Who is using your content?

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Member & Community Outreach
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Session Overview

- Cited-by Linking
- Crossref Event Data
- Distributed Usage Logging

Cited-by Linking

What do publishers need to do?

- Link references using the DOI

References

1. **Involvement of mitochondrial dynamics in the segregation of mitochondrial matrix proteins during stationary phase mitophagy**
   H Abeliovich, M Zarei, KTG Rigbolt, RJ Youle, J Dengjel
   Nature Communications, 4, 2013
   http://dx.doi.org/10.1038/ncomms3789

2. **A suite of Gateway cloning vectors for high-throughput genetic *analysis in Saccharomyces* cerevisiae**
   S Alberti, AD Gitler, S Lindquist
   Yeast, 24, 913-919, 2007
   http://dx.doi.org/10.1002/yea.1502

3. **Proteolytic control of mitochondrial function and morphogenesis**
   R Anand, T Langer, MJ Baker
   Biochimica Et Biophysica Acta (BBA) - Molecular Cell Research, 1833, 195-204, 2013
   http://dx.doi.org/10.1016/j.bbamcr.2012.06.025

4. **Designer deletion strains derived from Saccharomyces cerevisiae S288C: a useful set of strains and plasmids for PCR-mediated gene disruption and other applications**
   C Baker Brachmann, A Davies, GJ Cost, E Caputo, J Li, P Hieter, JD Boeke
   Yeast, 14, 115-132, 1998
   http://dx.doi.org/10.1002/(SICI)1097-0061(19980130)14:2<115::AID-YEA204>3.0.CO;2-2

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- Add richer metadata, funding, Orcid, retractions, etc.

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- Add CrossMark to display these metadata

How to deposit references

- As part of a metadata deposit
- As a separate resource-only deposit
- Schema available for deposit of reference lists for articles that already have DOI
- Simple Text Query Deposit
  - Using the simple text query form

Cited-by Linking

- Publishers, editors, authors:
  - Who is citing your content?

- Readers:
  - What articles have cited the content that you are reading?

Cited-by Linking

- Free member services
- Dynamically generated list of forward links
  - Who is citing your content?
- More than 400 participants

Biofouling: The Journal of Bioadhesion and Biofilm Research

Volume 28, Issue 7, 2012

Original Articles

The impact and control of biofouling in marine aquaculture: a review

DOI: 10.1080/08927014.2012.700478

Isla Fitridge[a*], Tim Dempster[ab], Jana Guenther[b] & Rocky de Nys[c]

pages 649-669

Publishing models and article dates explained

Received: 3 Apr 2012
Accepted: 1 Jun 2012
Published online: 09 Jul 2012

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Article metrics information

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Article metrics

Views: 5492

Citations
CrossRef (94)
Web of Science (83)
Scopus (86)

Article metrics information

Users also read

CrossRef Cited-by Linking Search Results

This Article:

Timo Engelsdorf and Thorsten Hamann
An update on receptor-like kinase involvement in the maintenance of plant cell wall integrity
Ann. Bot. 2014 114: 1339-1347.

has been cited by the following articles in journals that are participating in CrossRef Cited-by Linking:

Transcriptional analysis of different mulberry cultivars in response toRalstonia solanacearum
Fanwei Dai, Zhenjiang Wang, Guoqing Luo, and Culming Tang
Canadian Journal of Forest Research (2016) 46: 152
Link to Article

