Increasing our Impact: The Case for Open Access

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2012
ACRL Excellence in Academic Libraries Award
the lifecycle of scholarship

Formulation
Registration
Certification
Selection
Dissemination
Archiving
Access
normal economy

Steelmakers → Steel → Auto manufacturers → Cars → Consumers

Steel → $ → Auto manufacturers

Cars → $ → Consumers
prestige economy

Author

P&T
Grants
Reputation
Prestige

Article & IP

Publisher

Journal

Library
wholesale transfer of rights
creates scarcity
drives prices up

High price limits access

Tight IP control limits reuse, sharing, text and data mining
effect of market consolidation
U.S. Library Spending, R&D Spending, and Journals 1995-2007

- Serial Spending (HEPI Adjusted): +60%
- Total Library Spending (HEPI Adjusted): +30%
- US R&D Spending (Total): +10%
- No. Refereed Journals (Ulrich’s)
- Global Journals Published (NSF)
- US Journals Published (NSF)
open source education textbooks science data access
Libre

permissions

Green ➔ Gratis ➔ Gold
unrestricted access
unrestricted use
with attribution*

*CC-BY Creative Commons License
Open Access increases citations

From a 12-year sample of 14 M articles in ISI databases
Data: Brody & Harnad 2004; Hajjem et al. 2005
Why is Southampton ranked 3rd highest in the UK and 25th in the world, above Columbia (27th) and Yale (51st)?
Who else is it for?

interdisciplinary readers
underfunded readers
international readers
digital readers
serendipitous readers
approaching a tipping point?

disaggregation of traditional publishing

momentum from researchers & funders

rise of mega-journals

push for access to publicly funded research
Disaggregation of traditional publishing system

- Internet
- formulation
- registration
- certification
- selection
- dissemination
- archiving
- access

- publishers
- peers
- citizen scientists
- social media
- blogs
- researchers
- libraries
- editors
What role, then, for publishers and libraries?

How can we/they add value in a new system?
Disaffection fueling disaggregation?

The Cost of Knowledge

11205 Researchers Taking a Stand. See the list

Academics have protested against Elsevier's business practices for years with little effect. These are some of their objections:

1. They charge exorbitantly high prices for subscriptions to individual journals.

2. In the light of these high prices, the only realistic option for many libraries is to agree to buy very large "bundles", which will include many journals that those libraries do not actually want. Elsevier thus makes huge profits by exploiting the fact that some of their journals are essential.

3. They support measures such as SOPA, PIPA and the Research Works Act, that aim to restrict the free exchange of information.

The key to all these issues is the right of authors to achieve easily-accessible distribution of their work. If you would like to declare publicly that you will not support any Elsevier journal unless they radically change how they operate, then you can do so by filling in your details on this page.

More information:

- Statement of Purpose
- PolyMath journal publishing reform page

Read our blog, and follow the boycott on Twitter here.

Add your name to the list.

First and Last Name

Affiliation

Email

only used once to verify your identity; never displayed, never shared

Subject: Mathematics

Comments (optional)

Link (optional)

such as a link to a blog post of yours explaining your position

I plan to refrain from:

- publishing
- refereeing
- editorial work

Add My Name

11205 people from All Subjects have signed.
rise of the mega-journal

2011: <14,000 articles
The Illusion of Owning a Third Arm

Article Usage

Total Article Views: 5635 from Feb 23, 2011 (publication date) - Mar 9, 2011

Breakdown by View Type
HTML Page Views: 5049
PDF Downloads: 567
XML Downloads: 19

Cumulative Views from Feb 23, 2011 (publication date) - Mar 9, 2011

Metrics

Total Article Views: 5635
Average Rating (0 User Ratings)
See all categories
Rate This Article

Related Content

Related Subject Categories
Neuroscience, Mental Health

Related Articles on the Web
Google Scholar

Share this Article

Email this article
peer review

certification
selection

sound methodology
interest/importance
momentum from researchers and funders

Ground-breaking science, selected by experts, published without delay, open for greater influence.

eLife is a researcher-driven initiative for the very best in science and science communication. We promote rapid, fair, and more constructive review. We will use digital media and open access to increase the influence of published works. We commit to serving authors and advancing careers in science. At eLife, publishing is just the beginning.

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RECENT NEWS

Open sesame (The Economist)
April 17, 2012

...The Wellcome Trust, a medical charity that pumps more than £660m ($895m) a year into research, already requires open access within six months of publication, but the compliance rate is only 55%. The charity says it will “get tough” on scientists who publish in journals... read more.

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HOWARD HUGHES MEDICAL INSTITUTE

Wellcome Trust
Quoting World Bank president:

“Knowledge is power....Making our knowledge widely and readily available will empower others to come up with solutions to the world’s toughest problems. Our new Open Access policy is the natural evolution for a World Bank that is opening up more and more.”

The policy will also apply to Bank research published with third party publishers including the institution’s two journals—World Bank Research Observer (WBRO) and World Bank Economic Review (WBER)—which are published by Oxford University Press, but in accordance with the terms of third party publisher agreements. The Bank will respect publishing embargoes, but expects the amount of time it takes for externally published Bank content to be included in its institutional repository to diminish over time.

In support of the new Open Access Policy, the World Bank is adopting a Creative Commons Attribution (CC BY) copyright license for content published by the Bank, the most accommodating of all licenses offered by Creative Commons. It allows anyone to distribute, reuse, and build upon the Bank’s published work, even commercially, as long as the Bank is given credit for the original creation. The CC BY license helps the Bank to maximize its impact while simultaneously protecting the Bank's reputation and the integrity of its content.

World Bank content published by third party publishers will be available in the Open Knowledge Repository under a more restrictive Creative Commons license. The new copyright practice goes
momentum from researchers and funders

“We envision a world in which there is free and unrestricted access to information on malaria, independent of geographical locality or socio-economic status.

Knowledge empowers. Empowered people prevent and control malaria better.”
NIH Mandate

$32 Billion
biomedical research grants each year

90,000
peer-reviewed articles each year

Push for access to publicly funded research
500,000 users access 1M+ articles a day

25% users from universities
17% from companies
40% from general public
Push for access to publicly funded research

FRPAA
Federal Research Public Access Act
speeds invention and discovery
greater return on investment
serves mission of universities
Publishing
Public policy
Universities
Academic Libraries
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