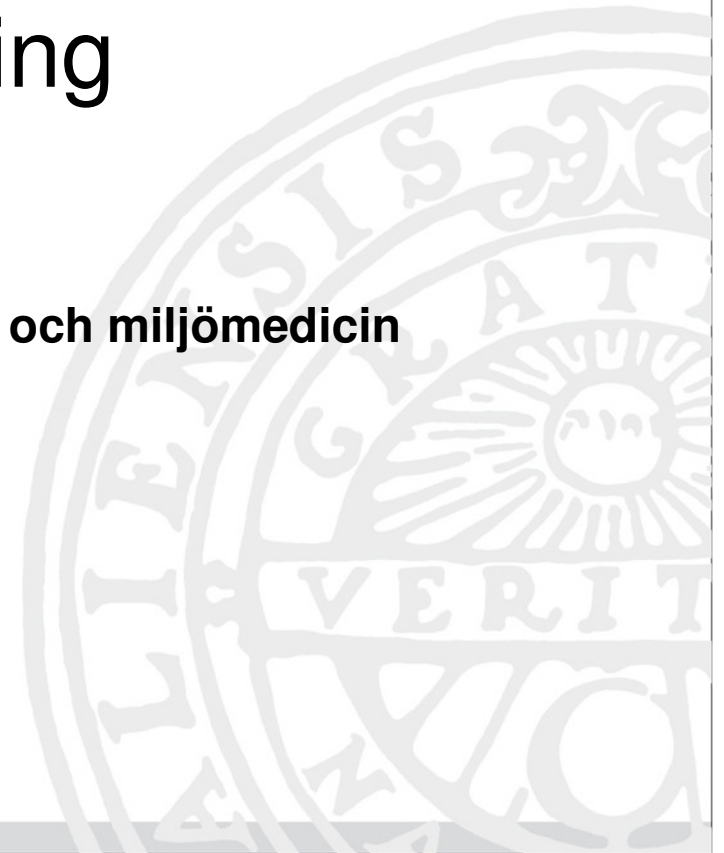


Open access

Publiceringslandskapet i förändring

Höstmöte - Framtidens forskning inom arbets- och miljömedicin
2018-11-15

Christer Lagvik
Uppsala Universitetsbibliotek





Vetenskaplig publicering och ny teknik - några årtal

1450 - Gutenberg uppfinner tryckpressen

1665 - *Journal des Sçavans & Philosophical Transactions of the Royal Society*

1960- och 1970-talet – kommersiella förlag gör sitt intåg. Monetarisering av vetenskaplig publicering

1990-tal - Tim Berners Lee skapar WWW på Cern och webbläsaren Mosaic lanseras. arXiv 1991

2002 - Budapest Open Access Initiative:

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

...give authors control over the integrity of their work and the right to be properly acknowledged and cited.”

Forskningsfinansiärer med open access-krav, några exempel

- Wellcome Trust, 2005-
- National Institute of Health (NIH), 2008-
- European Research Council (ERC), 2008-
- Vetenskapsrådet (VR), 2010-
- Formas, 2010-
- Riksbankens Jubileumsfond (RJ), 2010-
- Knut och Alice Wallenberg Foundation, 2010-
- FORTE, 2012-
- Naturvårdsverket, 2014-
- Horizon 2020, EU, 2014-