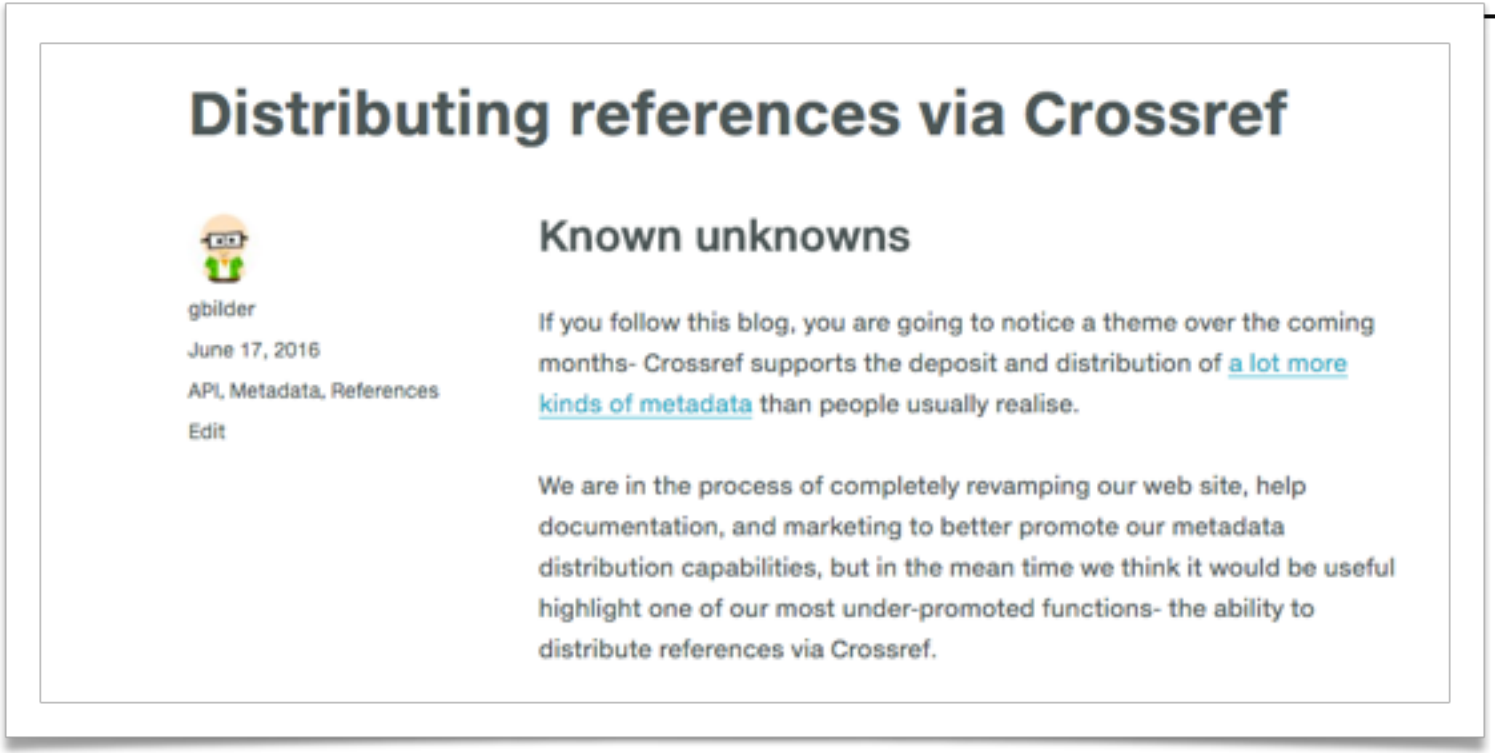
We be jammin': an update on pectin biosynthesis, trafficking and dynamics
Charles T. Anderson
Journal of Experimental Botany (2016) 67: 495
Link to Article

Cell wall-associated kinases and pectin perception
Bruce D. Kohorn
Journal of Experimental Botany (2016) 67: 489
Link to Article

Hierarchies of plant stiffness
Veronique Bruld, Ahmad Rafsanjani, Damiano Pasini, and Tamara L. Western
Plant Science (2016) 250: 79
Link to Article

The right motifs for plant cell adhesion: what makes an adhesive site?
Markus Langhans, Wadim Weber, Laura Babel, Miriam Grunewald, and Tobias Meckel
Protoplasma (2016)
Link to Article

You can also make references open!



Distributing references via Crossref

gbilder

June 17, 2016

API, Metadata, References

Edit

Known unknowns

If you follow this blog, you are going to notice a theme over the coming months- Crossref supports the deposit and distribution of a lot more kinds of metadata than people usually realise.

We are in the process of completely revamping our web site, help documentation, and marketing to better promote our metadata distribution capabilities, but in the mean time we think it would be useful highlight one of our most under-promoted functions- the ability to distribute references via Crossref.

http://blog.crossref.org/2016/06/distributing-references-via-crossref.html

(coming soon!)

