



Open metadata: An essential resource for high-quality research intelligence

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Research Intelligence Network Netherlands (RINN) symposium

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Universiteit
Leiden
The Netherlands

Strategy Evaluation Protocol (SEP) and Recognition & Rewards



Strategy Evaluation Protocol

2021-2027

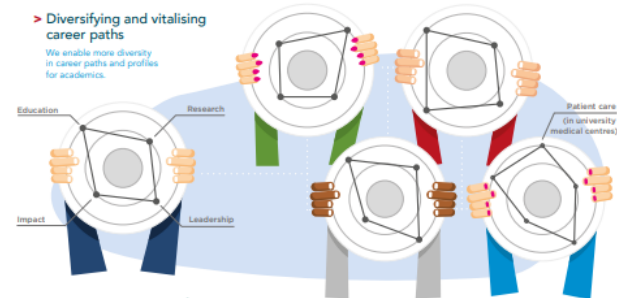
VSNU KNAW NWO

Room for everyone's talent

towards a new balance in the recognition and rewards of academics

> Diversifying and vitalising career paths

We enable more diversity in career paths and profiles for academics.



> Achieving balance between individuals and the collective

We assess academics based on both their individual and their team performance.



> Focusing on quality

In our assessments of academic performance, we increasingly focus on quality, content and creativity.

> Stimulating open science

We encourage academics to share their research outcomes with society.



> Stimulating academic leadership

We stimulate good academic leadership at all levels.

What kind of research intelligence do we need?

To support the new SEP and recognition & rewards,
research intelligence needs to be based on indicators that are

Transparent

Pluralistic

Democratic

What kind of research intelligence do we need?

Transparent, pluralistic, and democratic indicators require

Openly available research information,
preferably in an **Open Knowledge Base** for the Netherlands

Open metadata on scholarly outputs

Open Knowledge Base

Open Working

Open Working from 4TU.ResearchData & TU Delft Library (Since 2017)

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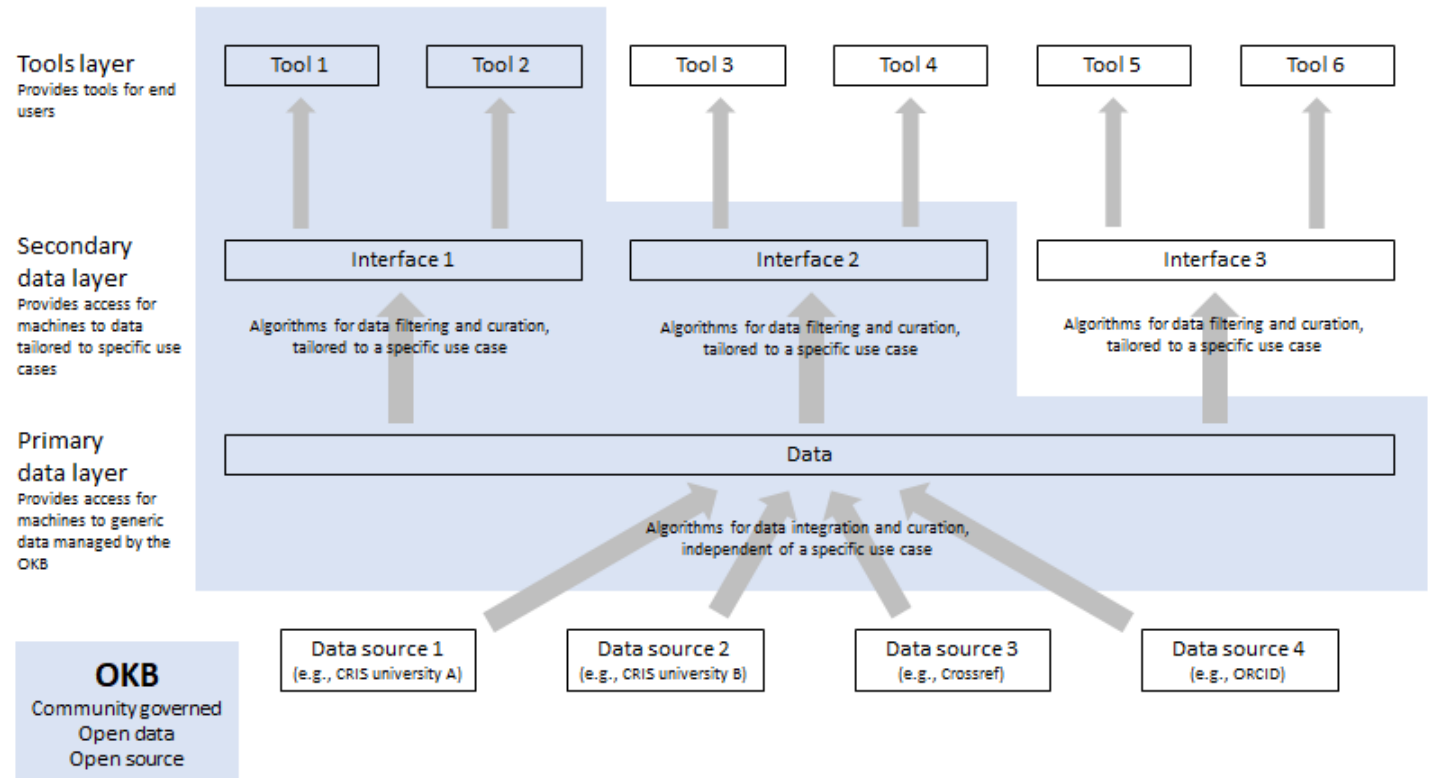
MAY 29, 2020

