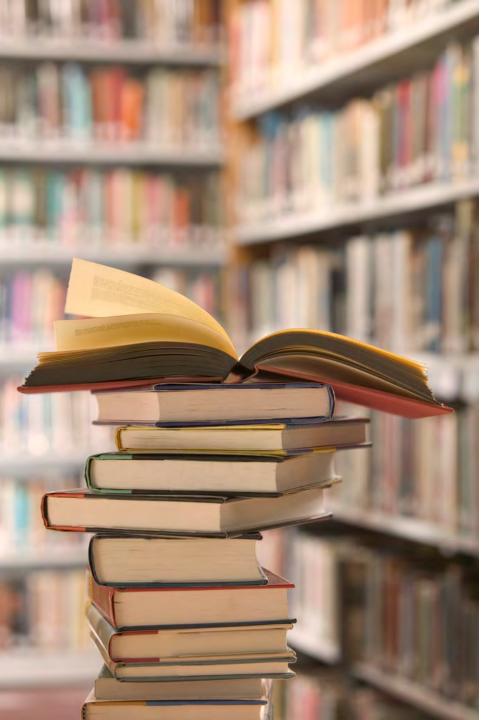
(Alt)Metrics in practice: effective analysis and application of modern research metrics

Catherine Williams CMO, Altmetric

EAHIL 2016, Seville, Spain







- Articles
- Books
- Clinical trials
- Datasets
- Images
- Posters
- Artwork
- Reports
- Grey literature
- Other outputs

5 million research outputs

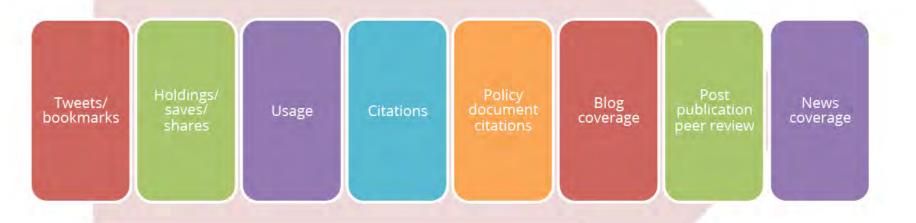
47,000 new mentions a day

Over 75,000 outputs shared online each week



Altmetrics can be ANYTHING that can be tracked digitally

- Article may or may not have been read
- · Many potential readers but few actual
- Cost-light (er)



- · Article more likely to be read
- Cost-heavy (ier)
- Readers = practitioners (?)
- Actionable (?)

Articles



Datasets



Clinical Trials



Altmetrics facilitate monitoring and amplification

- WHERE are audiences going for information?
- What are they saying?
 - Misinformation? Questions?
 Confusion?
- How are they engaging with clinical trials, research publications, datasets?
- How do channels correspond with behavior?
- What research sohould you be sharing where?





ResearchGate



A. H. Bhrawy Beni Suef University

How can I find the list of Impact Factor 2015?

Topics

Journal Impact Factor

ANNUAL REVIEWS RANKINGS IN THOMSON REUTERS JOURNAL CITATION REPORTS®

2015 Release of Journal Citation Reports® (Source: 2014 Web of Science Data)

The 2015 Edition of the Journal Citation Reports® (JCR) published by Thomson Reuters provides a com impact and influence metrics from 2014 data. The report includes more than 11,000 journals in 237 d

from 82 countries. The Impact Factor

the scholarly kitchen



METRICS AND ANALYTICS, OPEN ACCESS

As PLOS ONE Shrinks, 2015 Impact Factor Expected to R

5 more Frontiers Journals re FILED UNDER IMPACT F

impact factors

Posted on June 23, 2015 by Michelle Ponto in Journal News and Rele

Engagement Marcom Advertising Branding Global Home Digital

Channels: Membership Events/Training Career Community Multimedia

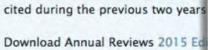
2015 Impact Factor Reports: Great Year for AMA Journals

AMA journals rank among the top publications in marketing, according to the Thomson Reuters 2015 Journal Citation Reports which include impact factors for the year 2014:

Journal of Marketing - Impact factor: 3.9.

nal Citation Reports (JC e more titles: Frontiers rontiers in Molecular Ne

ontiers in Immunology



See our full list of published journa

Ailliagi Review of.	Name
Analytical Chemistry	1
Analytical Chemistry	1
Animal Biosciences	4
Animal Biosciences	28

Annual Review of

Anthropology

Astronomy and









wellcome trust





Government of Canada Gouvernement du Canada

ELSEVIER



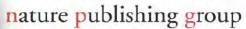






Canadian Institutes of Health Research





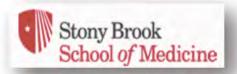








THE NATIONAL ACADEMIES PRESS









Centers for Disease Control and Prevention

Who is doing all this talking?