ÖSTERSJÖ-
STIFTELSEN



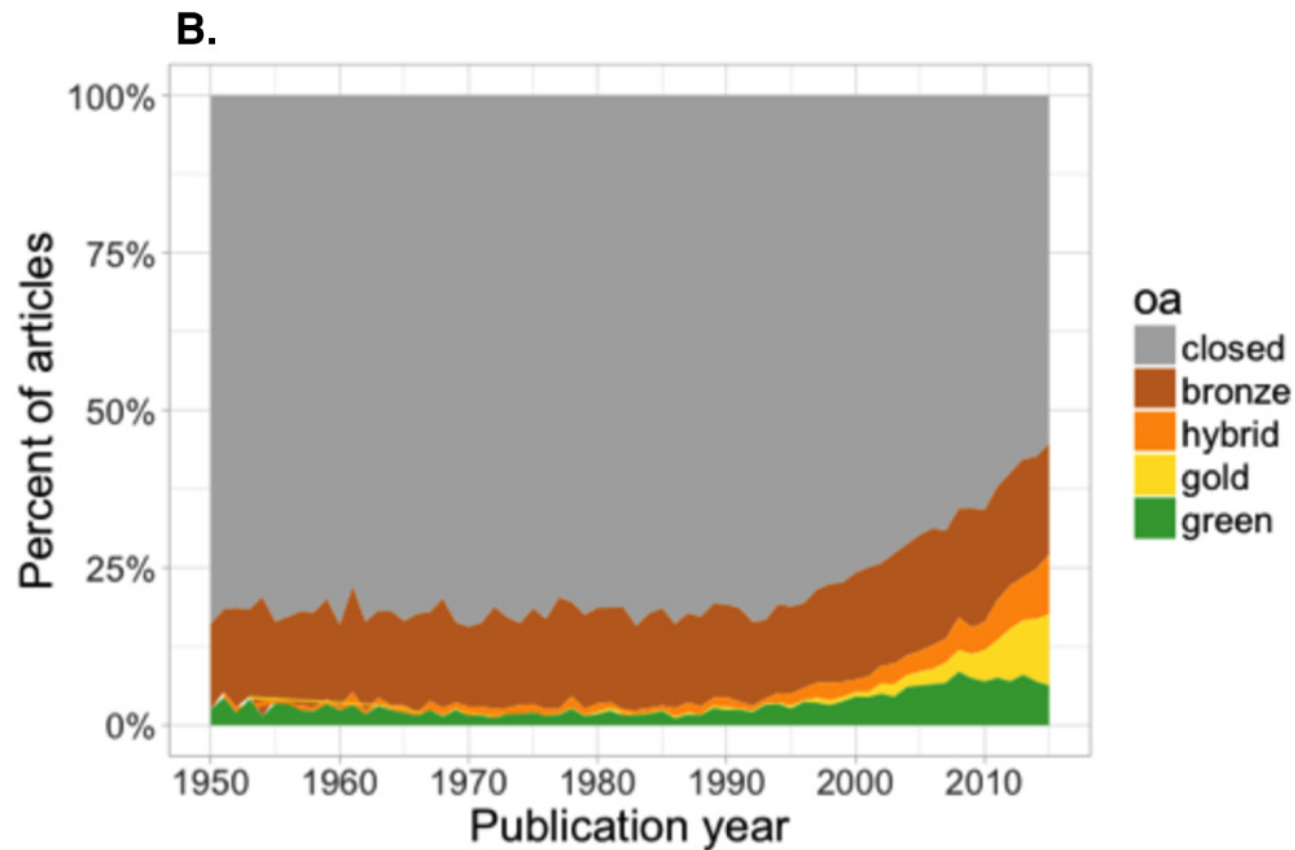
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ENVIRONMENTAL
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Riksbankens
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Piwowar, et al. (2018). The state of OA: a large-scale analysis of the prevalence and impact of Open Access articles. PeerJ,6(4), e4375–23. <http://doi.org/10.7717/peerj.4375>



J. Am. Chem. Soc.

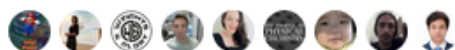
@J_A_C_S

Följ

The editors' decision is in! JACS will now consider submissions of manuscripts previously posted as preprints on @ChemRxiv. Details to follow... 🎉

15:04 - 19 aug. 2018

361 Retweetar 847 gilla-markeringar



18 361 847



J. Am. Chem. Soc. @J_A_C_S · 20 aug.

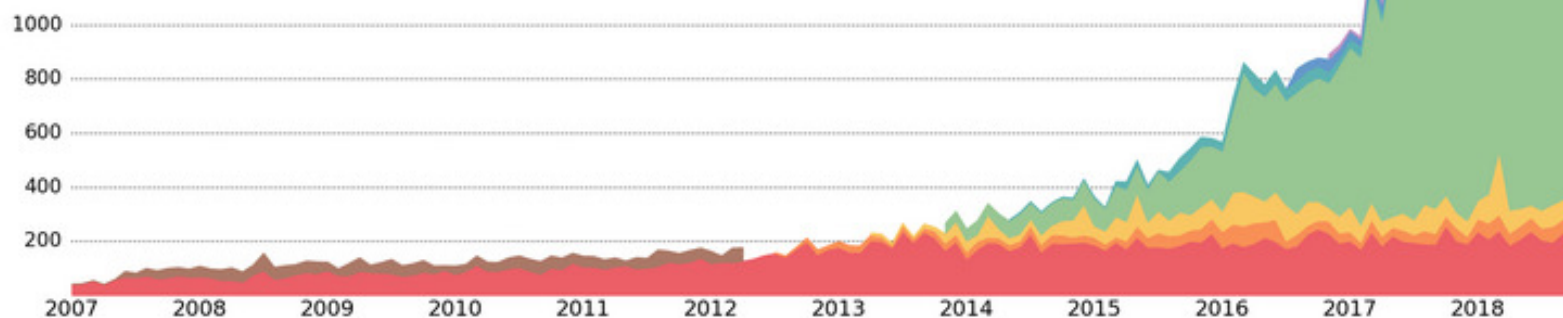
Happy to confirm that manuscripts previously posted to @arxiv and @biorxivpreprint can also be submitted to @J_A_C_S

