

BARCELONA DECLARATION ON OPEN RESEARCH INFORMATION

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2 April 2024



Open research information

Open research information must be the new norm

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DECLARATION ON
OPEN RESEARCH
INFORMATION

Research information must be open

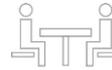
Closed research information

We are assessing researchers and institutions based on **non-transparent evidence**...

We are making decisions based on information that is **biased against less privileged languages, geographical regions, and research agendas**...

We are monitoring and incentivizing open science using **closed data**...

— but —>



fair assessment requires full transparency

— but —>



equitable decision-making requires inclusive data

— but —>



open science requires open research information

Open research information

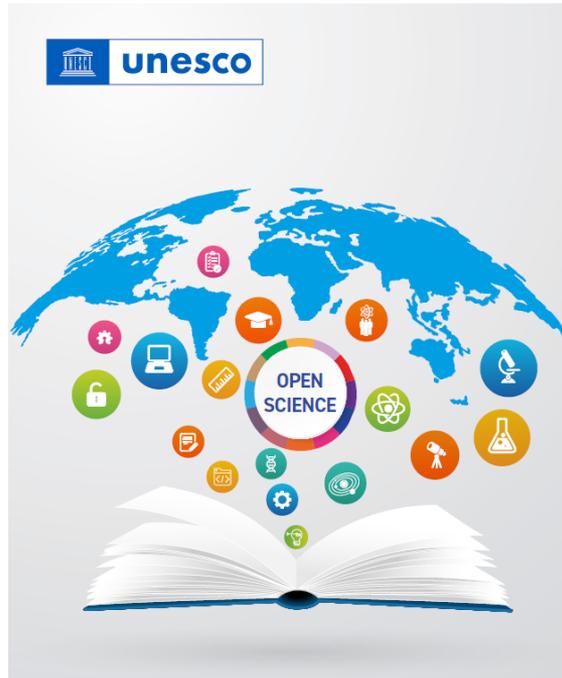


Coalition for Advancing Research Assessment



Ensure independence and transparency of the data, infrastructure and criteria necessary for research assessment and for determining research impacts; in particular by clear and transparent data collection, algorithms and indicators, by ensuring control and ownership by the research community over critical infrastructures and tools, and by allowing those assessed to have access to the data, analyses and criteria used.

UNESCO Recommendation on Open Science



**UNESCO Recommendation
on Open Science**

“The monitoring of open science should be explicitly kept under public oversight, including the scientific community, and whenever possible supported by open non-proprietary and transparent infrastructures”

CWTS, Leiden University

Leiden Madtrics

HOME CONTRIBUTORS ABOUT 🔍

Header image: Jonas Jacobsson

Toward open research information - Introducing the Information & Openness focal area at CWTS

📅 January 18, 2024 • 📁 CWTS development • ⌚ 5 min read

The Information & Openness focal area at CWTS studies and promotes openness of research information. In this blog post, we present our agenda for the coming five years.

“Within the next few years, we want our work at CWTS ... to be fully based on open research information. In particular, our aim is that future scientometric analyses performed by our center will use only data from open sources”



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CWTS Leiden Ranking Open Edition

First ever fully open bibliometric ranking
of universities

CWTS Leiden Ranking Open Edition



Introducing the Leiden Ranking Open Edition

📅 January 30, 2024 • 📄 CWTS development • ⌚ 8 min read

This post introduces the Open Edition of the CWTS Leiden Ranking, published today by CWTS in collaboration with the Curtin Open Knowledge Initiative, Sesame Open Science, and OurResearch. The Leiden Ranking Open Edition is the first fully transparent university ranking.



OpenAlex

CWTS Leiden Ranking Open Edition

Leiden Madtrics

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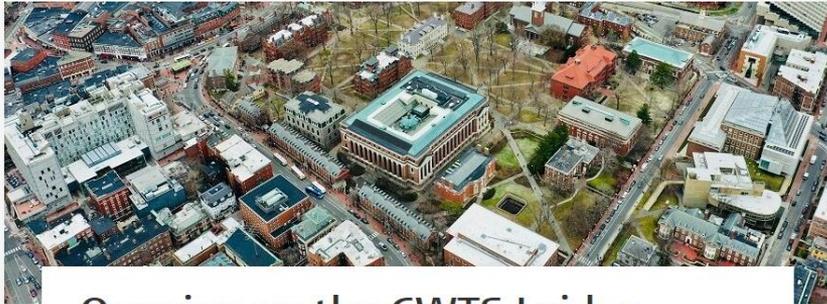
Nees Jan van Eck
Senior Researcher and
Head of Data Science