Government and NGO's

Non-profits

66

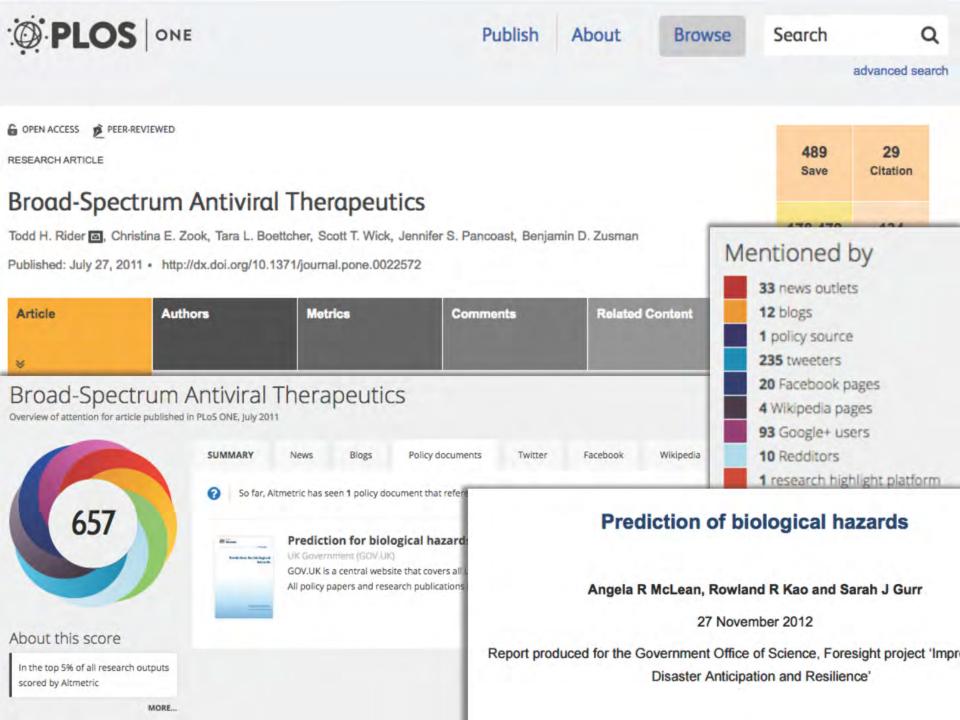
99

Patient and advocacy groups

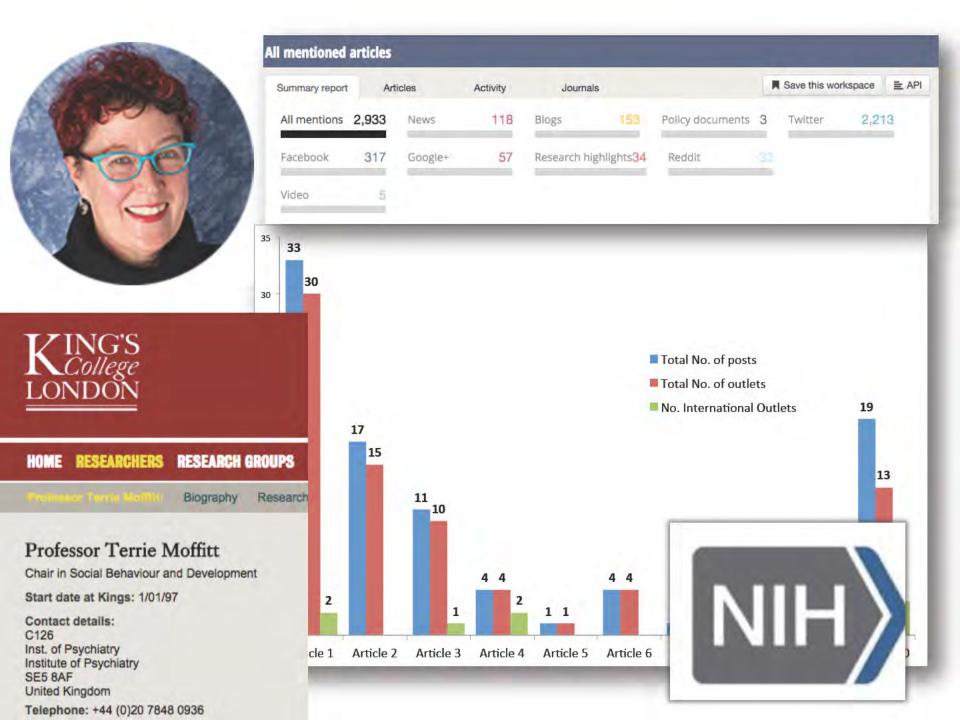
Professional practitioners

Scholars

General public



How are people using altmetrics?



UCSF Profiles

Powered by CTSI

New Features: Learn more)

search, discover, network

Search

About

Use our Data

Help / Contact Us

e.g. Smith or HIV

Sign in to see private stats on your profile page — or add photo, interests, videos, mentoring, etc.

Max Krummel, PhD



Title Professor School UCSF Sch Department Pathology Address 533 Pama San France Phone 415-514-3

Websites

In The News

NIH Awarded Grants

Email Matthew. vCard Download

Websites

- Lab Website
- Profile at pathology.ucsf.edu
- Biological Imaging Development Center
- Profossional Moheita

Publications

Publications listed below are automatically derived from MEDLINE/PubMed and other sources, which might result in incorrect or missing publications. Researchers can login to make corrections and additions, or contact us for help.

