of scholarly impact is now being manipulated so much that it has ceased to be meaningful, editorial claims

November 5, 2015



By David Matthews Twitter: @DavidMJournal



Catriona MacCallum and 1 other Retweeted



Max Planck Society @maxplanckpress · Nov 15

"How much has your research changed the world -- that's **impact**! And **Impact** Factors have nothing to do with that." @DavidSweeneyNPR #OpenCon

81 48

OAI9 and 22 others follow



Jon Velterop @villavelius · Nov 14

@barendmons: "The usefulness of an article at the bench, in the field, is inversely related to the **impact** factor of the journal." #opencon

13 12



Erin McKiernan @emckiernan13 · Nov 14

#opencon @brembs: Higher **impact** factor --> higher retraction rate. "We're selecting for people who publish unreliable research."

13 12

hjoseph Retweeted



Erin McKiernan @emckiernan13 · Nov 14

#opencon @brembs says, "the **impact** factor is a made up number" and asks, "is journal prestige like astrology?"

7 10

...scienza o competizione?

"People game the system at every level and this risks the loss of valuable research in favour of fashionable research."

<https://royalsociety.org/events/2015/04/future-of-scholarly-scientific-communication-part-1/>

dating more International
theguardian
browse all sections

Cut-throat academia leads to 'natural selection of bad science', claims study

Scientists incentivised to publish surprising results frequently in major journals, despite risk that such findings are likely to be wrong, suggests research



publishing novel work often and in high-profile journals, suggests research for the Guardian

<https://goo.gl/IUb5WZ>

Scientific Utopia: II. Restructuring Incentives and Practices to Promote Truth Over Publishability

Brian A. Nosek, Jeffrey R. Spies, and Matt M. Heine
University of Virginia

Abstract

An academic scientist's professional success depends on such, disciplinary incentives encourage design, analysis, and results. Prior reports demonstrate how these incentives in favor novelty over replication false results persist in the literature.

aps
ASSOCIATION FOR
PSYCHOLOGICAL SCIENCE

Perspectives on Psychological Science
7(6) 615-631
© The Author(s) 2012
Reprints and permission:
sagepub.com/journalsPermissions.nav
DOI: 10.1177/1745691612459058
<http://pps.sagepub.com>
SAGE

Jon Tenn@nt ha ritwittato



Katie Mack @AstroKatie · 13 h

"a world that rewards scientists for publications above all else [...] naturally selects for weak science" theatlantic.com/science/archiv... #academia



The Inevitable Evolution of Bad Science

A simulation shows how the incentives of modern academia naturally select for weaker and less reliable results.

theatlantic.com

<https://goo.gl/VKgNxD>

University Research and the Fetishisation of Excellence

...quantità o qualità?



Ultimately, therefore, the way to end the proliferation of bad science is not to nag people to behave better, or even to encourage replication, but for universities and funding agencies to stop rewarding researchers who publish copiously over those who publish fewer, but perhaps higher-quality papers. This, Dr Smaldino concedes, is easier said than done. Yet his model amply demonstrates the consequences for science of not doing so.

... valutazione o ossessione? / 1

Impact Factor ▶

How can academia kick its addiction to the impact factor?

April 27, 2016 Author: Jon Tennant 37 comments

The impact factor is academia's worst nightmare. So much has been written about its flaws, both in calculation and application, that there is little point in reiterating the same tired points here (see [here](#) by Stephen Curry for a good starting point).

The problem is cyclical if you think about it: publishers use the impact factor to appeal to researchers, researchers use the impact factor to justify their publishing decisions, and funders sit at the top of the triangle facilitating the whole thing. One 'chef' of the Kitchen piped in by saying that publishers recognise the problems, but still have to

<http://blog.scienceopen.com/2016/04/how-can-academia-kick-its-addiction-to-the-impact-factor/>



Causes for the Persistence of Impact Factor Mania

Arturo Casadevall^a, Ferric C. Fang^b

+ Author Affiliations

Address correspondence to Arturo Casadevall, arturo.casadevall@einstein.yu.edu.

ABSTRACT

Numerous essays have addressed the misuse of the journal impact factor for judging the value of science, but the practice continues, primarily as a result of the actions of scientists themselves. This seemingly irrational behavior is referred to as "impact factor mania." Although the literature on the impact factor is extensive, little has been written on the underlying causes of impact factor mania. In this perspective, we consider the reasons for the persistence of impact factor mania and its pernicious effects on science. We conclude that impact factor mania persists because it confers significant benefits to individual scientists and journals. Impact factor mania is a variation of the economic theory known as the "tragedy of the commons," in which scientists act rationally in their own self-interests despite the detrimental consequences of their actions on the overall scientific enterprise. Various measures to reduce the influence of the impact factor are considered.

<http://mbio.asm.org/content/5/7/e00064-14.full>

Excellence R Us: University Research and the Fetishisation of Excellence

Samuel Moore, Cameron Neylon, Martin Paul Eve, Daniel Paul O'Donnell, Damian Pattinson¹

Abstract

The rhetoric of "excellence" is pervasive across the academy. It is used to refer to research outputs as well as researchers, theory and education, individuals and organisations, from art history to zoology. But what does "excellence" mean? Does it in fact mean anything at all? And is the pervasive narrative of excellence and competition a good thing? Drawing on a range of sources we interrogate "excellence" as a concept and find that it has no intrinsic meaning as used in the academy. Rather it functions as a linguistic interchange mechanism or boundary object. To investigate whether linguistic function is useful we examine how excellence rhetoric combines with narratives of scarcity and competition and show that hypercompetition that arises leads to a performance of "excellence" that is completely at odds with the qualities of good research. We trace the roots of issues in reproducibility, fraud, as well as diversity to the stories we tell ourselves as researchers and offer an alternative rhetoric based on soundness. "Excellence" is not excellent, it is a pernicious and dangerous rhetoric that undermines the very foundations of good research and scholarship.

https://figshare.com/articles/Excellence_R_Us_University_Research_and_the_Fetishisation_of_Excellence/3443821/1

...valutazione o ossessione? / 2

“Why do we do science? It’s not to create careers for scientists. It’s to increase knowledge for the benefit of mankind. If the need to sustain the careers of young scientists is getting in the way of the primary objective of science there is something wrong in the way in which we organise and motivate those careers.”

“Not only are we failing to provide the right incentives, we are actually providing perverse ones.”

As long as journal impact factors retain some role in the career development, journals should publish the distribution of their citations. The participants strongly supported the adoption of the San Francisco Declaration on Research Assessment (DORA) by publishers, funders and universities. There was a call for open citation data (rather than having to rely on proprietary sources).

Goodhart’s Law: “when a measure becomes a target, it ceases to be a good measure.”

Metrics are subject to manipulation, so we should look carefully not only at the number, but what it is that number purports to measure.

We need to build a set of metrics that are not citation based (such as data deposit, mentoring students, writing code etc). This will also help to move the focus away from exclusively considering journal articles.

We should forget about ranking journals in any case and focus on ranking articles and individuals. There is no substitute for actually reading articles, rather than relying on metrics.

“Getting away from this obsession with measurement and going back to judgement might be a way forward.”



... forse c'è qualche incrinatura nel sistema?...

...una soluzione pirata?

Sci-Hub Has Changed How We Access Knowledge

by NATALIE SHOEMAKER · May 3, 2016

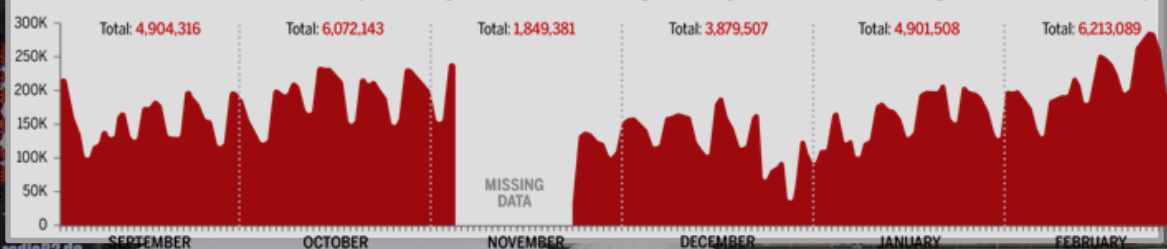


<http://bigthink.com/natalie-shoemaker/sci-hub-has-changed-how-we-access-knowledge>



Sci-Hub activity over 6 months

Sci-Hub's domain switch in November 2015, forced by a lawsuit against it, led to some missing data during the 6-month period, but usage hit record levels in February.



<http://www.sciencemag.org/news/2016/04/whos-downloading-pirated-papers-everyone>



... meglio un cambio di prospettiva?

Openness



The best thing about **Internet** is that it's **open**. In every field **it let us share and innovate**.

In science, **OPENNESS IS ESSENTIAL**.

Open science doesn't mean ignoring economic reality.

Of course **we need business models to be sustainable**. But that **doesn't mean we have to carry on doing things the way they have always been done**.

So, wherever you sit in the value chain, wheter you're a researcher or an investor or a policy maker, my message is clear:

let's invest in collaborative tools that let us progress...

Let's tear down the walls that keep learning sealed off.

And let's make science open.



I am convinced that **excellent science is the foundation of future prosperity,**
and that **openness is the key to excellence.** [...]
We need more open access to research results and
the underlying data.

**Let's dare to make Europe open to
innovation, open to science and open
to the world.**

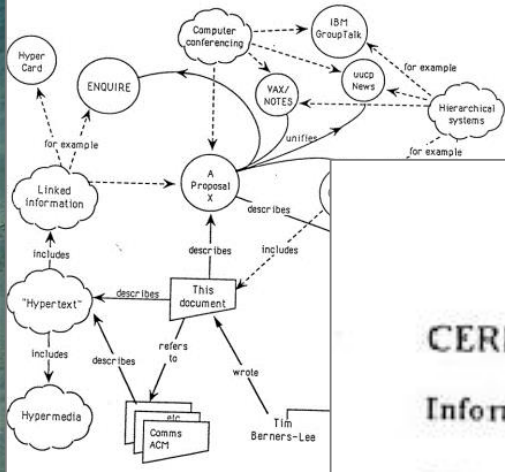


Information Management: A Proposal

Abstract

This proposal concerns the management of general information about accelerators and experiments at CERN. It discusses the problems of loss of information about complex evolving systems and derives a solution based on a distributed hypertext system.

Keywords: Hypertext, Computer conferencing, Document retrieval, Information management, Project control



Open?

CERN DD/OC

Information Management: A Proposal

Tim Berners-Lee, CERN/DD

March 1989

Information Management: A Proposal

Abstract

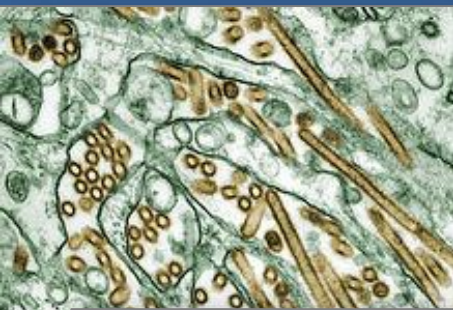
This proposal concerns the management of general information about accelerators and experiments at CERN. It discusses the problems of loss of information about complex evolving systems and derives a solution based on a distributed hypertext system.

Keywords: Hypertext, Computer conferencing, Document retrieval, Project control

Riuscite a immaginare
il protocollo http chiuso?



Open?