Martijn Visser
Researcher



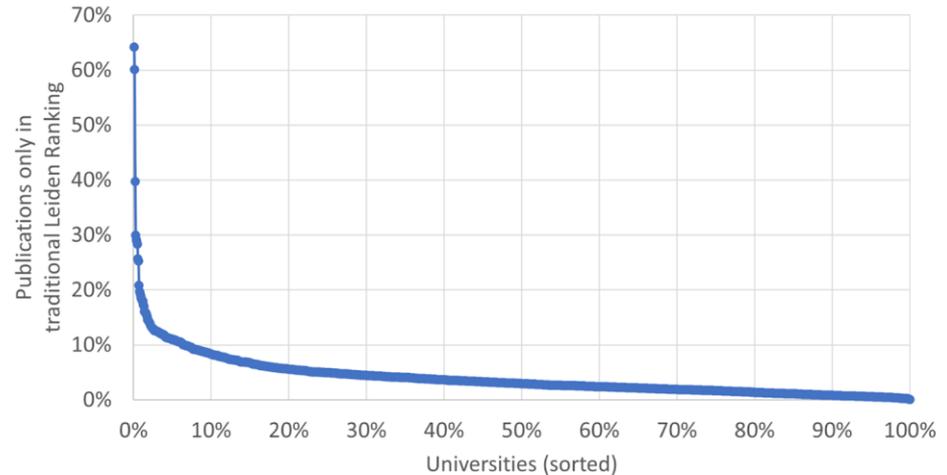
Ludo Waltman
Professor of Quantitative
Science Studies



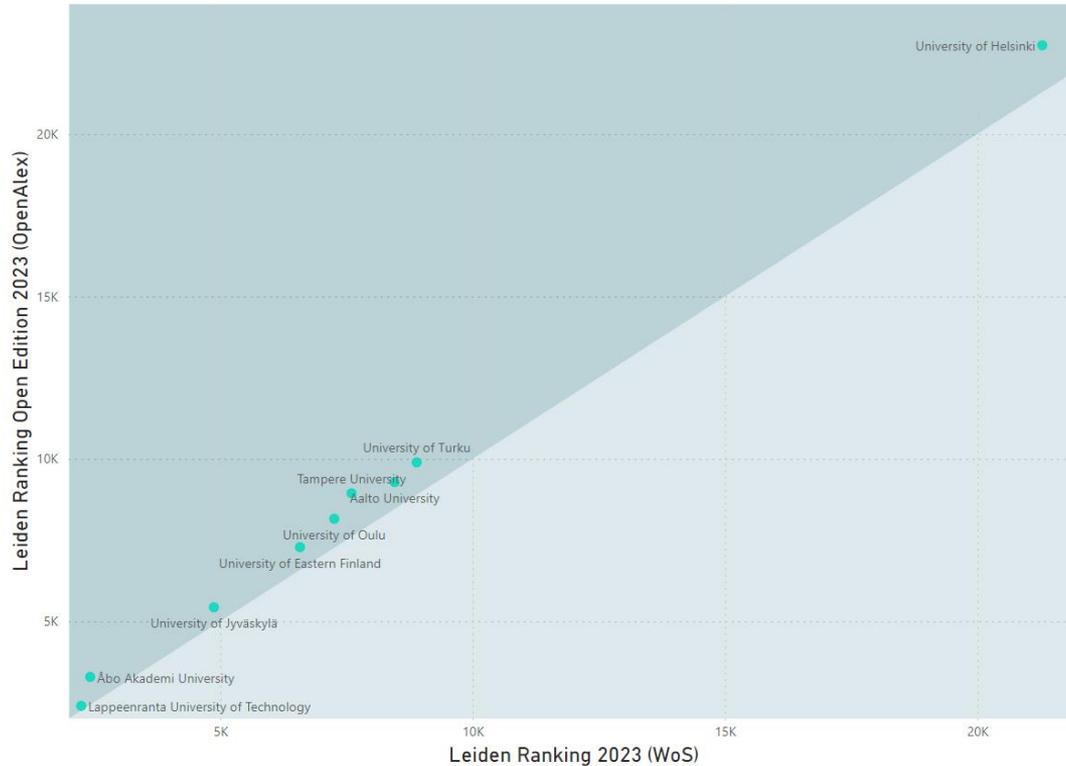
Opening up the CWTS Leiden Ranking: Toward a decentralized and open model for data curation

January 30, 2024 • CWTS development • 11 min read

Today, CWTS released the Open Edition of the Leiden Ranking. This blog post discusses the data curation approach taken in this fully transparent edition of the Leiden Ranking.