What is an Open Knowledge Base anyway?

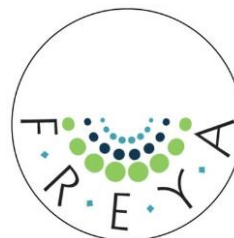
The recent contract signed between the Dutch research institutions and the publishers Elsevier mentions the possibility of an Open Knowledge Base (OKB), but the details are vague. This blog post looks some more about definitions of an OKB within the context of scholarly communications and elements that need to be taken into account in building one.

Readers may also be interested in [contributing to the consultation](#) that is being run as part of the [Dutch Taskforce on Responsible Management of Research Information and Data](#). The VSNU will also be commissioning a feasibility study on the topic.

Authors: Alastair Dunning, Maurice Vanderfeesten, Sarah de Rijcke, Magchiel Bijsterbosch, Darco Jansen (all members of above taskforce)



Open metadata



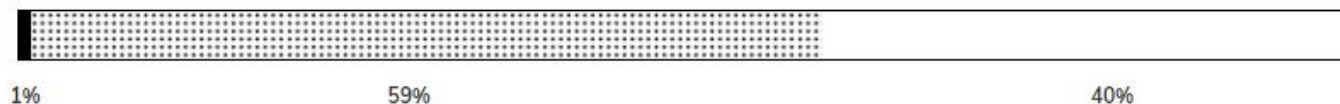


Initiative for Open Abstracts (I4OA)

Initiative for Open Citations (I4OC)

I4OC[About](#)[Goals](#)[Publishers](#)[Stakeholders](#)[Founders](#)[FAQ](#)[News](#)[Press](#)

How many citations are open today?



As of July 2020, the fraction of publications with open references has grown from 1% to 60% out of 51.1 million articles with references deposited with Crossref.

We encourage all other scholarly publishers to follow the example of these trail-blazing publishers by making their reference metadata publicly available. Please contact Crossref Support (support@crossref.org) for more information, or to let them know that you are ready to open up your reference metadata now. See also our list of responses to [frequently asked questions](#).

Initiative for Open Abstracts (I4OA)

I4OA calls on all scholarly publishers to open the abstracts of their published works, and where possible to submit them to Crossref



Importance of open abstracts



Aaron Tay
Library Analytics
Manager



Bianca Kramer
Information/Collection
Specialist



Ludo Waltman
Professor of Quantitative
Science Studies and
Deputy Director



Why openly available abstracts are important — overview of the current state of affairs

June 30, 2020 • Opinion & Commentary • 9 min read

Openness of the metadata of scientific articles is increasingly being discussed. In this blog post, Aaron Tay (SMU Libraries, Singapore Management University), Bianca Kramer (Utrecht University Library), and Ludo Waltman (CWTS, Leiden University) discuss the value of openly available abstracts.

I40A founding organizations



67 publishers supporting I40A

AfricArXiv	Frontiers	protocols.io
American Association for the Advancement of Science (AAAS)	Geological Society of London	Public Library of Science (PLOS)
American Mathematical Society (AMS)	Hindawi	Rockefeller University Press
American Society for Microbiology (ASM)	Institute of Higher Education of the National Academy of Educational Sciences of Ukraine	Royal College of General Practitioners
Beilstein-Institut	Instituto Colombiano de Antropologia e Historia (ICANH)	Royal College of Psychiatrists
Berghahn Books	IntechOpen	RS Global Sp. z O.O.
BMJ	International Union of Crystallography (IUCr)	RTI Press
Brill	IWA Publishing	SAGE
British Academy	John Benjamins Publishing Company	Schloss Dagstuhl - Leibniz Center for Informatics (LZI)
British Institute of Radiology	Karger Publishers	SciPost
California Digital Library (CDL)	Leibniz-Institute for Psychology Information (ZPID)	Society for Promotion of Horticulture
Cambridge University Press (CUP)	Life Science Alliance	The Company of Biologists
Chitkara University Publications	MDPI	The Royal Society
Copernicus Publications	MIT Press	Thieme
Council for British Archaeology (CBA)	National Electronic Information Consortium (NEICON)	Thomas Telford (Institution of Civil Engineers)
CSMFL Publications	Open Book Publishers	Ubiquity Press
EDP Sciences	Open Exploration Publishing	UCL Press
eLife	PeerJ	University Library System, University of Pittsburgh
EMBO Press	Poltekkes Kemenkes Kendari	University of Buckingham Press
Emerald	Portland Press (Biochemical Society)	University of Technology, Sydney (UTS) ePress
EMS Press	Proceedings of the National Academy of Sciences (PNAS)	Vilnius University Press
European Journal of Chemistry		Walter de Gruyter
European Respiratory Society (ERS)		
F1000		