ORIGIN

```
1 atggagagaa taaaggaatt aagagatc
61 acaaagacca ctgtggacca tatggcca
121 aagaaccttg ctctcagaat gaaatgga
181 aagagaataa tagagatgat tcttgaag
241 acaaatgatg ctggatcgga cagggtga
301 aggaatgggc cgacgacaag tacagtccat
361 aaggttgaaa ggttaagaca tggaaccttc
421 atacgcgcgc gagttgatac aaatcctggc
481 gatgtcatca tggaggtcgt tttcccaaat
541 tcacaattga caataacaaa agagaagaaa
601 ttaatgggtg catacatggt ggaaagggaa
661 gcaggcgga caagcagttg gtacattgag
721 gaacagatgt acactccagg cggagaagta
781 attgctgcca gaaacattgt taggagagca
841 ctggagatgt gttacagcac acaaatgggt
901 aatcccaactg aggaacaagc tgtggatata
961 tcaccccttta gctttggagg cttcactttc
1021 gaagaggaag tgcttacagg caacctccaa
1081 gaggaattca caatgggttg gcagagggca
1141 ctgattcagt tgatagttag tggaaagaa
1201 gcaatgggtg tctcacagga ggattgcac
1261 gtaaacagag caaaccaaaag attaaacccc
1321 gacgcaaaag tgctatttca gaattgggga
1381 atcggaatat tacctgacat gactcccagc
1441 agtaaaatgg gagtagatga gtattccagc
1501 ttcttaaggg ttgcagacca gggggggaac
1561 acccaggga atgatgtg ggaaatcaac
1621 ggtcctgag gaaactg ggagaccgtg
1681 aaattcac ttqqagtt tgaaccgttc
```



Display Settings: GenBank Send: [icon]

Influenza A virus (A/Cygnus olor/Italy/742/2006(H5N1)) polymerase basic protein 2 (PB2) gene, complete cds

GenBank DQ533586.1

[FASTA](#) [Graphics](#)

[Go to:](#) [icon]

LOCUS	DQ533586	2280 bp	cRNA	Linear	VRL 01-DEC-2008
DEFINITION	Influenza A virus (A/Cygnus olor/Italy/742/2006(H5N1)) polymerase basic protein 2 (PB2) gene, complete cds.				
ACCESSION	DQ533586				
VERSION	DQ533586.1 GI:95020630				

... nel 2006 Ilaria Capua depositò la sequenza del virus H5N1 (influenza aviaria) in GenBank , sfidando l'OMS.

...l'OMS adottò poi il suo approccio trans-disciplinare per le strategie pre-epidemiche, che riguarda la salute di tutti

Access?

Thomson Reuters, Elsevier, Nature mettono a disposizione gratuitamente i dati e le pubblicazioni su contaminazione nucleare



HARVARD UNIVERSITY
THE HARVARD LIBRARY

News
News Archive

- Draft Harvard Library Mission Statement
- Happy Holidays from the Harvard Library
- Photos: Pop-Up Innovation Spot Showcases Projects Exploring and Celebrating Lib
- Photos: Micro Surface Tables Tested in Three Libraries
- Photos: Student Faculty Design Envisioning the Future

ars technica

MAIN MENU MY STORIES: 25 FORUMS SUBSCRIBE JOBS

SCIENTIFIC METHOD / SCIENCE & EXPLORATION

Harvard Library: subscriptions too costly, faculty should go open access
The faculty members that advise Harvard's library have told their peers that ...

by John Timmer - Apr 23 2012, 9:52pm E

The problems with state funding may be hitting public schools hard, but even some parts of elite private institutions are feeling the sting of rising prices. That was the message sent by the Harvard Library's Faculty Advisory Council, which says the costs of subscriptions to major research journals "cannot be sustained." It says that the cost of these journals has gone up by 145 percent over the last six years and, if things continue at that pace, it'll be forced to cut back.

...che fino al 10 marzo erano chiuse dietro abbonamenti a riviste che nemmeno Harvard può più permettersi...

Open Access

Open Access significa
accesso aperto, immediato
e libero da ogni restrizione
ai risultati e ai dati della ricerca scientifica

Open Access:
canale alternativo e complementare



Open Access

Berlin Declaration

1. The author(s) and right holder(s) of such contributions grant(s) to all users a free, irrevocable, worldwide, right of access to, and a license to copy, use, distribute, transmit and display the work publicly and to make and distribute derivative works, in any digital medium for any responsible purpose, subject to proper attribution of authorship (community standards, will continue to provide the mechanism for enforcement of proper attribution and responsible use of the published work, as they do now), as well as the right to make small numbers of printed copies for their personal use.

Open Access / i pilastri



ogni comunità scientifica
ha la **sua** via all'Open Access

es. medici VS fisici

si applica solo alla
letteratura scientifica
“give away”
(ritorno atteso:
reputazione, citazioni)

l'«accesso» ai risultati
è **necessario**
per far progredire la ricerca,
che è un processo cumulativo, incrementale

I principî

A bronze statue of a man, likely a scientist or philosopher, holding a book, set against a clear blue sky. The statue is made of weathered bronze and depicts a man with a high forehead, looking slightly upwards and to the left. He is wearing a long coat and holding a large book in his left hand. The background is a solid, clear blue sky.

La conoscenza è un bene comune

La comunicazione scientifica
è una grande conversazione,
più è aperta più è ricca

**I risultati delle ricerche
finanziati con i fondi pubblici
devono essere pubblicamente disponibili**

Chi ha paura dell'Open Access?

M Sciences
<http://goo.gl/cGiRM>

SCIENCES Archéologie Biologie Cosmos Géologie Mathématiques M

Qui a peur de l'open access ?

Le Monde.fr | 15.03.2013 à 12h39 • Mis à jour le 15.03.2013 à 15h28



Un **savoir enfermé derrière des barrières** et accessible aux seuls happy few des universités les plus riches est un **savoir stérile**, et pour tout dire **confisqué** alors qu'il est produit grâce à des financements publics

Open Access: le politiche



Massachusetts Institute of Technology



The optimal circulation, access to and transfer of scientific knowledge is one of the objectives for the establishment of a genuine European Research Area (ERA)

THE FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION

HORIZON 2020

<http://www.pasteur4oa.eu/>

PASTEUR4OA

Home | The Project | News | Events | Key Nodes | Advocacy Resources | Final Conference

PASTEUR4OA/Welcome

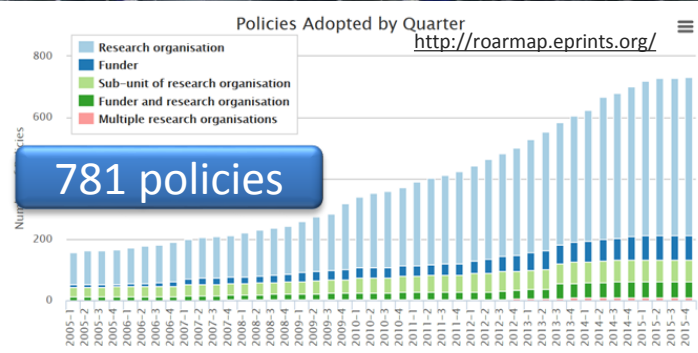
Welcome to the PASTEUR4OA website!

PASTEUR4OA (Open Access Policy Alignment Strategies for European Union Research) aims to support the European Commission's Recommendation to Member States of July 2012 that they develop and implement policies to ensure Open Access to all outputs from publicly-funded research.

PASTEUR4OA will help develop and/or reinforce open access strategies and policies at the national level and facilitate their coordination among all Member States. It will build a network of centres of expertise in Member States that will develop a coordinated and collaborative programme of activities in support of policymaking at the national level under the direction of project partners.

Toolkit
Research Performing
Organisations
Essential resources to develop
and support Open Access policies

Toolkit
Research Funders
Essential resources to develop
and support Open Access policies



«L'informazione scientifica ha il potere di migliorare la nostra esistenza ed è troppo importante per essere tenuta sotto chiave. Inoltre, ogni cittadino dell'UE ha diritto di accedere e trarre vantaggio dalla conoscenza prodotta utilizzando fondi pubblici»

Neelie Kroes

Vicepresidente (2010-2014) della Commissione Europea
e Commissaria responsabile per l'Agenda digitale

Horizon 2020: open by default

Login | Create An ECAS Account | About | Contact | Legal notice



HORIZON 2020

The EU Framework Programme for Research and Innovation

European Commission > Horizon 2020

Article 43

Exploitation and dissemination of results

With regard to the dissemination of results through scientific publications, **open access shall apply** under the terms and conditions laid down in the grant agreement. Costs relating to open access to scientific publications that result from research funded under Horizon 2020, incurred within the duration of an action, shall be eligible for reimbursement under the conditions of the grant agreement. With due regard to Article 18 of Regulation (EU) No 1291/2013, the grant agreement shall not stipulate conditions regarding which would result in addition to the completion of an action.

Guidelines on

FAIR Data Management in Horizon 2020

This document helps Horizon 2020 beneficiaries make their research data **findable, accessible, interoperable and reusable (FAIR)**, to ensure it is soundly managed. Good research data management is not a goal in itself, but rather the key conduit leading to knowledge discovery and innovation, and to subsequent data and knowledge integration and reuse.

https://ec.europa.eu/research/participants/data/h2020/legal_basis/rules_participation/h2020-rules-participation_en.pdf

ESTESO A TUTTI I PROGETTI DAL 1 GENNAIO 2017

<http://goo.gl/0mv1hg>

With regard to the dissemination of research data, the grant agreement **may**, in the context of the open access to and the preservation of research data, lay down terms and conditions under which open access to such results shall be provided, in particular in ERC frontier research and FET (Future and Emerging Technologies) research or in other appropriate areas, taking into consideration the legitimate interests of the beneficiaries and any constraints pertaining to data protection, intellectual property or intellectual property rights, or work protection, or through other means.

DATI SU CUI SI
BASA

L'ARTICOLO,
NON inediti

... il rischio dei dati fragili

Scientists losing data at a rapid rate

Decline can mean 80% of data are unavailable after 20 years.

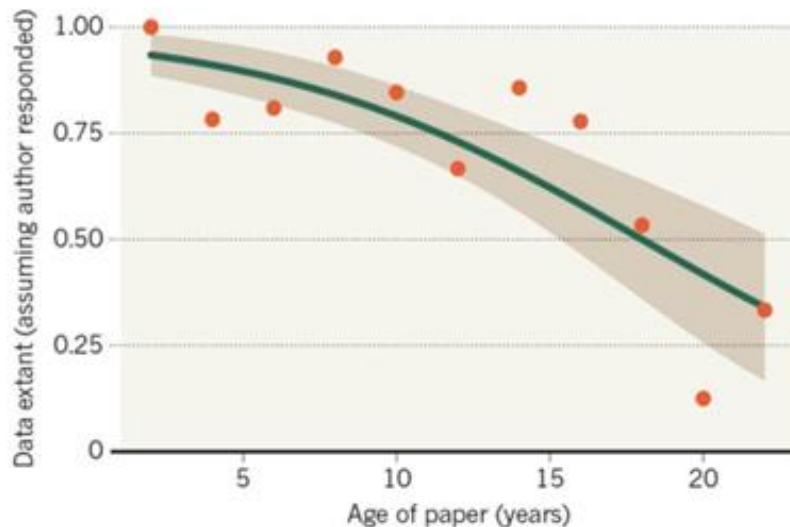
Elizabeth Gibney & Richard Van Noorden

19 December 2013

 Rights & Permissions

MISSING DATA

As research articles age, the odds of their raw data being extant drop dramatically.



<http://www.nature.com/news/scientists-losing-data-at-a-rapid-rate-1.14416>

CASH REWARD

for returning my lost backpack



- Black [AK] Burton Rucksack
- Lost on Friday 15. July at 8 pm in the Pantons Arms pub 43, Pantons St. Cambridge
- Containing a laptop (white MacBook), a black external hard drive and scientific research documents

The external hard drive is VERY important to me as it contains 5 years of research data which are crucial for my PhD thesis!!!