3 33 80

Preprints

per Month

preprints.org
Wellcome Open Research



http://www.prepubmed.org/monthly_stats/ (2018-11-05)

Från Open Access till Open Science



Carlos Moedas 

@Moedas

Följ

2/4 "Open as possible, as closed as necessary" is the new principle for all [#data](#) from publicly funded [#research](#) in Europe [#openaccess](#)

09:28 - 31 maj 2016

76 Retweeter 32 gilla-markeringar



Open Science

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Citizen Science



Öppna data - vad och varför?

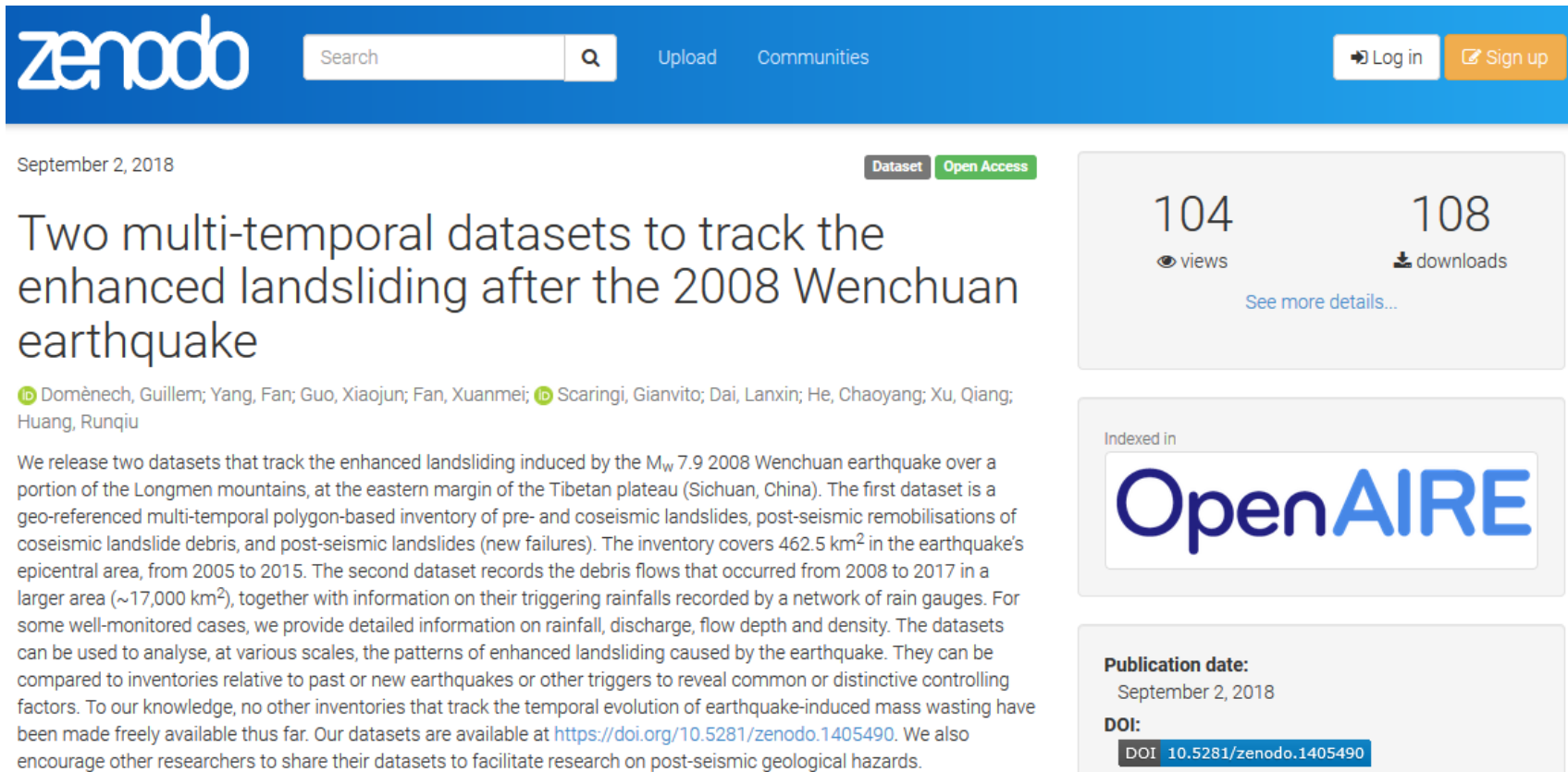
“Öppna” forskningsdata

Fria att nå och ladda ner utan kostnad, fria att återanvända - även i nya sammanhang, fria att spridas vidare.

Varför?

- ökad tillförlitlighet för studier, lättare att granska resultat
- öka studiers reproducerbarhet
- göra det lättare för andra att bygga vidare på data
- undvika duplicering av befintliga data

"Publicerat" dataset





The screenshot shows a Zenodo dataset page for a study on landsliding after the 2008 Wenchuan earthquake. The page includes a header with the Zenodo logo, search bar, and navigation links. The main content area features the dataset title, authors, and a detailed description. On the right, there are statistics for views and downloads, a link to see more details, and a badge indicating the dataset is indexed in OpenAIRE. The publication date and DOI are also displayed.

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September 2, 2018 Dataset Open Access

Two multi-temporal datasets to track the enhanced landsliding after the 2008 Wenchuan earthquake

 Domènech, Guillem; Yang, Fan; Guo, Xiaojun; Fan, Xuanmei;  Scaringi, Gianvito; Dai, Lanxin; He, Chaoyang; Xu, Qiang; Huang, Runqiu

We release two datasets that track the enhanced landsliding induced by the M_w 7.9 2008 Wenchuan earthquake over a portion of the Longmen mountains, at the eastern margin of the Tibetan plateau (Sichuan, China). The first dataset is a geo-referenced multi-temporal polygon-based inventory of pre- and coseismic landslides, post-seismic remobilisations of coseismic landslide debris, and post-seismic landslides (new failures). The inventory covers 462.5 km² in the earthquake's epicentral area, from 2005 to 2015. The second dataset records the debris flows that occurred from 2008 to 2017 in a larger area (~17,000 km²), together with information on their triggering rainfalls recorded by a network of rain gauges. For some well-monitored