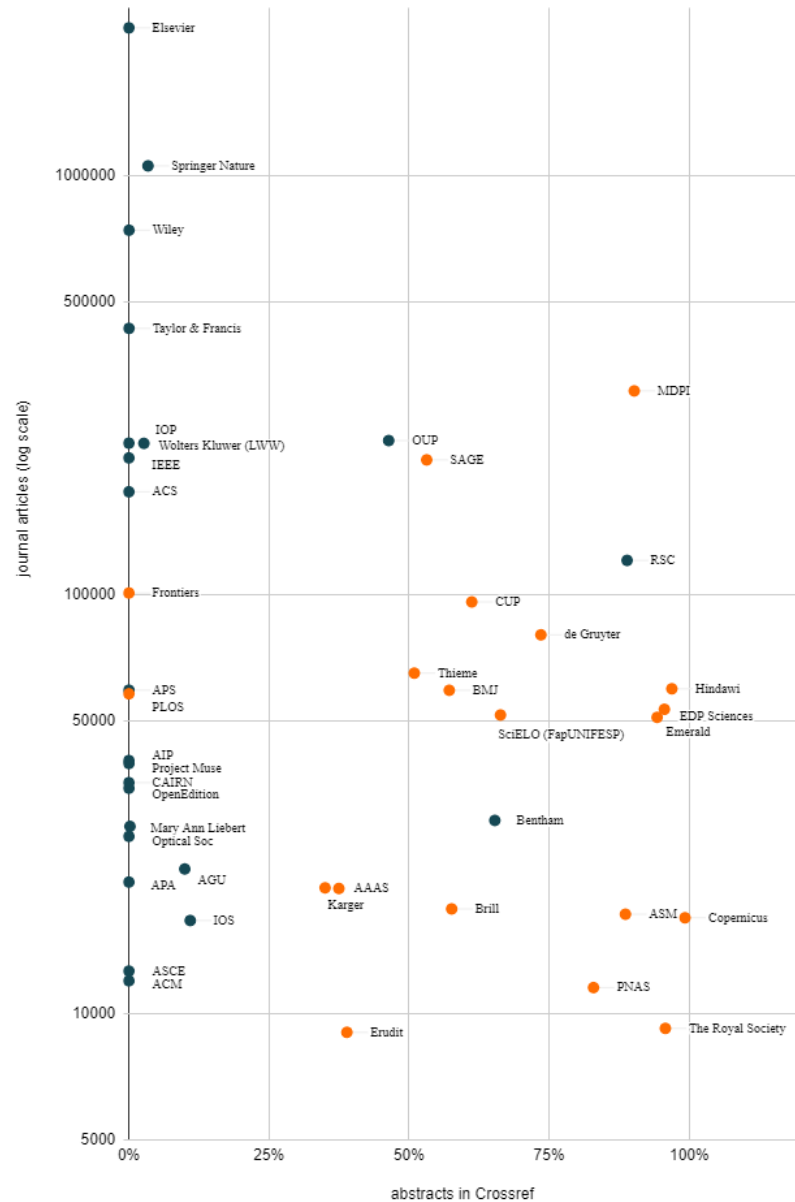
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Emerald Publishing joins the Initiative for Open Abstracts to promote the discovery of research

24th November 2020

Emerald Publishing has joined the Initiative for Open Abstracts (I4OA), a cross-publisher initiative whereby scholarly publishers open the abstracts of their publications to allow for unrestricted availability of abstracts to boost the discovery of research. I4OA is also supported by a large number of research funders, libraries and library associations, infrastructure providers, and open science organisations.

selected publishers - abstracts in Crossref
journal articles (2018-2020) per 2020-11-02



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Home > Blog > Open Abstracts: Where are we?

6 minute read.

Open Abstracts: Where are we?