If you found it, I would be extremely grateful

WHY YOU NEED A DATA
MANAGEMENT PLAN
PMRblog, 2011

Open science: il futuro dell'Europa

Today's conference "Opening up to an ERA of Innovation" features a session devoted to open science.

What is open science about?

Open Science describes the on-going transitions in the way research is performed, researchers collaborate, knowledge is shared, and science is organised. It represents a systemic change in the modus operandi of science and research. It affects the whole research cycle and its stakeholders, enhances science by facilitating more transparency, openness, networking, collaboration, and refocusses science from a 'publish or perish' perspective to a knowledge-sharing perspective.

Open science is also about making sure that science serves innovation and growth. It guarantees open access to publicly-funded research results and the possibility of knowledge sharing by providing infrastructures. Facilitating access to those data will encourage re-use of research output. For example, companies, and particularly SMEs, can access and re-use data, infrastructures and tools easily and at a reasonable cost and can accelerate the implementation of ideas for innovative products and services.

Moedas – Oettinger, Opening up to an ERA of innovation, 22 giugno 2015



on européen
Commissie

Uno sguardo all'Europa / 3

12. AGREES to further promote the mainstreaming of open access to scientific publications by continuing to support a transition to immediate open access as the default by 2020, using the various models possible and in a cost-effective way, without embargoes or with as short as possible embargoes, and without financial and legal barriers, taking into account the diversity

in research systems and disciplines, and that open access to scientific publications should be

Brussels, 27 May 2016
(OR. en)

9526/16

RECH 208
TELECOM 100

the principle that no researcher should be prevented from
mission, Member States and relevant stakeholders, including
to catalyse this transition; and STRESSES the importance of
reements.

OUTCOME OF PROCEEDINGS

From:	General Secretariat of the Council
To:	Delegations
No. prev. doc.:	8791/16 RECH 133 TELECOM 74
Subject:	The transition towards an Open Science system - Council conclusions (adopted on 27/05/2016)



European Council
Council of the European Union

[The European Council](#) [The Council of the EU](#) [Topics](#) [Policies](#) [Meetings](#) [Documents & Publications](#)

[Home](#) > [Meetings](#) > [Competitiveness Council, 26-27/05/2016](#)

ncil of the EU

Competitiveness Council, 26-27/05/2016

Council, 26-27 May 2016

- > [Indicative programme - Competitiveness Council of 26-27/05/2016](#)
- > [Background brief](#)

Research and Innovation

Following a debate on **open science**, the Council adopted conclusions on the transition towards an open science system.

“

“Open Science is a topic which is very dear to our hearts. During the Netherlands presidency, we have aimed at bringing Europe to the forefront of global change and at leading the transition to a new way of doing research and science based on openness, big data and cloud computing.”

Sander Dekker, State Secretary of Education, Culture and Science of the Netherlands

It also adopted conclusions on the lessons learnt from the **7th research framework programme and the future outlook** and on the creation of a friendly regulatory **environment for research and innovation**.

Chairing the Council, Sander Dekker, State Secretary of Education, Culture and Science of the Netherlands, made the following statement:

“Open Science is a topic which is very dear to our hearts. During the Netherlands presidency, we have aimed at bringing Europe to the forefront of global change and at leading the transition to a new way of doing research and science based on openness, big data and cloud computing. Open Science breaks down the barriers around universities and ensures that society benefits as much as possible from all scientific insights. In that way we maximize the input of researchers, universities and knowledge institutions”.

Today, building on work done during recent months, particularly at the April conference when we approved the “Amsterdam Call for Action on Open Science”, I can say that we have made a major step forward”.



Highlights of the Competitiveness Council, taking place on 27 May in Brussels.

Open science: il futuro dell' Europa

<http://ec.europa.eu/research/openscience/index.cfm?pg=open-science-policy-platform>



European Commission

RESEARCH & INNOVATION
Open Science

European Commission > Research & Innovation > Open Science > Open Science Policy Platform

Home Open Access European Open Science Cloud Open Science Policy Platform

European Open Science Policy Platform

Members of the OSPP

The Members of the Open Science Policy Platform (OSPP) have been nominated. Commissioner Moedas, during the 27 May Competitiveness Council, will announce the Members of the Platform and he will inform the Member States on the role of the Policy Platform in further developing a European Open Science Policy Agenda.

[List of Nominated Members of the Open Science Policy Platform](#) 210 KB

A Vision for Europe

- Open Innovation
- Open Science

The mandate of the Open Science Policy Platform is to:

1. advise the Commission on how to further develop and practically implement open science policy, in line with the priority of Commissioner Moedas to radically improve the quality and impact of European science
2. function as a dynamic, stakeholder-driven mechanism for bringing up and addressing issues of concern for the European science and research community and its representative organisations, following five broad lines for actions which are presented in the [draft European Open Science Agenda](#) 124 KB
3. support policy formulation by helping to identify the issues to be addressed and providing recommendations on the policy actions required
4. support policy implementation, contributing to reviewing best practices, drawing policy guidelines and encouraging their active uptake by stakeholders
5. provide advice and recommendations on any cross-cutting issue affecting Open Science

European Open Science Cloud



European Open Science Cloud


A trusted, open environment for storing, sharing and re-using scientific data and results and supporting Open Science practices.

- **A virtual environment** for all European researchers to store, manage, analysis and re-use data.
- **Strongly stated needs:** cost-effective, user-driven, privacy and IPR-conscious.
- **Bringing together** existing and emerging data infrastructures.
- **Added value:** scale, data-driven science, inter-disciplinarity, data to knowledge to innovation.

JC Burgelman, EOSC the policy, EUDAT workshop, Rome Feb. 5 2016



I vantaggi / 1



...le idee circolano prima, circolano di più...
ACCELERAZIONE
NEL PROCESSO DI CREAZIONE DELLA CONOSCENZA

I vantaggi / 2



è tutto SUBITO VISIBILE
(ed è visibile su Google, ovvero dove tutti
vanno a cercare)

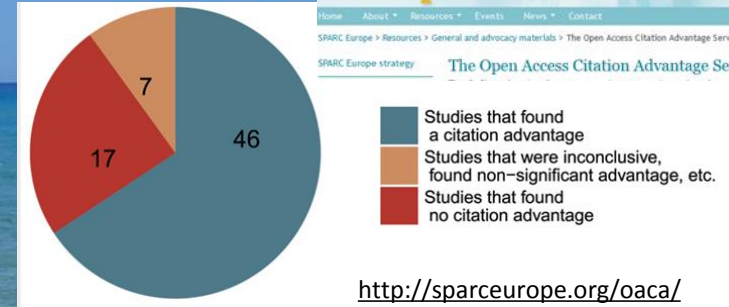
I vantaggi / 3

...maggiore visibilità: incremento di citazioni

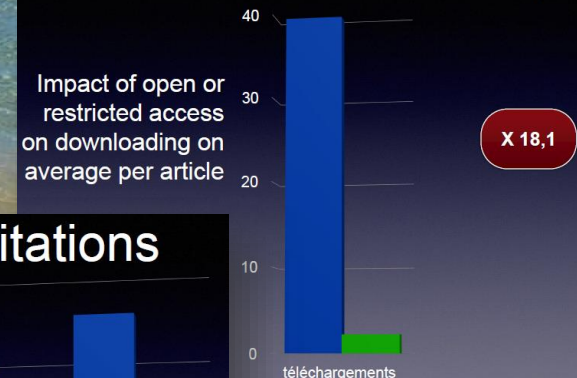


Size of OA citation advantage when found (and where explicitly stated by discipline)	% increase in citations with Open Access
Physics/astronomy	170 to 580
Mathematics	35 to 91
Biology	-5 to 36
Electrical engineering	51
Computer science	157
Political science	86
Philosophy	45
Medicine	300 to 450
Communications studies (IT)	200
Agricultural sciences	200 to 600

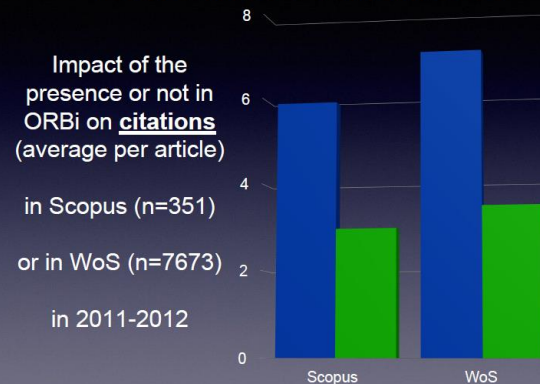
<http://eprints.soton.ac.uk/id/eprint/268516>



Benefits : readership



Benefits : citations



http://decennale.unime.it/wp-content/uploads/2014/11/Rentier_Messina_04112014.pdf

I vantaggi / 4

Disrupting the subscription journals' business model for the necessary large-scale transformation to open access

A Max Planck Digital Library Open Access Policy White Paper

Scenario of transformation based on
current operating numbers per year

Global view



Schimmer, R et al. (2015). [Disrupting the subscription journals' business model for the necessary large-scale transformation to open access.](#)

risparmi globali per nazione in Open Access

UK: media 338 milioni £ /anno

NL: 133 milioni euro /anno

DK: 70 milioni euro/anno

D: media 332 milioni euro/ anno

I vantaggi / 5



The days of manually
searching through thousands
of academic papers are now
gone



ContentMine

ContentMine finds the facts, so you don't have to.

[How it works](#) | [Events](#) | [Workshops](#) | [Training](#) | [Software](#) | [Download](#) | [Contribute](#) | [The Team](#) | [Contact](#) | [Blog](#)

Finding KNOWLEDGE about



In the Scientific Literature

https://www.youtube.com/watch?v=5fYzOZ2Cv_I

McKinsey&Company

McKinsey Global Institute

Client Services

Insights & Publications

About Us

Alumni

Careers

Global Leadership

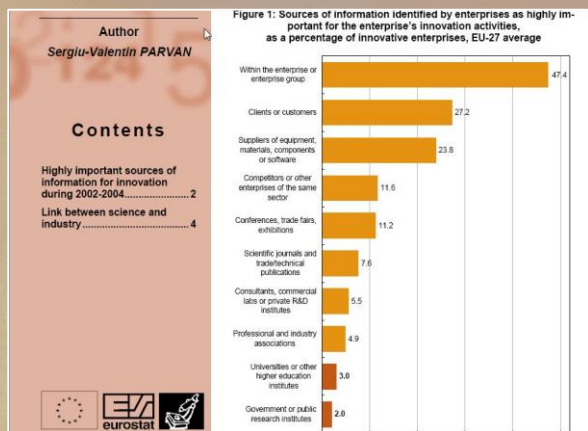
possibile utilizzo di text mining e data mining

Big data: The next frontier for innovation, competition, and productivity

percent. Harnessing big data in the public sector has enormous potential, too. If US healthcare were to use big data creatively and effectively to drive efficiency and quality, the sector could create more than \$300 billion in value every year. Two-thirds of that would be in the form of reducing US healthcare expenditure by about 8 percent. In the developed economies of

Dibattito in corso a livello EU su diritti
per text and data mining (LIBER)

I vantaggi / 6



maggiore apertura alle
Piccole e Medie Imprese e al territorio

I vantaggi / 7

Open Access è
veicolo per la scienza
aperta



OKF Open Science Working Group

Home

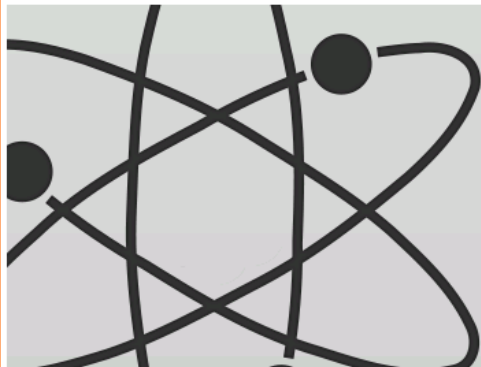
About Us ▾

Blog

Community ▾

Projects ▾

Tools



Open science means many things, but primarily scientific knowledge that people are free to use, re-use and distribute without legal, technological or social restrictions.



