What is Crossref?

22,300 organisational members from **160** countries
- **50%** of members are based in Asia
- **40%** of members are universities or scholar-led

128 Sponsor orgs; **48** Ambassadors

170 million open metadata records with DOIs

1.3 billion resolutions per month (**94%** of all DOI usage)

2 billion queries of our metadata every month by **0000s** (?) systems ingesting and reusing this open metadata

25 Crossref
CELEBRATING 25 YEARS

Research Nexus Vision

Like others… we envision

"a rich and reusable open network of relationships connecting research organizations, people, things, and actions; a scholarly record that the global community can build on forever, for the benefit of society."

Metadata is the thread that is woven to produce such a network

25 Crossref CELEBRATING 25 YEARS

Calls for more open research information

International Science Council
About | Our work | Members | News and publications

⌂ Home / Blogs / Fighting disinformation with sunshine: promoting...

Fighting disinformation with sunshine: promoting funding transparency in science

In this blog, Craig Callender examines the detrimental role that industry-science partnerships can play in spreading disinformation, particularly by funding research that aligns with industry interests while undermining public health and policy. He advocates for increased transparency in academic funding as a means to combat this disinformation.

BARCELONA DECLARATION ON OPEN RESEARCH INFORMATION

COMMITMENTS

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

- Openness will be the norm for the research information we use, for instance to assess researchers and institutions, to support strategic decision making, and to find relevant research outputs.
- Openness will be the norm for the research information we produce, for instance information about our activities and outputs, with an exception for information for which enness would be inappropriate ('as open as possible, as closed as necessary').

Screenshot

https://council.science/blog/fighting-disinformation-with-sunshine-promoting-funding-transparency-in-science/

https://barcelona-declaration.org/commitments/

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Metadata in Crossref

- **Basic:** titles, dates, author names, abstracts, DOI, location URL
- **Full-text URLs:** e.g. for text-mining and Similarity Check
- **Crossmark:** updates, retractions, corrections
- **Relationships:** versions, translations, data, references, citation
- **Provenance:** publisher/funder/steward information
- **Subject-specific:** e.g. clinical trial info
- **Funding information:** ROR/Funder Registry ID, award no/Grant DOIs
- **Contributor & Affiliations:** ORCID iDs and ROR IDs preferred

Metadata in Crossref - continued

- **Abstracts**
- **Relationships: software, peer reviews**
- **Licence information**
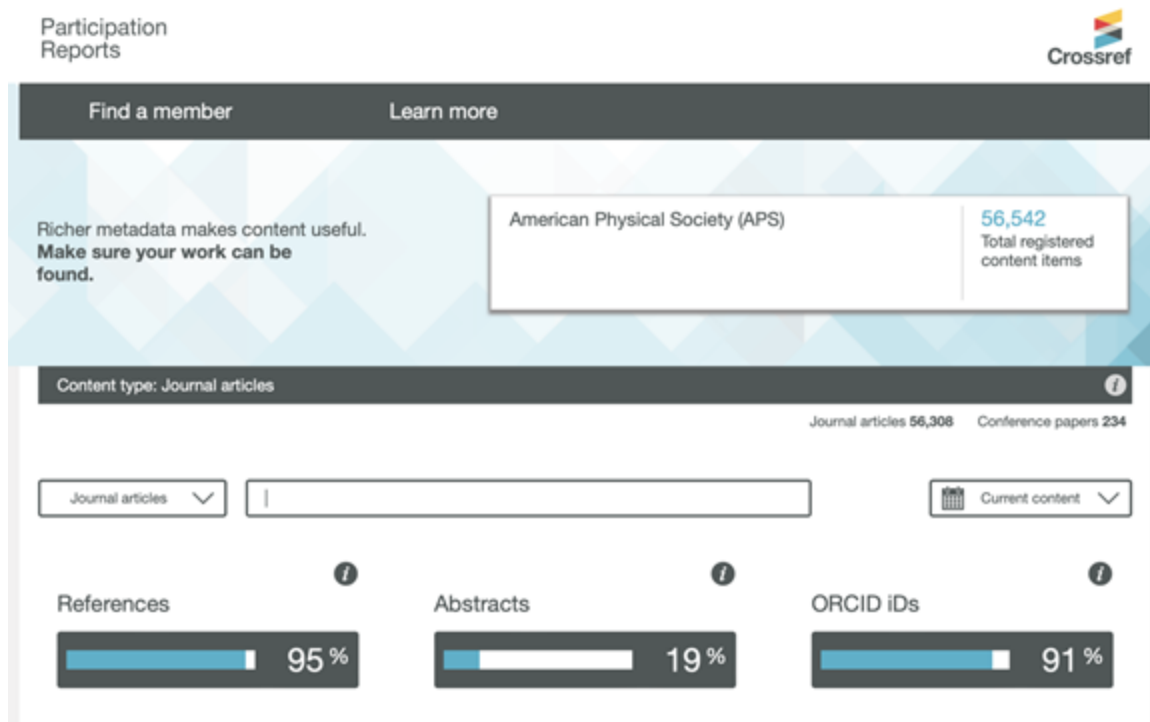- **Dates of publication and acceptance**

Coming soon:

- **Contributor roles**
- **Data availability statements**
- **Submission dates**

Finding a balance

Improving metadata

How is Crossref metadata used?

Manuscript tracking

Scholarly sharing networks

Hosting content

Specialist databases

Bibliographic management

Measure, report & apply metrics

Verify & validate records

Search & discover

Fill metadata gaps

Author profiling

Library discovery

Aggregate & integrate content

Collect related research objects

Annotation

Match & link citations

Collaborative authoring and reading

Metrics and analytics

Recommendations

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CELEBRATING 25 YEARS

How you can use our metadata?

- **Metadata search**
- **Crossref API**
- **Public data files**

Search the metadata
of journal articles, books, standards,
datasets & more

🔍 Title, author, DOI, ORCID iD, etc.

Search help

Any questions?

Thank You

kora@crossref.org
@qornik.bsky.social