cases, we provide detailed information on rainfall, discharge, flow depth and density. The datasets can be used to analyse, at various scales, the patterns of enhanced landsliding caused by the earthquake. They can be compared to inventories relative to past or new earthquakes or other triggers to reveal common or distinctive controlling factors. To our knowledge, no other inventories that track the temporal evolution of earthquake-induced mass wasting have been made freely available thus far. Our datasets are available at <https://doi.org/10.5281/zenodo.1405490>. We also encourage other researchers to share their datasets to facilitate research on post-seismic geological hazards.

104 views 108 downloads See more details...


Indexed in OpenAIRE

Publication date: September 2, 2018
DOI: DOI 10.5281/zenodo.1405490

Research data journals

Data papers

Physical Activity and Respiratory Health
(PhARaoH): Data from a Cross-Sectional Study

Authors: Mark W. Orme , Dale W. Esliger, Andrew P. Kingsnorth,
Michael C. Steiner, Sally J. Singh, Dominic Malcolm, Mike D. Morgan,
Lauren B. Sherar

Abstract

The dataset consists of a densely phenotyped sample of adults collected from March to August 2014. The dataset captures behavioural, physical, physiological and psychosocial characteristics of individuals with and without a General Practitioner diagnosis of chronic obstructive pulmonary disease (COPD). Data were collected at Glenfield Hospital on 436

Home About Contact Content Research Integrity

Journal of
open health data

About

Focus and Scope

Open Health Data publishes data papers, which provide a concise description of a dataset and where to find it. A data paper is a publication that is designed to make other researchers aware of data that is of potential use to them for scientific and educational purposes. Data papers can describe deposited data from studies that have not been published elsewhere (including replication research) but also from studies that have previously been published in another journal. As such the data paper describes the

Nya, mindre seriösa, aktörer

- Ny affärsmodell för publicering lockar även **mindre seriösa aktörer**
- Utger sig för att erbjuda den standard som man förväntar sig av ett seriöst förlag...
- ... men i praktiken undermålig vetenskaplig granskning
- Utnyttjar forskares behov av att publicera; presentera på konferenser; medverka som editors och reviewers

Var uppmärksam på...