Daniel Mietchen @EvoMRI · 30 nov

Brief #openscience definition: Sharing research with the world as soon as you record it for yourself

youtube.com/watch?v=LwW1-X...

#KEevent15

Video, 30 nov 2015

YouTube



I vantaggi / 8

Authorea

Write Research Together.

Authorea is the collaborative editor for research.
Write and manage your documents in one place, for free.

Name Email Password

Start Writing

A new way to read, write, publish, and interact with scientific content.

Write.

scientific content.

Write.

Easily create text, equations, data and figures and turn your documents into beautiful web pages and manuscripts.

Collaborate.

Work on documents together in real time. Lock parts you are working on, and keep track of the rest.

Cite.

Search papers by author, title, keyword, or DOI. Authorea creates the bibliography for you.

Publish.

Submitting your Authorea article to a journal or conference? Create a professional typeset document in just one click.

Comment.

Discuss your work with coauthors and allow others to add public comments and annotations.

Interact.

Make your documents alive with interactive, data-driven visualizations

<https://www.authorea.com/>

News: Overleaf partners with the RSC

[SIGN UP](#)

[SIGN IN](#)

Overleaf

[FEATURES & BENEFITS](#) [TEMPLATES](#) [PRICING](#) [COMPANY](#) [HELP](#)

Collaborative Writing and Publishing

The easiest way to create, edit and publish your research.



Start writing now!

CREATE A NEW PAPER

<https://www.overleaf.com/>

F1000Workspace

A workspace for scientists to collect, write & discuss scientific literature. Powered by a faculty of over 10,000 leading experts in biology and medicine.

[WATCH VIDEO](#)

[TRY IT FREE](#)



COLLECT
Instantly save and annotate articles from the web.

[LEARN MORE](#)



WRITE
Cite better and write faster in Word and Google Docs.

[LEARN MORE](#)



COLLABORATE
Get everyone on the same page with shared projects.

[LEARN MORE](#)

<http://f1000.com/work/>



Annotate with anyone, anywhere

Our mission is to bring a new layer to the web. Use Hypothesis to discuss, collaborate, organize your research or take personal notes.

[Get Bookmarklet](#)

Or,

Paste a link...

[Annotate!](#)

There's also a Chrome extension or you can add it to your website.

Hypothesis announces a coalition of over 40 scholarly organizations bringing annotation to all knowledge. [Learn more](#)

<https://hypothes.is/>

I vantaggi / 9

Nuove forme di valutazione?



nature International weekly journal of science

Home | News & Comment | Research | Careers & Jobs | Current Issue | Archive | Volume 520 | Issue 7548 | Comment | Article

NATURE | COMMENT

Bibliometrics: The Leiden Manifesto for bibliometrics

Diana Hicks, Paul Wouters, Ludo Waltman, Sarah de Rijcke & Ismael van de Veldhoven

<http://www.nature.com/news/bibliometrics-for-research-metrics-1.17351>



San Francisco
DORA
Declaration on Research Assessment

DORA | Sign The Declaration | Inspiration and Good Practice

The San Francisco Declaration on Research Assessment (DORA), initiated by a group of scholarly journals, recognizes the need to improve the ways in which research is assessed. It was adopted at the ASAB Annual Meeting in San Francisco and subsequently circulated widely. It is a worldwide initiative about the appropriate assessment of scientific research to sign DORA.

Download the Declaration (PDF) | Download the DORA Logo (PDF)

San Francisco Declaration on Research Assessment

Putting science into the assessment



Scholarly Publishing and Academic Resources Coalition
Advocating change in scholarly communications for the benefit of researchers and society

Better ways to evaluate research and researchers

A SPARC Europe BRIEFING PAPER

"We may say, by the way, that success is a hideous thing. Its counterfeit of merit deceives people [...] Prosperity supposes capacity. Win in the lottery, and you are an able man."
— Victor Hugo¹

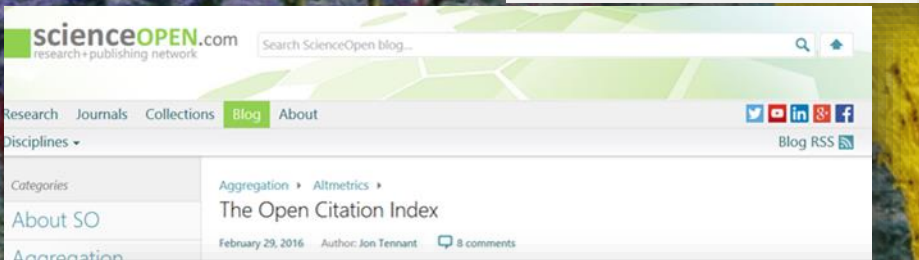
Measure what you want to improve

The problems are caused by short-cuts used to assess the quality of research and researchers. For example, the impact factor of the journal where a study is published is often used as a proxy for the quality of the research and therefore of the researcher. Even if journal impact factor were a good proxy, this practice would be harmful because rational researchers optimise their behaviour according to the criteria of evaluation. For this reason, some workers can invest as much effort in chasing publication in high-impact-factor journals as they do on their actual research. From the perspective of the broader goal of research – improving society – this effort is literally wasted. How can we do better?

Ideally, we would evaluate each work on its own merits, taking into account expert opinions, and ignoring numeric metrics. These after all are only proxies for the things we really care about: rigour, correctness, replicability, honesty.

In practice, this is simply not possible. For logistical reasons, metrics *are* going to be used whether they are good for the

Ideally, we would evaluate each work on its merits, taking into account expert opinions, ignoring numeric metrics.



scienceOPEN.com research+publishing network

Search ScienceOpen blog...

Research | Journals | Collections | Blog | About

Disciplines ▾

Categories

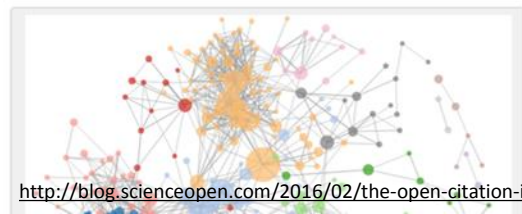
About SO

Aggregation

The Open Citation Index

February 29, 2016 | Author: Jon Tennant | 8 comments

But what is the Open Citation Index, and how is it calculated? The core of ScienceOpen is based on a huge of open access articles drawn primarily from PubMed Central and arXiv. This forms about 2 million open records, and each one comes with its own reference list. What we've done using a clever metadata extraction engine is to take each of these citations and create an article stub for them. These stubs, or metadata records, are the core of our citation network. The number of citations derived from this network are displayed on each article, and each item that cites another can be openly accessed from within our archive.



So the citation counts are based exclusively on open access publications, and therefore provide a pan-publisher, article-level measure of 'open' your idea is. Based on the way they are gathered, it also means that every record has had at least one citation, therefore we explicitly provide a level of publisher content filtering. It is pertinent to

Then the formula would be:

$$LWM = k_1 \cdot x_1^{e_1} + k_2 \cdot x_2^{e_2} + \dots + k_n \cdot x_n^{e_n}$$

Choosing the parameters for the Less Wrong Metric

How should the parameters for this general formula be chosen? One approach would be to start with subjective assessments of the scores of a body of researchers – perhaps derived from the faculty of a university confidentially assessing each other. Given a good-sized set of such assessments, together with the known values of the metrics x_1, x_2, \dots, x_n for each researcher, techniques such as simulated annealing can be used to derive the values of the parameters k_1, k_2, \dots, k_n and e_1, e_2, \dots, e_n that yield an LWM formula best matching the subjective assessments.

Where the results of such an exercise yield a formula whose results seem subjectively wrong, this might flag a need to add new metrics to the LWM formula: for example, a researcher might be more highly regarded than her LWM score indicates because of her fine record of supervising doctoral students who go on to do well, indicating that the quality of her work could be indicated by the LWM results.

<http://blog.scienceopen.com/2016/02/the-open-citation-index/>

<http://sparc-europe.org/wp-content/uploads/2015/12/Evaluate-SPARC-briefing-paper-1215.pdf>

OPEN ACCESS PEER-REVIEWED

RESEARCH ARTICLE

Human MicroRNA Targets

Bino John, Anton J Enright, Alexei Aravin, Thomas Tuschl, Chris Sander, Debora S Marks

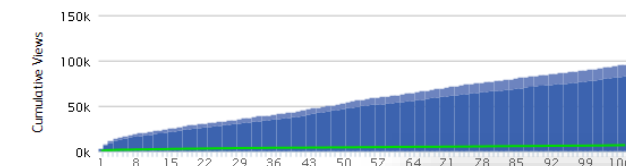
96,844 VIEWS 1,193 CITATIONS 301 SAVES

Article About the Authors Metrics Comments Related Content Download Print

Viewed ?

Total Article Views	HTML Page Views	PDF Downloads	XML Downloads	Total
96,844	68,539	15,096	304	83,939
Oct 5, 2004 (publication date) through Nov 3, 2013*	6,776	6,129	n.a.	12,905
	75,315	21,225	304	

28.18% of article views led to PDF downloads



Compare average usage for articles published in 2004
Genetics | Show reference set

*Although we update our data on a daily basis, there may be a 48-hour delay between the time an article is published and the time our metrics are updated.

PLoS Article Level Metrics

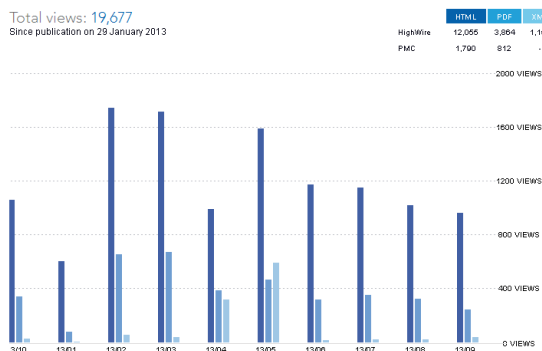
Source	PLOS	PMC	PLOS	PMC
HTML	549	0	68,518	6,776
PDF	80	0	15,095	6,129
XML	2	n.a.	304	n.a.
Total	631	0	83,917	12,905

RNA-programmed genome editing in human cells

Martin Jinek, Alexandra East, Aaron Cheng, Steven Lin, Enbo Ma, Jennifer Doudna

Howard Hughes Medical Institute, University of California, Berkeley, United States; University of California, Berkeley, United States; Lawrence Berkeley National Laboratory, United States

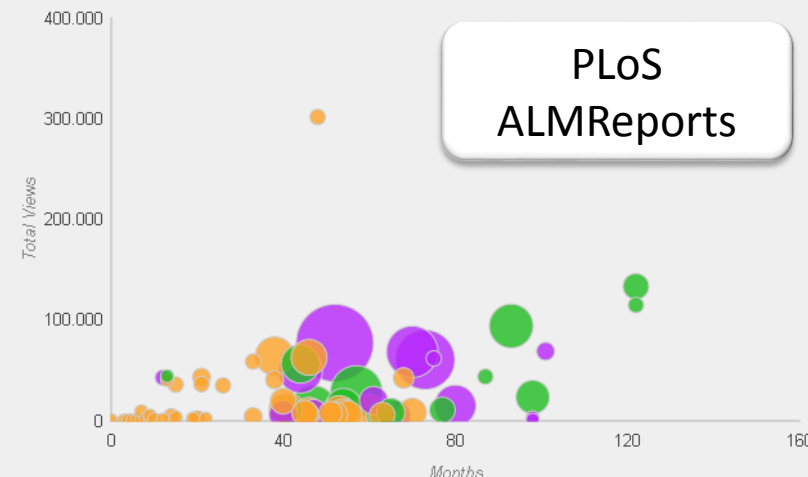
DOI: <http://dx.doi.org/10.7554/eLife.00471>
Published January 29, 2013
Cite as eLife 2013;2:e00471



<http://elife.elifesciences.org/>

e-Life Metrics + Impact Story

1 Article Usage and Citations as a function of Age



PLoS
ALMReports

Total usage includes page views and downloads from PLOS and PMC. Bubble size correlates with Scopus citations and bubble color with the PLOS journal.