CWTS Leiden Ranking Open Edition

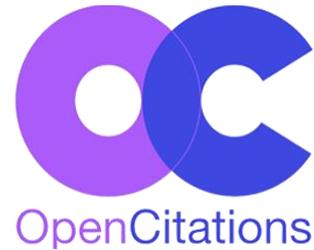
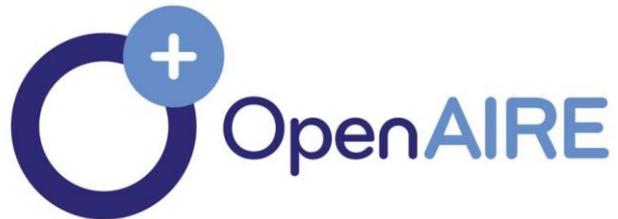




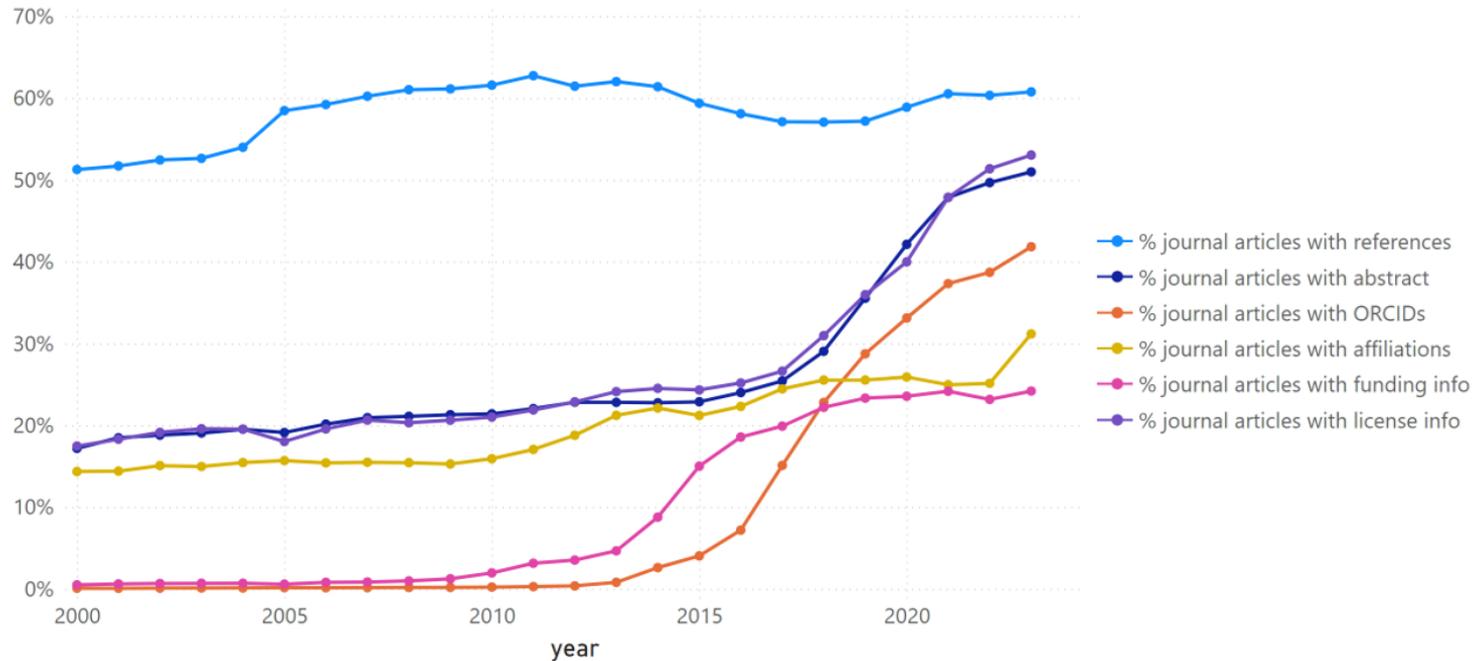
Open scientometric data sources

Open scientometric data sources are rapidly getting more mature

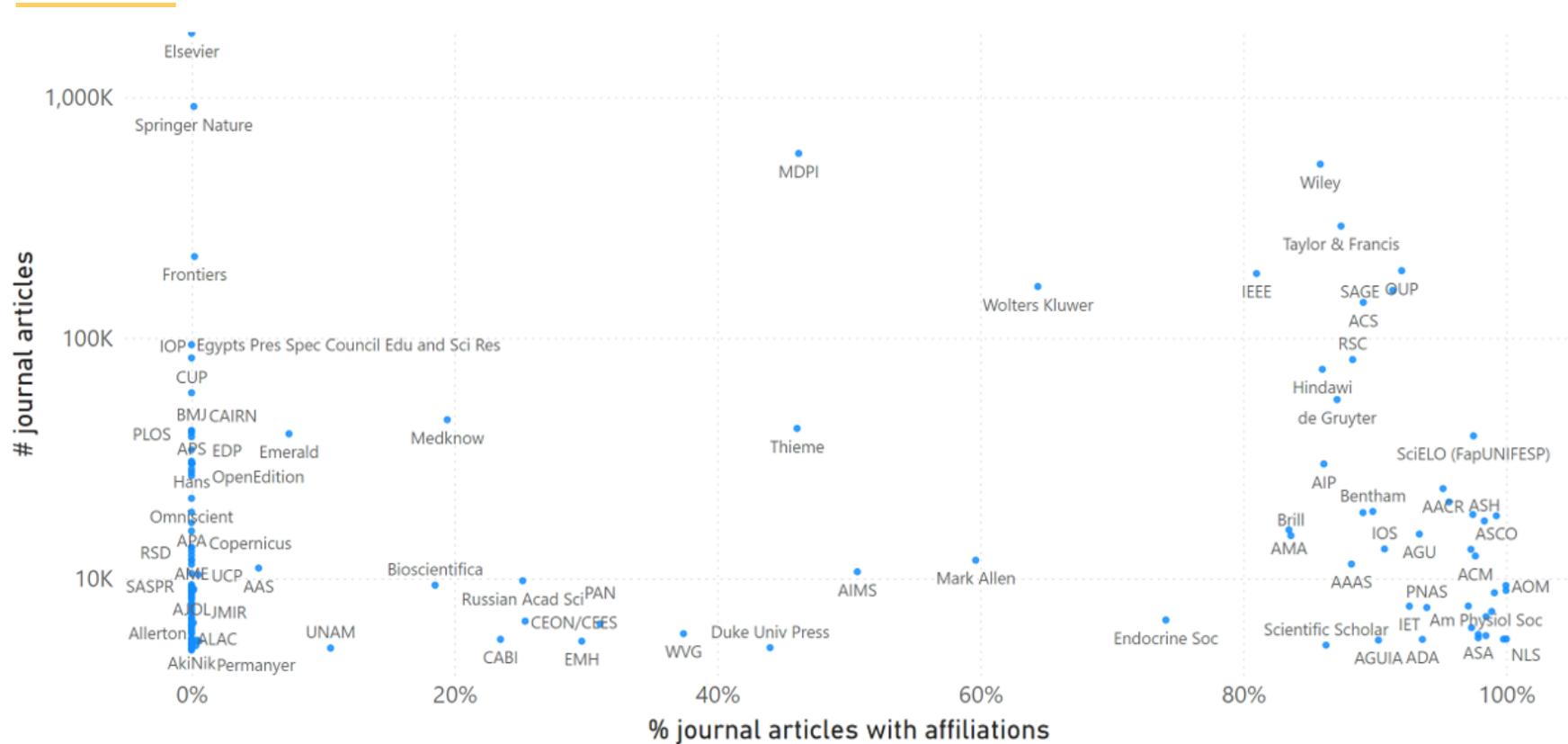
Open scientometric data sources



Open scientometric data sources - Crossref



Open scientometric data sources - Crossref



Open metadata in publisher agreements



Taylor & Francis
an **informa** business

Supply of Article Metadata upon publication

- (a) The Publisher shall use reasonable endeavours to, within 10 Working **Days** of publication of each Green or Gold Route Articles:
- (i) register the article's DOI with CrossRef, and inform all co-authors;
 - (ii) where available populate co-authors' institutional affiliation fields on CrossRef <http://www.crossref.org/>;
 - (iii) where available populate funding metadata, including the funding body grant number in accordance with the Open Funder Registry taxonomy (<http://www.crossref.org/fundingdata>) in FundRef <http://ftp.crossref.org/fundref/index.html> and provide same information via its APIs;

This should become the default
for all publisher agreements!

Open scientometric data sources - OpenAlex

OurResearch receives \$7.5M grant from Arcadia to establish OpenAlex, a milestone development for Open Science

- ☰ OurResearch is proud to announce a \$7.5M grant from [Arcadia](#), to establish a sustainable and completely open index of the world's research ecosystem. With this 5-year grant, OurResearch expands their open science ambitions to replace paywalled knowledge graphs with OpenAlex.