In a nutshell…

In a nutshell…

- open clearinghouse of data on publications activity online
- tracking events such as shares, mentions, discussions, recommendations, usage, etc.
- for publishers, funders, institutions, media outlets, technology providers, etc. to enable research monitoring, discovery, and information management

Initial DET Sources

BLOGS & REFERENCE WORKS	SOCIAL BOOKMARKS	SOCIAL SHARES & DISCUSSIONS	LINKS TO RESEARCH ENTITIES
Research Blogging	CiteULike	Facebook	ORCiD
ScienceSeeker	Mendeley	Reddit	DataCite
Wordpress.com		Twitter	Europe PMC Database Citations
Wikipedia			

Clearinghouse as infrastructure

A central point for collecting and propagating data to the community, benefits of scale and ease of access:

- no need to manage multiple online sources where scholarly activity occurs
- no need for individual bilateral agreements between consumer and sources
- comprehensive tracking coverage across publishers

Infrastructure transparency & trust

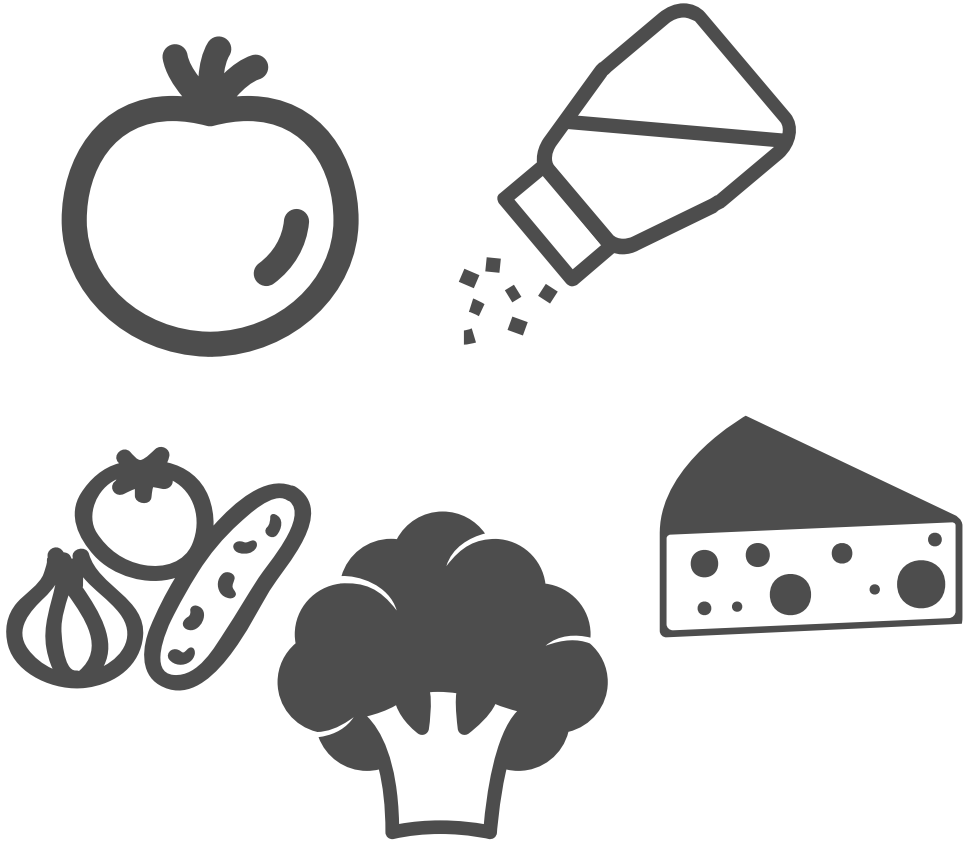
Data is:

- comprehensive - collected for all Crossref DOIs, regardless of publisher
- open - made openly available to all
- comparable - collected in a standard way across aggregators
- auditable & portable
- long term data preservation

Data, not metrics

Ready to use:

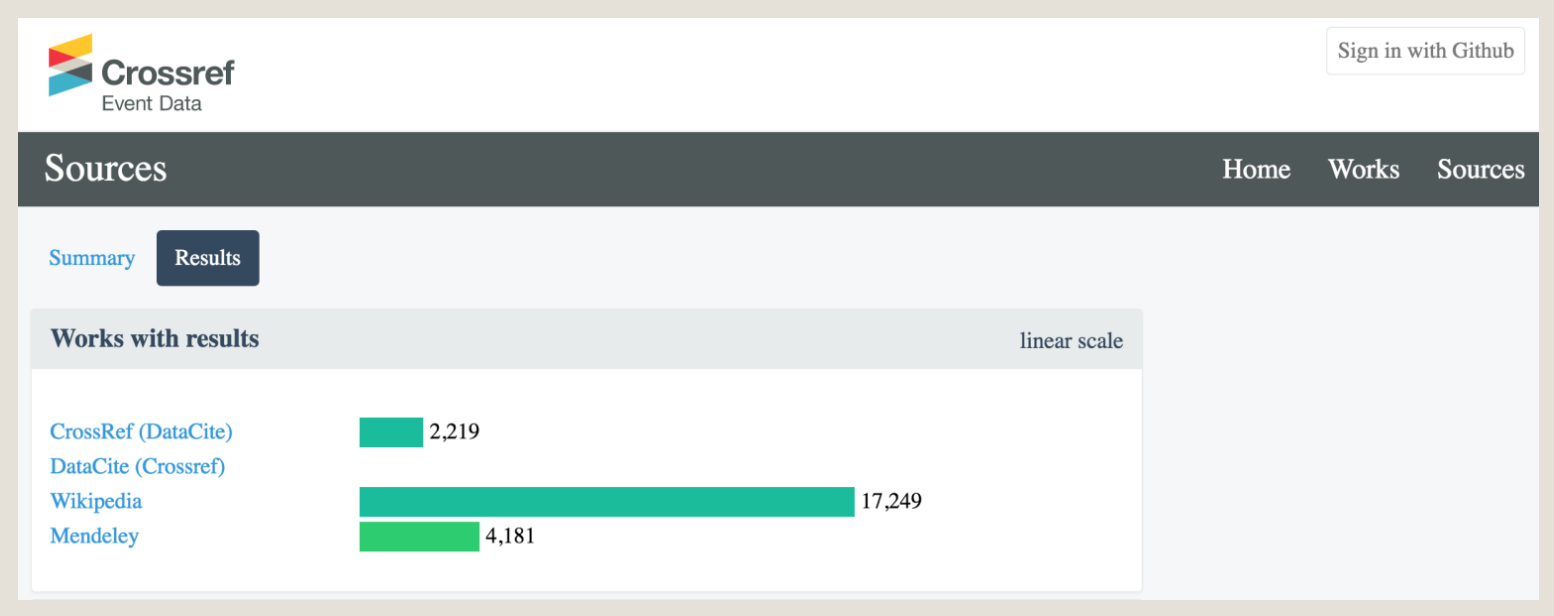
programmatically available for tool development & reuse



Use cases

- Surface qualitative stories about researcher work
- Report on the reach of research within specific communities & public at large
- Identify hot, new areas for journal development
- Inform editor and reviewer recruitment efforts
- Discover relevant research
- Discover new collaborators
- Track funding results
- Report on institutions and consortia outputs…

Have you taken a peek inside yet?



Crossref
Event Data

Works

United States of America Fossil-Fuel CO2 Emissions

Dataset published 2011

DOI http://doi.org/10.3334/CDIAC/00001_V2011

Relations | Results

7 Relations

Assessing the magnitude of CO 2 flux uncertainty in atmospheric CO 2 r products from NASA's Carbon Monitoring Flux Pilot Project

Lesley E. Ott, Steven Pawson, George J. Collatz, et al

Journal Article published January 20, 2015 via Journal of Geophysical Research: Atmospheres

Cites http://doi.org/10.3334/CDIAC/00001_V2011

http://doi.org/10.1002/2014JD022411

Net terrestrial CO 2 exchange over China during 2001-2010 estimated wi assimilation system for atmospheric CO 2

H. F. Zhang, B. Z. Chen, I. T. van der Laan-Luijkx, et al

Journal Article published March 20, 2014 via Journal of Geophysical Research: Atmospheres

Crossref
Event Data

Works

Updated world map of the Köppen-Geiger climate classification

Work published October 11, 2007

DOI http://doi.org/10.5194/HESS-11-1633-2007

Relations | Results

Results

40,373
Wikipedia

4
Mendeley

Keep an eye on our development

We will continue to add new data sources to the early preview interface as they are developed. Be warned though, we may break a few eggs from time to time!

So keep an eye on our information page at http://eventdata.crossref.org/ as well as the Crossref Blog for regular progress updates.