<http://almreports.plos.org/>



Score in context

Puts article in the top 5% of all articles ranked by attention

show more...

Mentioned by

- 27 tweeters
- 5 Facebook users
- 1 LinkedIn users
- 2 news outlets
- 11 science blogs
- 6 Google+ users
- 1 Redditors

Readers on

- 56 Mendeley
- 0 CiteULike

A novel virus genome discovered in an extreme environment suggests recombination between unrelated groups of RNA and DNA viruses

Twitter Facebook LinkedIn News Blogs Google+ Reddit Score Demographics Help

So far Altmetric has seen 30 tweets from 27 accounts with an upper bound of 47,548 combined followers.

Eigen Victor
@selfishneuron
295 followers

Ken Yaw
Agyeman-Badu
@Kenzybit
654 followers

Ken Yaw
Agyeman-Badu
@Kenzybit
654 followers

BioMedCentral
ALTMetrics

I vantaggi /11

open scholar

OPEN PEER REVIEW module

are you an open reviewer?

Open access repositories start to offer overlay peer review services

March 31, 2016 admin

Converting open access repositories into functional evaluation platforms
Bringing back quality control to the scientific community

The use of journal hierarchy for assessing the reputation of research works and their authors, has contributed to a competitive environment that is having a detrimental effect on scientific reliability. Open access repositories administered by Universities or research organizations are a valuable infrastructure that could support the transition to a more collaborative and efficient scholarly evaluation and communication system. Open Scholar has coordinated a consortium of six partners to develop the first Open Peer Review Module (OPRM) for institutional repositories. The module integrates an overlay peer review service, coupled with a transparent reputation system, on top of institutional repositories. It is provided freely as open source software: <https://github.com/InvoConsultores/Open-Peer-Review-Module>. <http://www.openscholar.org.uk/institutional-repositories-start-to-offer-peer-review-services/>

CCSD HAL archives-ouvertes.fr

Accueil Dépôt Consultation Recherche Documentation

hal-01302597, version 1

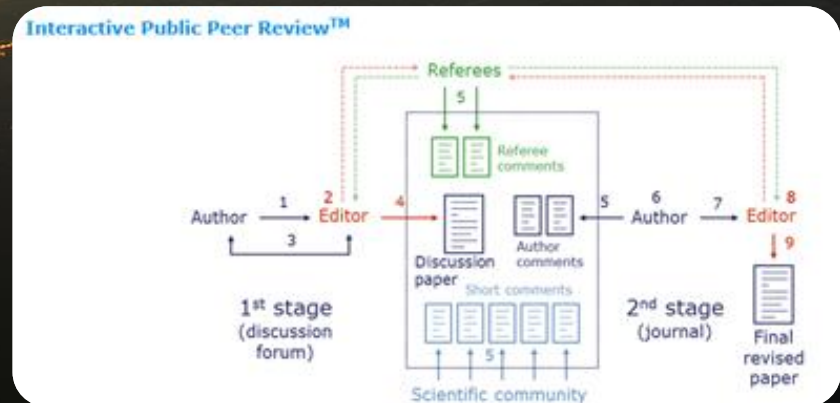
Open peer review : from an experiment to a model: A narrative of an open peer review experimentation

Julien Bordier

CLEO - Centre pour l'édition électronique ouverte

Abstract : This article narrates the development of the experimentation of an open peer review and open commentary protocols. This experiment concerns propositions of articles for the environmental sciences journal Verigo, digital and open access scientific publication. This experiment did not last long enough (4 months) and was not deployed on a large enough corpus (10 preprints) to lead to firm quantitative conclusions. However, it highlights practical leads and thoughts about the potentialities and the limitations of the open review processes – in the broadest sense – for scientific publishing. Based on the exemplary of the experiment and a participant observation as a copy-editor devoted to open peer review, the article finally proposes a model from the experimented prototype. This model, named OPRIM, could be implemented on other publishing contexts for social sciences and humanities. Central and much debated activity in the academic world, peer review refers to different practices such as control, validation, allocation and contradiction exercised by the scientific community for itself. Its scope is wide: from the allocation for funding to the relevance of a recruitment. According to common sense, the control of the scientific community by itself is a guarantee of scientific quality. This issue became even more prominent in an international context of competition between universities and research organizations.

<https://hal.archives-ouvertes.fr/hal-01302597>



I vantaggi / 12



Open Access Button

Support About us Blog Login **Download**



Open Access Button

We can help you get access to research

Tools like the Open Access Button can help catalyse change and create a world where science has more impact, is more efficient and importantly available to everyone

Professor Randy Schekman, Nobel Prize in Physiology or Medicine 2013

Push Button. Get Research. Make Progress.

We all know the frustration of finding the research paper you need, but you can't afford the \$40 to access it. The Open Access Button helps you get the research you want right now, and adds papers you still need to your wishlist.

HOW THE BUTTON WORKS

Push Button.



The next time you're asked to pay to access academic research. Push the Open Access Button on your phone or on the web.

Get Research.



The Open Access Button will search the web for a version of the paper that you can access immediately. If that doesn't work, the Button will email the author and look for more information about the paper.

Make Progress.



If you get your research, you can make progress with your work. If you don't get your research, your story will be used to help change the publishing system so it doesn't happen again.

Get your own button

Get involved

Check out our API docs



Open Data Button beta

Need access to research data?

We can help.

The Open Data Button has launched!

Get access to data to fuel your research.

Push Button. Request Data. Make Progress.

Hidden data is hindering research. The Open Data Button allows you to request research data at the click of a button. When a researcher releases the requested data it can be seen, reused, and built upon for further innovation.

[Learn more about how it works](#)

<https://opendatabutton.org/>

HOW THE BUTTON WORKS

Push Button.

Request Data.

Make Progress.

I vantaggi / 13

... trasparenza...

Principio generale di trasparenza

1. La trasparenza e' intesa come accessibilita' totale delle informazioni concernenti l'organizzazione e l'attivita' delle pubbliche amministrazioni, allo scopo di favorire forme diffuse di controllo sul perseguimento delle funzioni istituzionali e sull'utilizzo delle risorse pubbliche.

2. La trasparenza, nel rispetto delle disposizioni in materia di segreto di Stato, di segreto d'ufficio, di segreto statistico e di protezione dei dati personali, concorre ad attuare il principio democratico e i principi costituzionali di eguaglianza, di imparzialita', buon andamento, responsabilita', efficacia ed efficienza nell'utilizzo di risorse pubbliche, integrita' e lealta' nel servizio alla nazione. Essa e' condizione di garanzia delle liberta' individuali e collettive, nonche' dei diritti civili,

D.Legls. 14 marzo 2013, n. 33

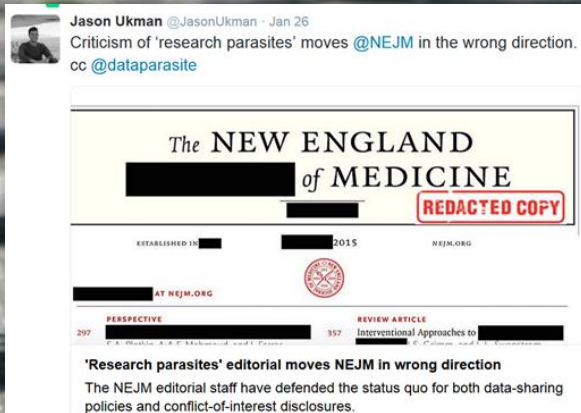
Open research data – I vantaggi / 1

...una scienza più solida...

- meglio basarsi sui DATI che sulla loro interpretazione
[data make up per pubblicare...]
- confrontare/dibattere con i propri dati
- creare nuova conoscenza aggiungendo i propri dati

Open research data - I vantaggi / 2

RIPRODUCIBILITÀ



There are costs to implementing data reuse, but there are also costs for irreproducible research and for recollecting data for new uses. And no amount of funding can reconstruct lost ephemeral or time-dependent phenomena for which the data were not well curated. No more excuses: Let's step up to data sharing.

<http://science.sciencemag.org/content/351/6277/1005.full.pdf+html>



Open research data - I vantaggi / 3

il valore del RIUSO...
costruire percorsi inediti
grazie ai dati aperti

«the coolest thing to do with your data will be thought of by someone else»

Open research data - I vantaggi / 4

Data creates a bridge between traditional disciplines, spawning discovery and innovation from the humanities to the hard sciences. Data dissolves barriers, opening up new channels of communication, lines of research, and commercial opportunities. Data will be the engine, the spark to create a better world for all.

World Economic Forum 2012, <http://goo.gl/ExaGW>



Open research data – I vantaggi / 5



...pubblicando anche i
dati negativi si evitano
duplicazioni inutili...

Le due vie / green e gold



Green road - deposito

**L'autore deposita
in un archivio Open Access,
nel rispetto delle norme di copyright,
la sua versione finale del lavoro
[quasi mai il pdf con layout editoriale]
uscito su riviste/sedi editoriali tradizionali**

Perché in un archivio Open Access (istituzionale o disciplinare)?

- assegna un ID univoco e persistente (handle), VS pagina personale
- è no-profit VS Research Gate e Academia.edu

A social networking site is not an open access repository

Due specie diverse

	Open access repositories	Academia.edu	ResearchGate
Supports export or harvesting	Yes	No	No
Long-term preservation	Yes	No	No
Business model	Nonprofit (usually)	Commercial. Sells job posting services, hopes to sell data	Commercial. Sells ads, job posting services
Sends you lots of emails (by default)	No	Yes	Yes
Wants your address book	No	Yes	Yes
Fulfills			



Rezensionsüberblicke Disziplinen Grundwissenschaften Mittelalterliche Autoren Varia

CUM IRA ET STUDIO / DIGITAL HUMANITIES / SUMMA SUMMARUM

<http://mittelalter.hypotheses.org/7123>

Upon Leaving Academia.edu

BY G. GELTNER 07/12/2015

Early last week I uploaded to my Academia.edu homepage [a brief note](#) signaling and explaining my decision to close my account on that site. As a medieval historian, I had been an active and enthusiastic member since 2010, with moderately high exposure, and while "On leaving Academia.edu" was meant as a provocative goodbye, I hadn't expected. Above all, however, comments exposed the complacency of users regarding the portal's financial horizons, its plans to monetize, and the political implications thereof, be it for professional academics or the freedom of scholarship in general. The latter—more than any specific feature of the site—was the root cause of my decision to close my account. It is a position I have been invited to explain in the current blog post, using the example of Academia.edu and last week's discussions. In many ways, however, it illuminates the challenges academia and the free exchange of ideas is facing, especially if scholars remain uncritical users of new digital technologies.

extension underwrite independent research). It is time to stop being naïve, and do something for the freedom of scholarship. Open access to scholarship should be a human right, not a business model.