Researchers, funders, and organizations around the world rely on scientific knowledge graphs to find, perform, and manage their research. For decades, only paywalled proprietary systems have provided this information and they have become *unaffordable* (costing libraries \$1B annually); *uninclusive* (systematically excluding works from some fields and geographies); and *unavailable* (even paid subscribers are limited in their use of the data).





Barcelona Declaration

A community initiative to promote open research information

Barcelona Declaration

- The Barcelona Declaration on Open Research Information was prepared by a group of **over 25 research information experts**, representing organizations that carry out, fund, and evaluate research, as well as open infrastructure organizations
- To draft the Declaration, the group met in Barcelona in November 2023
- Over 30 organizations worldwide (including **University of Turku**) have already decided to sign the Declaration; lots of conversations are ongoing
- Declaration will be published on **April 16, 2024**

Barcelona Declaration - Commitments

As organizations that carry out, fund, and evaluate research, we commit to the following:



1

We will make openness the default for the research information we use and produce

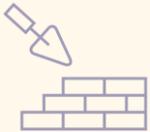


2

We will work with services and systems that support and enable open research information

Barcelona Declaration - Commitments

As organizations that carry out, fund, and evaluate research, we commit to the following:



3

We will support the sustainability of infrastructures for open research information



4

We will support collective action to accelerate the transition to openness of research information



Support for open research information

Organizations supporting open research information

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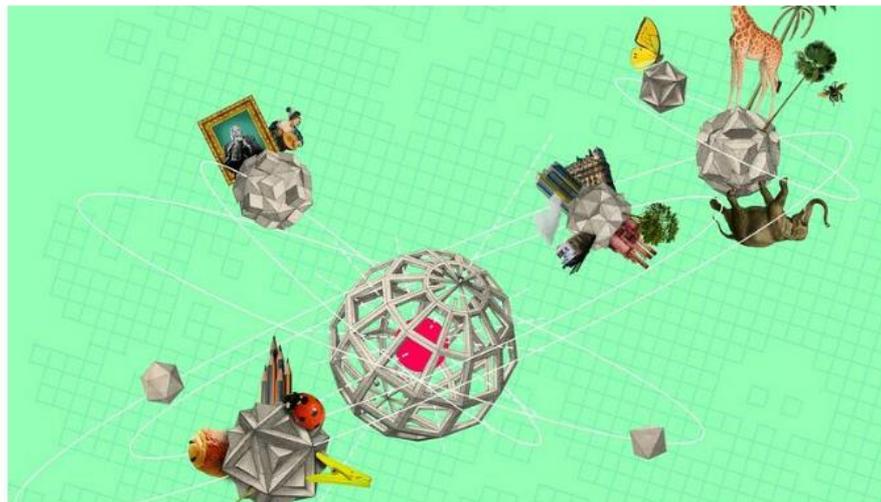
Support for open research information

Open Science

Sorbonne University unsubscribes from the Web of Science

Sorbonne University has been deeply committed to the promotion and the development of open science for many years. According to its commitment to open research information, it has decided to discontinue its subscription to the Web of Science publication database and Clarivate bibliometric tools in 2024. By resolutely abandoning the use of proprietary bibliometric products, it is opening the way for open, free and participative tools.

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Support for open research information

The CNRS has unsubscribed from the Scopus publications database

January 11, 2024

RESEARCH

The CNRS committed to open science several years ago and of course this includes publication databases for which sustainable open solutions need to be found. The organisation has taken an important step forward as regards this commitment with our decision to unsubscribe from Elsevier's Scopus bibliographic database on December 31st 2023. In fact the CNRS will stop using commercial bibliographic databases altogether as soon as open solutions are sufficiently mature. In the meantime the institution is continuing to subscribe to Clarivate Analytics' Web of Science.

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MINISTÈRE
DE L'ENSEIGNEMENT
SUPÉRIEUR
ET DE LA RECHERCHE

*Liberté
Égalité
Fraternité*

**French Ministry of Higher
Education and Research
partners with OpenAlex to
develop a fully open
bibliographic tool**

Support for open research information

Coimbra Group joins the conversation on Open Science

14 February 2024

2. Today, we take another step and announce our **strong support for the movement towards open research information** – defined as information relating to the conduct and communication of research, currently unfolding in the higher education sector. That includes **more open and transparent University rankings**.



Next steps

Next steps toward open research information

Next steps

Set up a **Coalition for Open Research Information**

Share experience and expertise to facilitate implementation of the commitments

Join forces to strengthen our position toward publishers and other service providers

Work with open infrastructures to improve their data quality and governance

Thank you for your attention!

To sign the Barcelona Declaration, send an email to
contact@barcelona-declaration.org