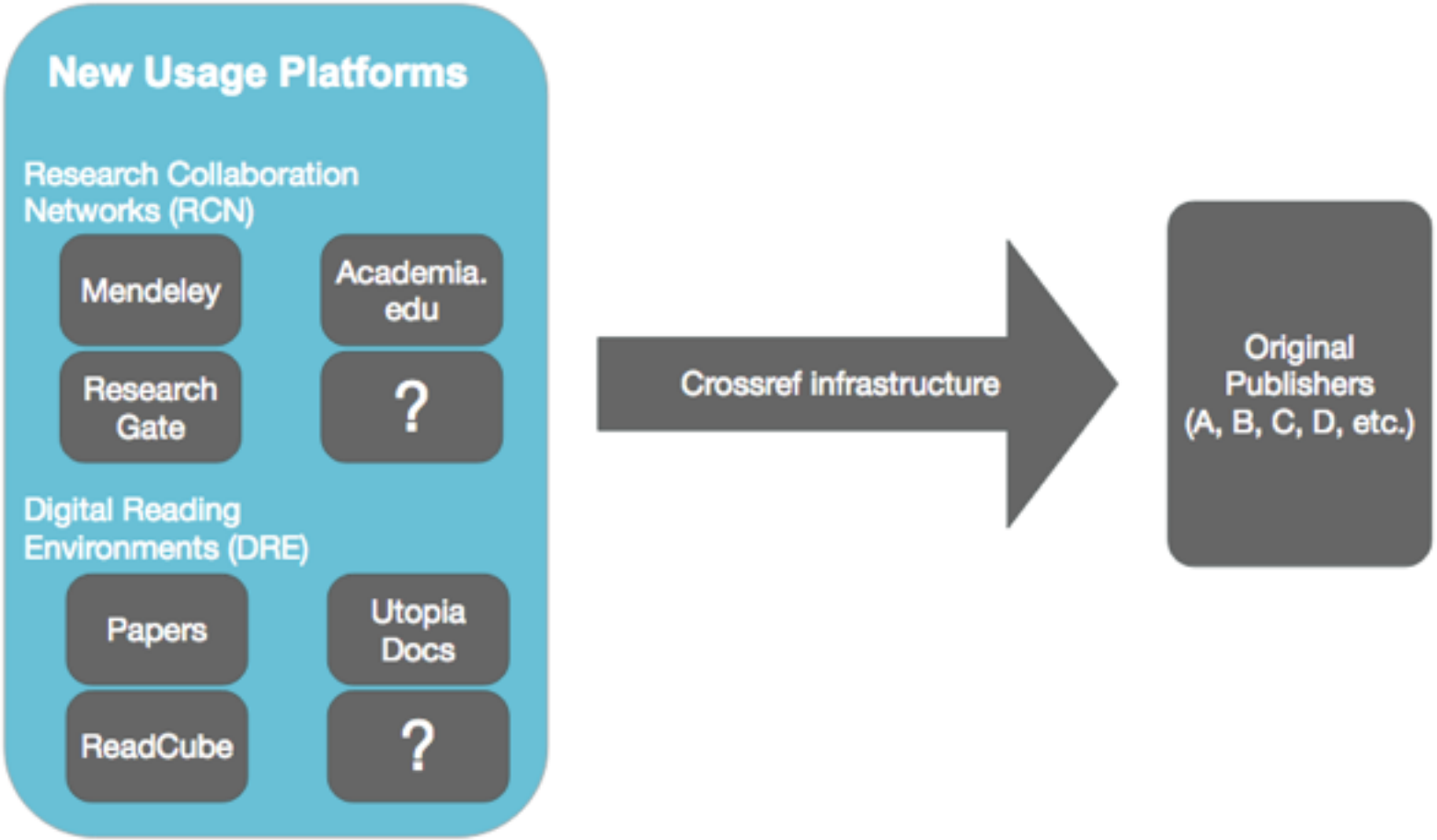
But if you're game, why not jump straight on to http://api.eventdata.crossref.org/ and start your data discovery journey.

Chicken by anbileru adaleru from the The Noun Project

Distributed Usage Logging

Distributed Usage Logging

- Peer-to-peer channel to securely exchange & process private usage records from hosting platforms
- For publishers to capture usage in a distributed sharing environment with data that can be normalised (COUNTER-compliant)
- Blog post at: http://blog.crossref.org/2015/12/private-channel-dul.html


New Usage Platforms
Research Collaboration Networks (RCN)
Mendeley
Academia.edu
Research Gate
?
Digital Reading Environments (DRE)
Papers
Utopia Docs
ReadCube
?
Crossref infrastructure
Original Publishers (A, B, C, D, etc.)

Current Status

- Entails close collaboration between COUNTER, Crossref, publishers and third-party platforms. Working on:

- Technical infrastructure development
- Definition of the usage logging message i.e. does it have the information COUNTER needs?
- Assignment and validation of credentials to participate in the scheme
- Participant integration of the API
- Incorporation of the data type into the COUNTER code of practice

Metadata & PIDs enable connections

Thank you!

Questions?

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Crossref