Green road - deposito

il 70% degli editori internazionali lo consente
(Elsevier, Wiley, Springer...), elenco:



...ovviamente, con limiti:

- quasi mai pdf editoriale, spesso «**postprint**»
- possibile **embargo**

[=mesi in cui articolo pur depositato non è visibile]

Author's Pre-print:	✓ author can archive pre-print (ie pre-refereeing)
Author's Post-print:	✓ subject to Restrictions below, author can archive post-print (ie final draft post-refereeing)
Restrictions:	<ul style="list-style-type: none">• 12 months embargo
Publisher's Version/PDF:	✗ author cannot archive publisher's version/PDF
General Conditions:	<ul style="list-style-type: none">• Some journals have separate policies, please check with each journal directly• On author's personal website, institutional repositories, arXiv, AgEcon, PhilPapers, PubMed Central, RePEc or Social• Author's pre-print may not be updated with Publisher's Version/PDF• Author's pre-print must acknowledge acceptance for publication• Non-Commercial• Publisher's version/PDF cannot be used• Publisher source must be acknowledged with citation• Must link to publisher version with set statement (see policy)• If OnlineOpen is available, BBSRC, EPSRC, MRC, NERC and STFC authors, may self-archive after 12 months• If OnlineOpen is available, AHRC and ESRC authors, may self-archive after 24 months

Attenzione...

l'editore ha voce in capitolo
SOLO SE avete firmato CONTRATTO
con CESSIONE DI TUTTI I DIRITTI

Arsenate toxicity on the apices of *Pisum sativum* L. seedling roots: Effects on mitotic activity, chromatin integrity and microtubules

Stefania Dho, Wanda Camusso, Marco Mucciarelli, Anna Fusconi



UNIVERSITÀ DEGLI STUDI DI TORINO

This Accepted Author Manuscript (AAM) is copyrighted and published by Elsevier. It is posted here by agreement between Elsevier and the University of Turin. Changes resulting from the publishing process – such as editing, corrections, structural formatting, and other quality control mechanisms – may not be reflected in this version of the text. The definitive version of the text was subsequently published in ENVIRONMENTAL AND EXPERIMENTAL BOTANY, 69(1), 2010, 10.1016/j.envexpbot.2010.02.010.

You may download, copy and otherwise use the AAM for non-commercial purposes provided that your license is limited by the following restrictions:

- (1) You may use this AAM for non-commercial purposes only under the terms of the CC-BY-NC-ND license.
- (2) The integrity of the work and identification of the author, copyright owner, and publisher must be preserved in any copy.
- (3) You must attribute this AAM in the following format: Creative Commons BY-NC-ND license (<http://creativecommons.org/licenses/by-nc-nd/4.0/deed.en>), 10.1016/j.envexpbot.2010.02.010

The definitive version is available at:
<http://linkinghub.elsevier.com/retrieve/pii/S0098847210000353>

Abstract

Arsenic (As) is one of the most toxic plant growth. Despite the growing this element on meristem activity study, short-term experiments with whether plant growth impairment was studied by evaluating apical fragmentation and microtubule organization that arsenate, at the lowest concentrations, whilst the other concentrations, whilst the other concentrations, whilst the other concentrations (through immunofluorescence). The metaphases increased, as did the mitotic spindles, which closely resemble those induced by colchicine. Chromosome breaks and anaphase bridges were virtually absent. These data point to a poor clastogenic activity of As and implicate that microtubules are one of the main targets of As.

Keywords

Pea; Arsenic; Apical meristems; Aberrations; Immunofluorescence; TUNEL test

1. Introduction

Arsenic (As) is a toxic element, frequently found in soils and water. A main natural source of As is the erosion of mother rock, even though a consistent part of As environmental pollution comes from human activities (Meharg and Hartley-Whitaker, 2002 and Patra et al., 2004). The As in unpolluted fresh water is usually in the range 1–10 µg/L. According to EPA and WHO, the maximum permissible As concentration in drinking water is 50 µg/L (Mandal and Suzuki, 2002).

Arsenic is a well-established human carcinogen (Qin et al., 2008a) and has been shown to be genotoxic in a variety of *in vitro* studies (Hughes, 2002). In plants, it severely affects growth and development, and its toxicity is strongly dependent on the concentration, exposure time and physiological state of the plant (Singh et al., 2007). However, plants vary in their sensitivity to As, and a wide range of species have been identified in As-contaminated soils (Meharg and Hartley-Whitaker, 2002). Besides, hyperaccumulators such as *Pteris vittata*, which tolerate high internal As content, may also use this As to defence themselves against herbivore attack (Mathews et al., 2009).

Higher plants take up As mainly as arsenate (V), the dominant form of phytoavailable As in aerobic soils. According to Meharg and Hartley-Whitaker (2002), As competes with phosphate for plant phosphate transporters. Upon absorption, most arsenate is rapidly reduced to arsenite (III), due to an arsenate reductase activity (Xu et al., 2007), hence, the arsenate cytoplasmic concentration is generally not high enough to exert toxicity (Meharg and Hartley-Whitaker, 2002). Both As species interfere with various metabolic pathways: arsenate, as an analogous chemical to phosphate, may replace phosphate in the ATP and in various

and by ent ess with NA own ted the rule of the and ate of



Contents lists available at ScienceDirect

Environmental and Experimental Botany

journal homepage: www.elsevier.com/locate/envexpbot



Arsenate toxicity on the apices of *Pisum sativum* L. seedling roots: Effects on mitotic activity, chromatin integrity and microtubules

Stefania Dho^a, Wanda Camusso^a, Marco Mucciarelli^b, Anna Fusconi^{a,*}

^a Dipartimento di Biologia Vegetale, CEBIOVEM, Viale Mattioli 25, I-10125 Torino, Italy

^b Dipartimento di Morfologia Vegetativa, Via Leonardo da Vinci 44, I-10095 Grugliasco (To), Italy

ARTICLE INFO

Article history:

Received 20 July 2009

Received in revised form 9 February 2010

Accepted 14 February 2010

Keywords:

Pea
Arsenic
Apical meristems
Aberrations
Immunofluorescence
TUNEL test

ABSTRACT

Arsenic (As) is one of the most toxic pollutants in the environment, where it severely affects both animal and plant growth. Despite the growing literature data on As effects on plant development, alterations induced by this element on meristem activity of the root have not been explored to any great extent. In the present study, short-term experiments with arsenate have been conducted on *Pisum sativum* L. seedlings to assess whether plant growth impairment is due to DNA/chromosome or mitotic microtubule damages. Root growth was studied by evaluating apical meristem activity and cell elongation. Mitotic aberrations, DNA fragmentation and microtubule organization of the apical cells were also analyzed. The results have shown that arsenate, at the lowest concentration (0.25 µM), slightly increases root growth and some related parameters, whilst the other concentrations have a dose-dependent negative effect on root growth, on the mitotic and labelling index (after bromo-deoxyuridine administration), and on the mitotic arrays of microtubule (through immunofluorescence). The main effects on mitosis occurred for 25 µM As. The percentage of metaphases increased, as did the irregular metaphases and c-mitoses. This was related to alterations in the mitotic spindles, which closely resemble those induced by colchicine. Chromosome breaks and anaphase bridges were virtually absent, whilst DNA fragmentation only increased from 25 µM arsenate onwards. These data point to a poor clastogenic activity of As and implicate that microtubules are one of the main targets of As.

© 2010 Elsevier B.V. All rights reserved.

1. Introduction

Arsenic (As) is a toxic element, frequently found in soils and water. A main natural source of As is the erosion of mother rock, even though a consistent part of As environmental pollution comes from human activities (Meharg and Hartley-Whitaker, 2002; Patra et al., 2004). The As in unpolluted fresh water is usually in the range 1–10 µg/L. According to EPA and WHO, the maximum permissible As concentration in drinking water is 50 µg/L (Mandal and Suzuki, 2002).

Arsenic is a well-established human carcinogen (Qin et al., 2008a) and has been shown to be genotoxic in a variety of *in vitro* studies (Hughes, 2002). In plants, it severely affects growth and development, and its toxicity is strongly dependent on the concentration, exposure time and physiological state of the plant (Singh et al., 2007). However, plants vary in their sensitivity to As, and a wide range of species have been identified in As-contaminated soils (Meharg and Hartley-Whitaker, 2002). Besides, hyperaccumulators such as *Pteris vittata*, which tolerate high internal As content,

may also use this As to defence themselves against herbivore attack (Mathews et al., 2009).

Higher plants take up As mainly as arsenate (V), the dominant form of phytoavailable As in aerobic soils. According to Meharg and Hartley-Whitaker (2002), As competes with phosphate for plant phosphate transporters. Upon absorption, most arsenate is rapidly reduced to arsenite (III), due to an arsenate reductase activity (Xu et al., 2007), hence, the arsenate cytoplasmic concentration is generally not high enough to exert toxicity (Meharg and Hartley-Whitaker, 2002). Both As species interfere with various metabolic pathways: arsenate, as an analogous chemical to phosphate, may replace phosphate in the ATP and in various phosphorylation reactions, leading to the disruption of the energy flow in cells. The toxicity of arsenite is mainly ascribed to its reaction with sulphhydryl groups of proteins that interfere with their functions (Meharg and Hartley-Whitaker, 2002; Patra et al., 2004).

Exposure to high concentrations of As induces the production of reactive oxygen species (ROS) (Singh et al., 2007; Wang et al., 2007; Lin et al., 2008; Shri et al., 2009) and the conversion of arsenate to arsenite is regarded as one of the causes of ROS generation (Wang et al., 2007). Oxidative stress induced by As can damage cells, mainly through lipid peroxidation of membranes (Singh et al., 2007) and DNA fragmentation, as has been demonstrated in leaves and roots

* Corresponding author. Tel.: +39 011 6705968; fax: +39 011 6705962.
E-mail address: anna.fusconi@unito.it (A. Fusconi).

