

Exploring Altmetrics



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Measuring Researchers and Research Work

Some measures can be:

Recognition by peers (Talks)

Books written

Classes taken

Bibliometrics/Scientometrics:

Impact factor

Citation counts

H-Index

CITATIONS

The problem of lag

Web and the Social Media

Around 2010, Jason Priem discussed about alternative metrics. The expression *altmetrics* was used.

Tracks...

Views

Wikipedia

Downloads

Repositories

Tweets

Blogs

Facebook and other social media

Mendeley and other
bookmarking tools

Who's talking about your research?

Thousands of conversations about scholarly content happen online every day. Altmetric tracks a range of sources to capture and collate this activity, helping you to monitor and report on the attention surrounding the work you care about.

[For Publishers](#)[For Institutions](#)[For Researchers](#)[For Funders](#)[For R&D](#)

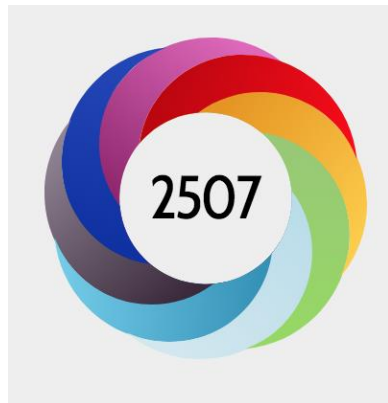
Taylor & Francis



WILEY



Smithsonian



Mentioned by

- 39** news outlets
- 7** blogs
- 1** policy source
- 2405** tweeters
- 43** Facebook pages
- 3** Wikipedia pages
- 15** Google+ users
- 12** Redditors
- 1** Q&A thread
- 25** video uploaders

Citations

- 194** Dimensions

Readers on

- 332** Mendeley

Plum Analytics

Tell the Story. Plum Analytics uses research metrics to help answer the questions and tell the stories about research.

Now, these questions are getting easier to answer. Research metrics that immediately measure awareness and interest give us new ways to uncover and tell the stories of research.

Technologies that encourage communication, sharing and other interaction with research output—leave “footprints” to show the way back to who is interested in the research and why. Technologies that make processing big data possible—make it possible to categorize and analyze all of the metric data from the many interactions.

What customers say...

“PlumX gives us a window on the full range of impact that our research has. No other system tracks as many different metrics as PlumX.”

*Tim Deliyannides,
Director, Scholarly Communication and Publishing
University Library System, University of Pittsburgh*



 PLUMX

Usage

PDF Views: **1052**

HTML Views: **7006**

Captures

Readers: **34**

Mentions

Comments: **11**

Social Media

Tweets: **63**

+1s: **2**

Likes: **20**

Shares: **13**

Citations

CrossRef: **1**

[see details](#)

ImpactStory



Log in

Discover the online impact of your research.

Track buzz on Twitter, blogs, news outlets and more: we're like Google Scholar for your research's online reach. Making a profile takes just seconds:

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nature

Science

THE CHRONICLE
of Higher Education



ACHIEVEMENTS

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Wikitastic ⁹³

Your research is mentioned in 5 Wikipedia articles! Only 6% of researchers are this highly cited in Wikipedia.

👉 Your Wikipedia titles include *Holocene extinction*, *Quaternary extinction event*, *Ingelfinger rule* and 2 more.



Software Reuse ⁹⁹

Your research software keeps on giving. Your software impact is in the top 60 percent of all research software creators on Depsy.



Greatest Hit ⁹⁹

Your most discussed publication has been mentioned online 1.3 thousand times. Only 1% of researchers get this much attention on a publication.

👉 Your greatest hit online is *Best Practices for Scientific Computing*.

MENTIONS

[view all](#)

2480

online mentions

across 11 channels:



PUBLICATIONS

[view all](#)



Best Practices for Scientific Computing

2014 *PLoS Biology* 🔒

1318



The Case for Open Preprints in Biology

2013 *PLoS Biology* 🔒

515



Advancing Macroecology Using Informatics and Entropy Maximization (NSF Grant #0953694)

2012 *figshare* 🔒

80

Source: https://www.lib.uwo.ca/researchmetrics/altmetrics/impactstory_and_depsy.html

A sample Impactstory profile from the Overview tab

 OPEN ACCESS

ESSAY

Why Most Published Research Findings Are False

John P. A. Ioannidis

Published: August 30, 2005 • <https://doi.org/10.1371/journal.pmed.0020124>

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Why Altmetrics?

Immediate measure

Readers get to know about the buzz

Authors get to know about the reaction to their work

Funding agencies get a quick assessment

Publishers measure

Scopus and other databases

Altmetrics issues

Can be manipulated

Use of social media - limited scientists, countries

Buzz can be misleading

Summing up

Non-traditional metric

Article level metric

Goes beyond articles

Open access and Open Science

Offers a richer understanding of how research is used by the broader community

Complements bibliometric/scientometric indicators



THANK YOU