Möjliga kännetecken på ett förlag som inte är oseriöst

- Spam – framställs som personligt riktat
- Osannolikt kort tidsperiod för granskning av manus
- Otydligt vem/vilka som är utgivare
- Ofullständig kontaktuppgifter för förlag, editor & editorial board
- Vag information om publiceringsavgifter
- Falska metrics , påhittade "impact-faktorer"
- Mimikry – förvillande lik etablerad tidskrift

Kontrollera alltid

- Publiceringsvillkor, hur hanteras copyright?
- Information om peer-review processen
- Editors och editorial board – finns kontaktuppgifter?
- Verkar publicerat material hålla en bra standard?
- Är innehållet relevant vad gäller tidskriftens ämnesområde?



Läs vidare: Eriksson, S., and Helgesson, G. (2017). *The false academy: predatory publishing in science and bioethics*. Med Health Care and Philos 20, 163–170.

Några verktyg

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<https://thinkchecksubmit.org/>



Directory of open access journals

<https://doaj.org/>



Ulrichsweb

<http://www.ulrichsweb.serialssolutions.com>



Medlemskap?

- OASPA - Open Access Scholarly Publishers Association
- COPE - Committee on Publication Ethics

Konsekvenser

- Som författare går man miste om den service & de tjänster som man förväntar sig av ett seriöst förlag
- En publicering blir inte en kvalitetsstämpel utan snarare en belastning
- Sänker förtroendet för vetenskapliga publikationer och i längden tilliten för forskning överhuvudtaget
- Kan utnyttjas av författare/aktörer som vill ge sken av att deras "resultat" är vetenskapligt granskade







Open Peer Review

- exempel från Wellcome Open Research

SOFTWARE TOOL ARTICLE

REVISED ICR142 Benchmark: evaluating, optimising and benchmarking variant calling performance using the ICR142 NGS validation series [version 2; referees: 2 approved]

Previously titled: ICR142 Benchmark: evaluating, optimising and benchmarking variant calling using the ICR142 NGS validation series

Elise Ruark ¹, Esty Holt ¹, Anthony Renwick¹, Márton Münz¹, Matthew Wakeling ², Sian Ellard ², Shazia Mahamdallie¹, Shawn Yost¹,  Nazneen Rahman ^{1,3}

 [Author details](#)



This article is included in the [Transforming Genetic Medicine Initiative \(TGMI\)](#) gateway.


Abstract

Evaluating, optimising and benchmarking of next generation sequencing (NGS) variant calling performance are essential requirements for clinical, commercial and academic NGS pipelines. Such assessments should be performed in a consistent, transparent and reproducible fashion, using independently, orthogonally generated data.





METRICS

215


 VIEWS


18

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| REVISED Version 2 published 31 Oct 2018 |  read report |  read report |
| Version 1 published 31 Aug 2018 |  read report |  read report |

1 **Oliver Hofmann** , University of Melbourne, Australia

2 **Birgit Sikkema-Raddatz** , University of Groningen, University Medical Center Groningen, The Netherlands

Lennart F. Johansson , University of Groningen, University Medical Center Groningen, The Netherlands

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Open-access publisher sacks 31 editors amid fierce row over independence

By [Martin Enserink](#) | May. 20, 2015 , 5:15 PM

A booming open-access (OA) publishing company has dismissed virtually the entire leadership of two medical journals amid a heated conflict over editorial independence. Frontiers, based in Lausanne, Switzerland, removed 31 editors of *Frontiers in Medicine* and *Frontiers in Cardiovascular Medicine* on 7 May after the editors complained that company staff were interfering with editorial decisions and violating core principles of medical publishing.

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Open-access journal editors resign after alleged pressure to publish mediocre papers

By [Jop de Vrieze](#) | Sep. 4, 2018 , 3:45 PM

All 10 senior editors of the open-access journal *Nutrients* resigned last month, alleging that the publisher, the Multidisciplinary Digital Publishing Institute (MDPI), pressured them to accept manuscripts of mediocre quality and importance.

Open access + peer review = sant ?