L'AUTORE NON CAMBIA LE SUE ABITUDINI EDITORIALI

- **CONTINUA A PUBBLICARE SULLE MIGLIORI RIVISTE DEL SETTORE**
(per motivi di valutazione o di carriera accademica)
- poi rende disponibile nell'archivio istituzionale il suo lavoro **NELLA VERSIONE CONSENTITA DALL'EDITORE** (post-print, raro pdf)



Gold road

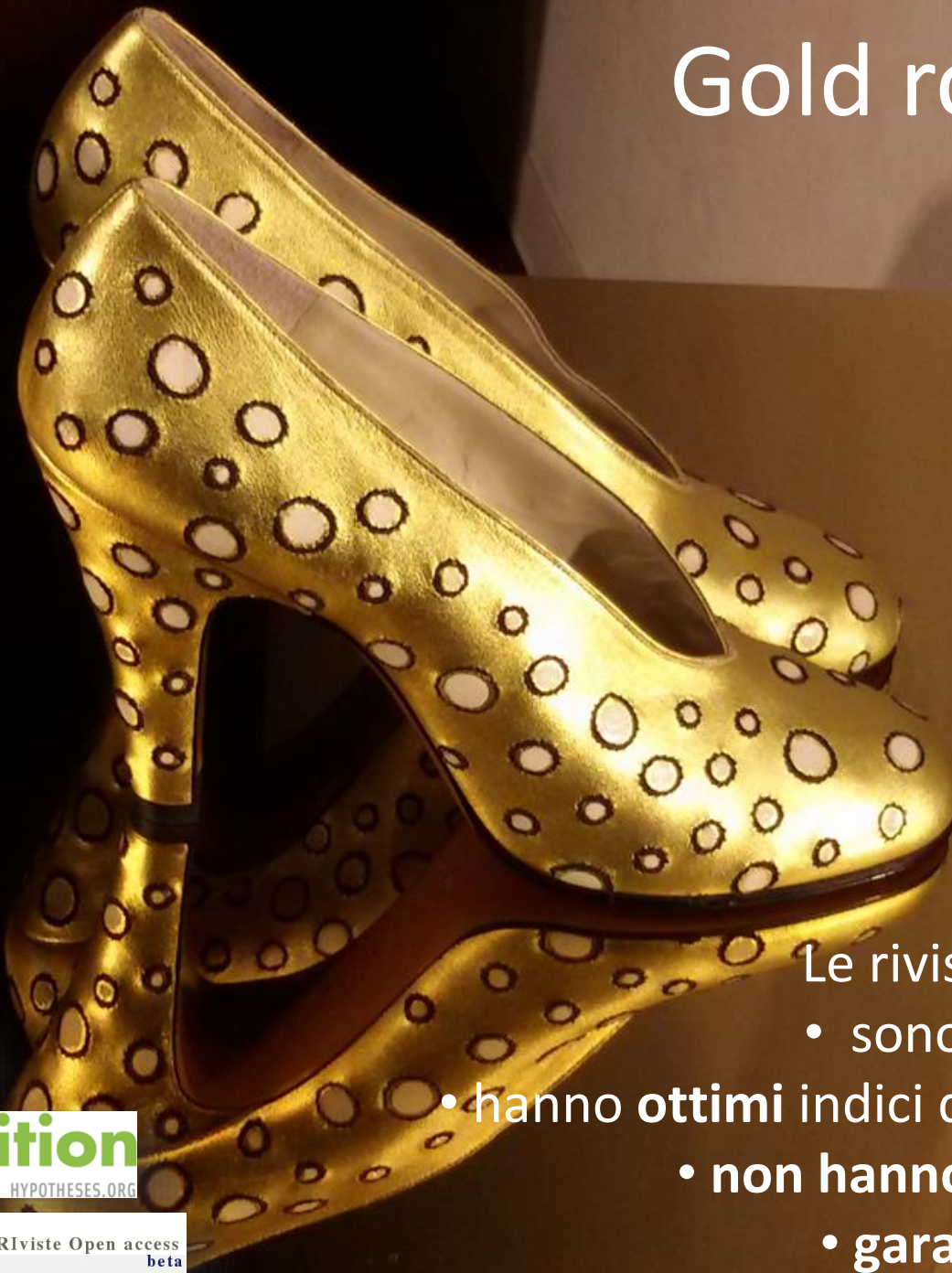
Pubblicazione in Open Access

- si cambia sede editoriale
- si sceglie una delle oltre 9.000 riviste Open Access (elenco in DOAJ, Directory of Open Access Journals)
- nel 23% dei casi si paga una Article Processing Fee, che varia da 500 a 2900 \$ per articolo (è la logica del francobollo...)
- anche gli editori tradizionali fanno pagare figure, pagine...

DOAJ DIRECTORY OF
OPEN ACCESS
JOURNALS

<https://doaj.org/>

Gold road



Le riviste Open Access:

- sono **peer reviewed**,
- hanno **ottimi** indici di **Impact Factor**,
- **non** hanno abbonamento,
- **garantiscono** il riuso



Attenzione ai borseggiatori...

Scholarly Open Access
Critical analysis of scholarly open-access publishing

Home About the Author Disclaimer LIST OF PUBLISHERS LIST OF STANDALONE JOURNALS

Other pages <http://scholarlyoa.com/publishers/>

LIST OF PUBLISHERS

Beall's List:

Potential, possible open-access publishers

This is a list of questions that we recommend that scholars use to help them decide whether they want to submit articles to a particular journal. It is not a checklist, but a set of criteria for determining whether a journal is likely to be a good fit for your work.

We hope that tenure committees and other gatekeepers will use these questions to help them make decisions about which journals to recommend. We also hope that these questions will help you decide whether a journal is a good fit for your work.

- o The 5th Publisher
- o ABC Journals

College & Research Libraries
news
Association of College & Research Libraries

HOME | CURRENT ISSUE | PAST ISSUES | ALERTS | SUBSCRIBE | HELP

March, 2015

Cites & Insights

Crawford at Large
Libraries • Policy • Technology • Media

Volume 14, Number 4: April 2014 ISSN 1534-0937 Walt Crawford

Intersections

Ethics and Access 1: The Sad Case of Jeffrey Beall

Open access (OA) is all about ethics, economics and equity, and the three interact in various ways. OA is inherently at the intersection of libraries, media, policy and technology—but that's a different issue.

This is the first of a trio of essays: two related to fairly specific situations, one covering a range of ethical discussions. Depending on how you define

ways a little different, however. He first encountered OA when reviewing a publisher, Bentham Open, for *The Charleston Advisor*. It's a very negative review for what seem to be good reasons, and at the time Beall seemed to be at least potentially positive about OA itself, based on the first sentence of this extract:

The Open Access model is a good one, for it makes research freely available to everyone. However, Bentham Open is exploiting the good will of those who established the Open Access model by twisting it and exploiting it for profit. Just because a journal is Open Access doesn't make it legitimate or high quality.

...there are many kinds of people who talk about OA, and many who don't. Some of them are just trying to make a buck, and some are just trying to make a name for themselves. Which one are you?



Choose the right journal for your research

Home Think Check Submit About FAQ

Sharing research results with the world is key to the progress of your discipline and career. But with so many publications, how can you be sure you can trust a particular journal? Follow this check list to make sure you choose trusted journals for your research.



Are you submitting your research to a trusted journal?
Is it the right journal for your work?



Use our [check list](#) to assess the journal



Only if you can answer 'yes' to the questions on our [check list](#)

<http://thinkchecksubmit.org/>

La «red road»

la Gold road **non** è la «Open Choice»
degli editori tradizionali
(Elsevier, Springer, Wiley...)

pagando 3000 \$,
UN SINGOLO articolo viene reso Open Access,
mentre la rivista resta IN ABBONAMENTO

di fatto, paghiamo due volte...

serve solo se l'ente finanziatore
stabilisce embargo massimo inferiore a
quello stabilito dall'editore
(es. Horizon 2020, che però rimborsa)

[DA EVITARE SE POSSIBILE, perché auto-
archiviando ottengo stesso effetto, gratis!!!]

Cosa non è l'Open Access / 1

NON è in contrasto con il diritto d'autore

- negli archivi, solo materiale che non viola il copyright
- consigliate le Licenze Creative Commons

Cosa non è l'Open Access / 2.1

NON è un canale di serie B - archivi



- negli archivi, lavori già pubblicati altrove (e referati altrove)
- che interesse ho a far vedere al mondo un lavoro mediocre, o copiato, o scientificamente non solido??????

Cosa non è l'Open Access / 2.2

NON è un canale di serie B - riviste

9

Reasons for not publishing OA?

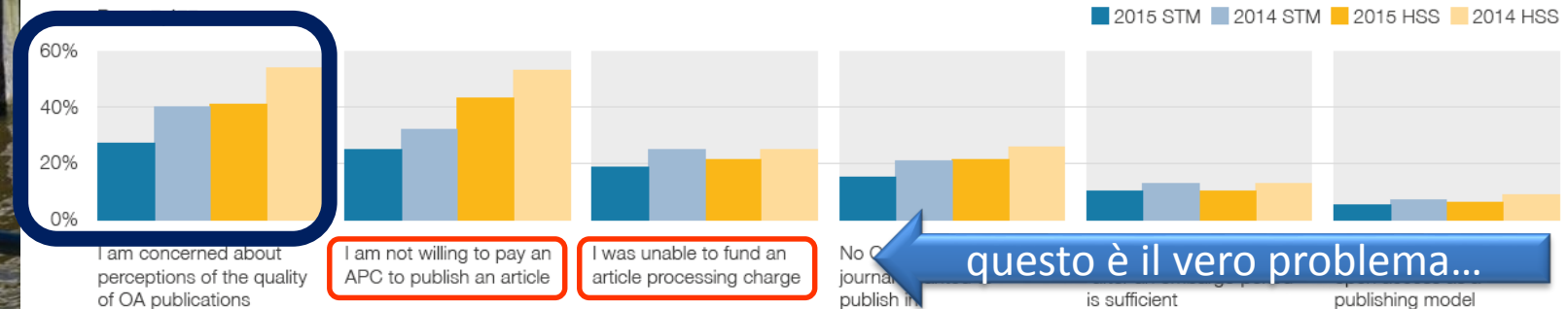
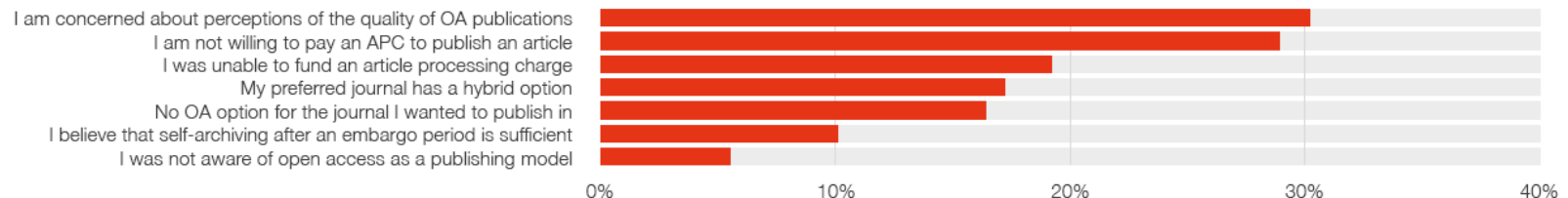
Nature Pub. Group, 2015 Authors' insights survey

"Which of the following are reasons why you haven't published any of your articles via an immediate open access model in the past three years?" (select all that apply)

Anche per le riviste, la qualità è in crescita

The most common reason given for not publishing Open Access is a concern about perceptions of quality, but the proportion of authors with this opinion seems to be in decline.

Base: 7,955



questo è il vero problema...

Cosa non è l'Open Access / 3

NON è un veicolo di plagio, anzi,
deposito garantisce data certa.
E “attribuzione” è unico requisito


EKEBERGPARKEN
KUNST/HISTORIE/NATUR

**ON OUR WAY TO
MUNCH'S
SCREAM HILL!**



for any responsible purpose, subject to proper attribution of authorship

Cosa non è l'Open Access/ 4

NON è in contrasto con la peer review,
che anzi è spesso condotta in modo
più trasparente



Legge italiana sull'Open Access



Legge
112/2013

«2. I soggetti pubblici preposti all'erogazione o alla gestione dei finanziamenti della ricerca scientifica adottano, nella loro autonomia, le misure necessarie per la promozione dell'accesso aperto ai risultati della ricerca finanziata per una quota pari o superiore al 50 per cento con fondi pubblici, quando documentati in articoli pubblicati su periodici a carattere scientifico che abbiano almeno due uscite annue. I predetti articoli devono includere una scheda di progetto in cui siano menzionati tutti i soggetti che hanno concorso alla realizzazione degli stessi. L'accesso aperto si realizza:

a) tramite la pubblicazione da parte dell'editore, al momento della prima pubblicazione, in modo tale che l'articolo sia accessibile a titolo gratuito dal luogo e nel momento scelti individualmente;

b) tramite la ripubblicazione senza fini di lucro in archivi elettronici istituzionali o disciplinari, secondo le stesse modalità, entro diciotto mesi dalla prima pubblicazione per le pubblicazioni delle aree disciplinari scientifico-tecnico-mediche e ventiquattro mesi per le aree disciplinari umanistiche e delle scienze sociali.