Ludo Waltman, Bianca Kramer, Ginny Hendricks, Bryan Vickery – 2020 September 25
In [Metadata](#), [Content Registration](#), [Collaboration](#), [Community](#)

The [Initiative for Open Abstracts \(I4OA\)](#) launched this week. The initiative calls on scholarly publishers to make the abstracts of their publications openly available. More specifically, publishers that work with Crossref to register DOIs for their publications are requested to include abstracts in the metadata they deposit in Crossref. These abstracts will then be made openly available by Crossref. 39 publishers have already agreed to join I4OA and to open their abstracts.

Where are we at the moment in terms of openness of abstracts? For an individual publisher working with Crossref, the percentage of the publisher's content for which an abstract is available in Crossref can be found in Crossref's [Participation Reports](#). The chart presented below gives the overall picture (as of September 1, 2020) for medium-sized and large publishers working with Crossref. The vertical axis shows the number of journal articles of a publisher in the period 2018-2020. Because of the large differences between publishers in the number of articles they publish, this axis has a logarithmic scale. The horizontal axis shows the percentage of the articles of a publisher for which an abstract is available in Crossref. The orange dots represent publishers that have agreed to join I4OA. The publishers colored in blue have not yet agreed to join the initiative.

63 stakeholders supporting I4OA



Supporting I40A

Please contact I40A if you want to support the initiative

Website: <https://i4oa.org>
Email: openabstracts@gmail.com
Twitter: [@open_abstracts](https://twitter.com/open_abstracts)





Open metadata and open access

Dutch research institutions and Elsevier initiate world's first national Open Science partnership

Tuesday 19 May 2020

VSNU, NFU, NWO and Elsevier have agreed publishing, reading and open science services to support Dutch research and innovation ambitions

The Association of Universities in the Netherlands (VSNU), The Netherlands Federation of University Medical Centres (NFU), The Dutch Research Council (NWO) and Elsevier, a global leader in research publishing and information analytics, have formed a novel partnership that includes publishing and reading services as well as the joint development of new open science services for disseminating and evaluating knowledge. The partnership runs until 31 December 2024.

In December 2019, the research institutions and Elsevier signed a framework agreement. During the past four months, both parties carefully developed this into a unique agreement. In parallel the Dutch Research Institutions established an **independent expert Taskforce** on responsible management of research information and data to determine the conditions and rules under which metadata of public research output can be (re)used and enriched by all public and private organizations. Following the advice of the Taskforce, a set of collaboration principles was agreed, including data ownership (researchers and/or institutions own their own research data), enduring access to data and metadata, vendor neutrality, interoperability, and institutional discretion on the use of the services.

This has led to the agreement that VSNU, NFU, NWO and Elsevier are pleased to announce today, and which comprises:

1. **Open Access Publishing and Reading services.** This is a national deal that covers reading rights to quality, peer-reviewed content across Elsevier's extensive portfolio of journals and supports the aim of 100% open access publishing for all members of the consortium. From today, 95% of Dutch articles published in Elsevier journals can be made immediately open access through this agreement. The vast majority of Elsevier's journals already offer an immediate open access option and, as part of this agreement, the company has committed to work towards immediate open access options across all remaining titles.
2. **Open Science Services for Research Intelligence and Scholarly communication.** Elsevier will work with the Dutch partners to co-develop new services that help disseminate and evaluate knowledge. The parties will undertake a number of pilot projects to refine and adapt these services to meet the needs of the Dutch Research Institutions and to support the broader ambition of public engagement with science. These pilots will be conducted according to the collaboration principles as mentioned above.

- Most Dutch Elsevier publications will be open access
- However, metadata of these publications, in particular reference lists and abstracts, won't be open!
- How do we create transparent, pluralistic, and democratic indicators without open metadata?



Leiden Madtrics

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Ludo Waltman
Professor of Quantitative
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**Open
Access**



**Findable
Accessible
Interoperable
Reusable**

Publications should be FAIR

📅 October 26, 2020 · ⌚ 3 min read

Scholarly data sets are increasingly expected to be FAIR (findable, accessible, interoperable, and reusable). To fully realize the benefits of open access to the scholarly literature, Ludo Waltman argues that publications should be FAIR as well.

FAIRness of publications

Findability

Making text and metadata of publications available in an open infrastructure to make publications easier to find

Accessibility

Making publications freely accessible

Interoperability

Enriching text and metadata of publications with persistent identifiers to enhance interoperability

Reusability

Allowing publications to be reused



How can we all make a contribution?

How can we all make a contribution?

1. Support open metadata initiatives such as I4OC and I4OA
2. Support the development of an Open Knowledge Base in the Netherlands
3. Promote FAIRness of publications, not just open accessibility
4. Make agreements with publishers conditional on FAIRness of publications
5. Provide financial support to open science infrastructures selected by SCOSS (<https://scoss.org/>)



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