EUROPEAN COMMISSION
Directorate-General for Research & Innovation

<http://goo.gl/Lr1MXM>

Guidelines on Open Access
to Scientific Publications and Research Data
in Horizon 2020



<https://www.openaire.eu/>

PARTICIPATE SEARCH MONITOR

OpenAIRE survey on
attitudes to Open Peer
Review

Get funding for your FP7 Post



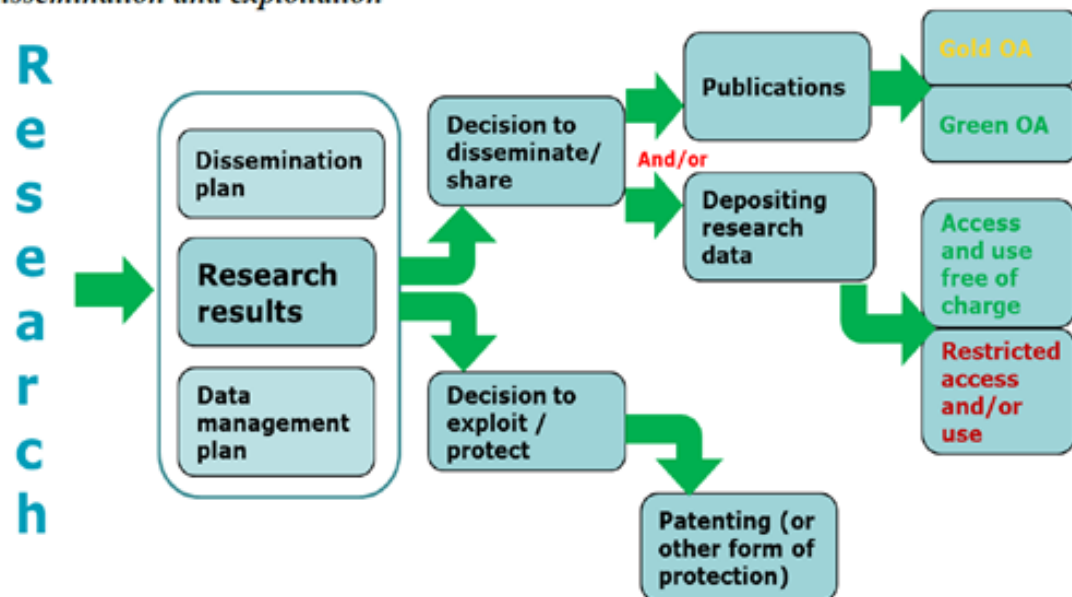
RESEARCHERS

Why Open Access. How to comply. What
services to use.

DATA PROVIDERS

How to make your content more visible. What
to do to increase quality. How to join.

Graph: Open access to scientific publication and research data in the wider context of dissemination and exploitation



3. Mandate on open access to publications

The detailed legal requirements on open access to publications are contained in article 29.2 of the Model Grant Agreement.

Under Horizon 2020, each beneficiary must ensure open access to all peer-reviewed scientific publications relating to its results.

Horizon 2020

Chi è finanziato con fondi Horizon 2020 ha **l'obbligo** di

a) depositare in un archivio

b) rendere disponibili in Open Access tutti i risultati della ricerca entro 6/12 mesi dalla pubblicazione

- il deposito **assolve l'obbligo purché** non sia previsto embargo superiore ai 6/12 mesi
- in caso di **embargo** di durata **superiore**, va scelta la **Open Choice degli editori tradizionali [unico caso]**.

Le **spese** per le Article Processing Charges sono **rimborsabili** purché siano previste nel budget iniziale.

Il Regolamento UniTO

Il Regolamento Open Access (DR 4481 del 20/8/2014) prevede che

- al momento della pubblicazione vengano inseriti per i prodotti pubblicati dal 1 nov. 2013

- i dati bibliografici

- il file nella versione consentita per l'Open Access

- (se non viene consentita nessuna versione: deroga)

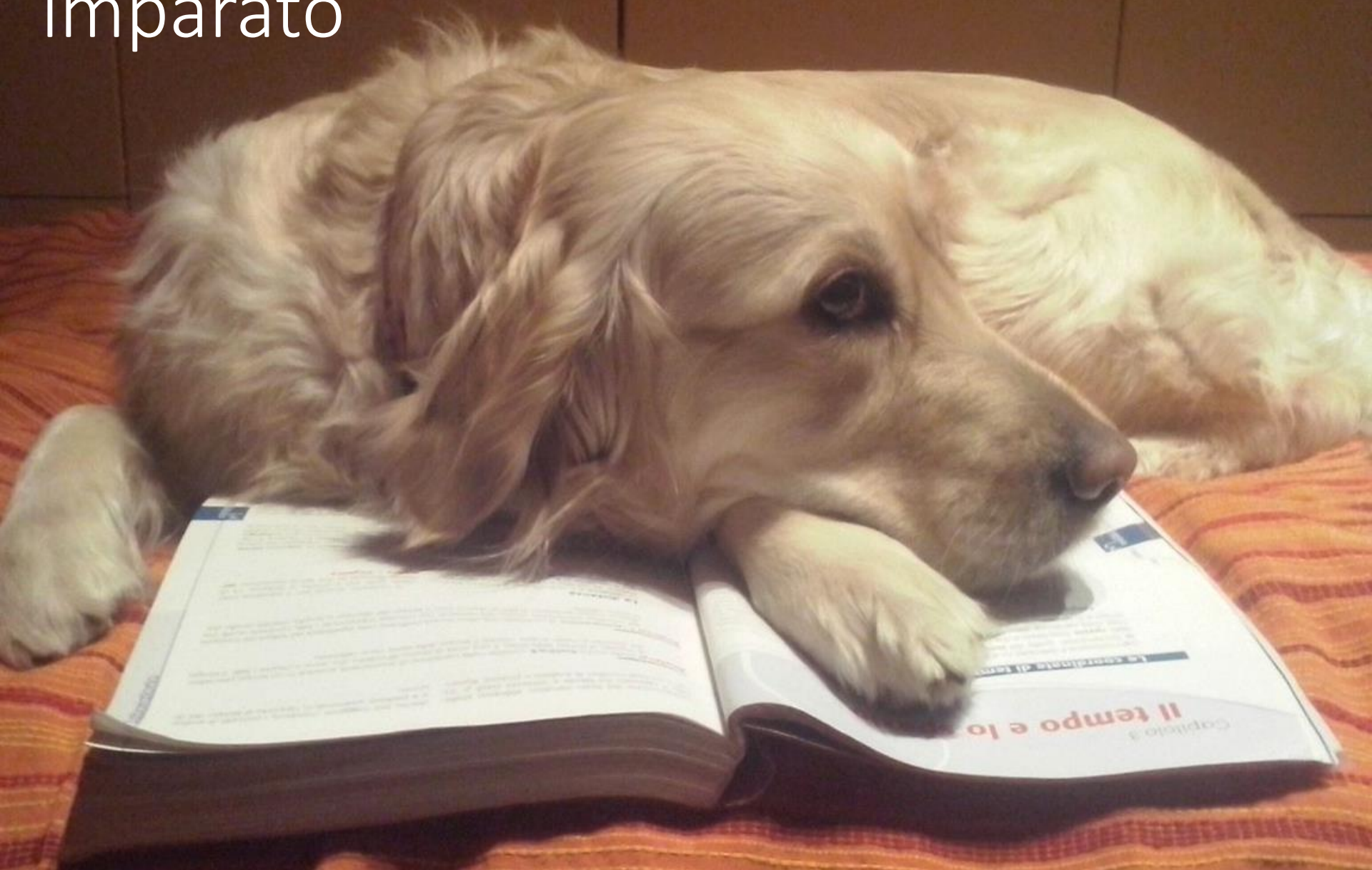
NON è più richiesto pdf editoriale ad accesso riservato

- per la **VALUTAZIONE INTERNA** verranno presi in **considerazione SOLO** i prodotti che hanno **allegato il file nella versione consentita per l'Open Access** [art. 4.3]

- (se non viene consentita nessuna versione: deroga)

NB: si tratta di un pre-requisito non di un criterio

... due o tre cose che abbiamo
imparato





Il legame
con la valutazione della ricerca
è fondamentale

**ROMPERE MURO
DI INDIFFERENZA E “FALSI MITI”**

**CREARE CONSAPEVOLEZZA SU
LOGICHE E VANTAGGI**

A ciascuno il suo

...a ogni attore coinvolto, il suo linguaggio...

[con gli autori: citazioni, prestigio, riconoscimento delle competenze...
con gli amministratori: trasparenza, ritorno sugli investimenti...
con editori: opportunità ...]



DIALOGO ISTITUZIONALE



è necessario pieno
coinvolgimento e supporto

Chi fa cosa



- ufficio dedicato che supporti in tutto le pratiche di deposito
- comitato di ateneo
- referenti nei dipartimenti: supporto operativo



A close-up photograph of a marble statue, likely a classical Greek or Roman figure. The statue is shown in profile, facing right. It features a large, ornate headdress with a circular, beaded pattern. The marble is light-colored with some darker, possibly carved or weathered, areas. The background is dark and out of focus.

TECNICAMENTE:

snellire i flussi, prevedere un solo punto di INPUT dati;
l'archivio va interfacciato con gli altri sistemi di ateneo



fornire tutto il supporto possibile

CINECA IRIS Institutional Research Information System

IRIS è il sistema di gestione integrata dei dati della ricerca (persone, progetti, pubblicazioni, attività) adottato dall'Università degli Studi di Torino.

ApeTO è l'archivio istituzionale Open Access destinato a raccogliere, rendere visibile e conservare la produzione scientifica dell'Università degli Studi di Torino.



UNIVERSITÀ
DEGLI STUDI
DI TORINO



3

Prodotti recenti



«La tragedia delle tragedie»: l'Alfieri di De Sanctis, «un ideale altissimo di tragica perfezione»

Sommario È noto l'interesse di De Sanctis per Alfieri, in particolare per la sua produzione tragica. Il ritratto alfieriano offertoci dal critico irpino è quello di un letterato costantemente alla ricerca di se stesso, determinato a creare la « tragedia delle tragedie ...

Open Access: istruzioni

Come depositare

- Come allegare il file Open Access
- Tutorial
- Domande frequenti

Politiche di copyright

- Editori italiani
- Editori stranieri (banca dati SHERPA RoMEO)
- Riviste Elsevier (embargo specifico)
- Dubbi sul copyright
- Versioni ed embargo già calcolato

Open Access, ovvero...

- Open Access in breve
- Il Regolamento di Ateneo sull'accesso aperto
- Open Access in Unito

Disclaimer

- Form e contatti
- Le politiche di ApeTO

Help-desk

- Aprire un ticket

Strumenti

- Richiesta di deroga
- Copertine
- Moduli editori e Addenda ai contratti
- Glossario

...urge la promozione...



...un enorme sforzo di promozione:
seminari in ognuno dei 27 dipartimenti

Le reazioni...

ENTUSIASTI
depositano tutto

RASSEGNA TI

minimo sindacale, visto
come ennesimo carico
burocratico

CONVINTI

depositano più del richiesto
e aprono riviste OA

RIOTTOSI

fanno rimostranze ma
poi si adeguano

**CONTRARI A
OLTRANZA**

Funziona?



Allegati Open Access		+ %
Nov 8, 2008 - Nov. 1, 2013 (senza Regolamento)	3.430	
Nov. 2013 – Ago. 2016 (dopo entrata in vigore)	12.142	354%



...buon lavoro!

elena.giglia@unito.it