List All | Timeline

1. Headley MB, Bins A, Nip A, Roberts EW, Looney MR, Gerard A, Krummel MF. Visualization of immediate immune responses to pioneer metastatic cells in the lung. Nature. 2016 Mar 24; 531(7595):513-7. PMID: 26982733.

View in: PubMed Altmetric 63 Picked up by 3 news outlets Blogged by 1 Tweeted by 57 On 2 Facebook pages 3. B Highlighted by 1 platforms 120 readers on Mendeley

1 reader on CiteULike

on, search strategies and mechanisms. Nat Rev Immunol. : PMC4869523.

Pollack JL, Erle DJ, Barczak A, Rosenblum MD, Daud A, Wolf DM, Krummel MF. Dissecting the tumor myeloid ting cells critical for T cell immunity. Cancer Cell. 2014 MC4254577 [Available on 11/10/15].

See more details | Close this

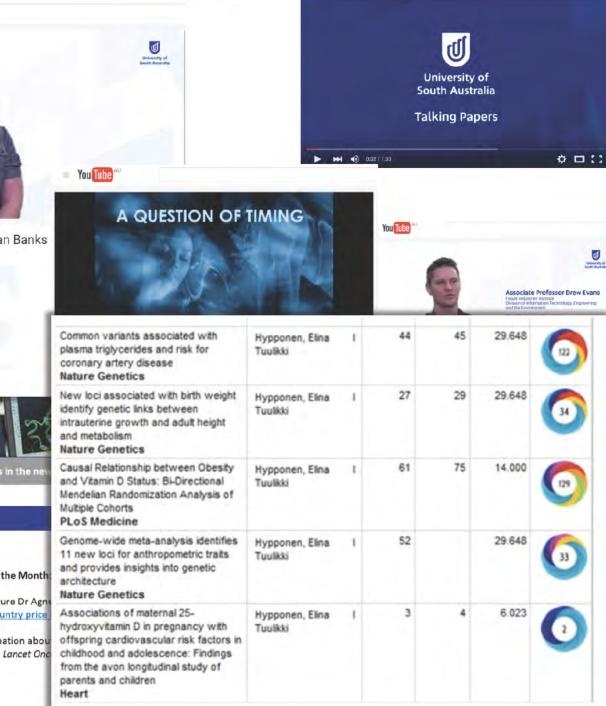
4. Gerard A, Patino-Lopez G, Beemiller P, Nambiar R, Ben-Aissa K, Liu Y, Totah FJ, Tyska MJ, Shaw S, Krummel MF. Gérard A, Patino-Lopez G, Beemiller P, Nambiar R, Ben-Aissa K, Liu Y, Totah FJ, Tyska MJ, Shaw S, Krummel MF. Detection of rare antigen-presenting cells through T cell-intrinsic meandering motility, mediated by Myo1g. Cell. 2014 Jul 31; 158(3):492-505. PMID: 25083865.

View in: PubMed Altmetric 6

5. Krummel MF, Friedman RS, Jacobelli J. Modes and mechanisms of T cell motility: roles for confinement and Myosin-IIA. Curr Opin Cell Biol. 2014 Oct; 30:9-16. PMID: 24905977; PMCID: PMC4178009 [Available on 10/01/15].

View in: PubMed, PubMed Central





March 2016



Sansom Institute

Talking Papers - Professor Nico Voelcker

for Health Research

Funding opportunities For your diary Researchers in the ne

Altmetrics Donut of the Month

Want to find out more about Altmetrics? Click here.



Altmetric Donut of the Month:

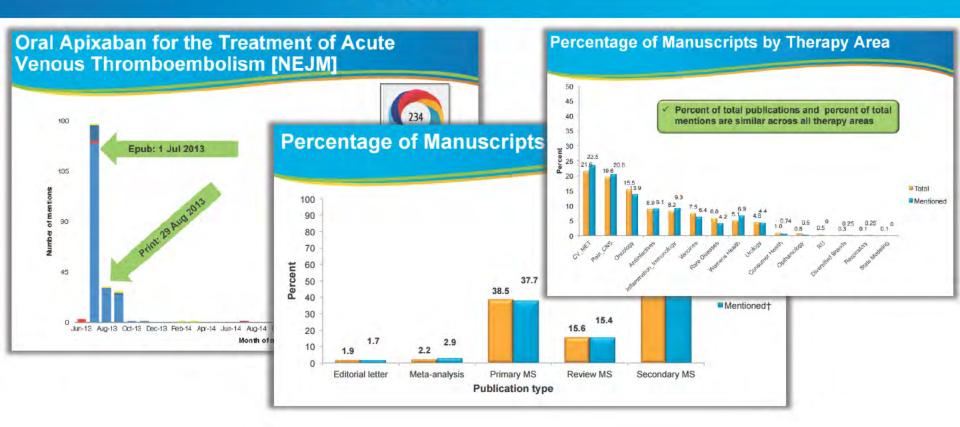
This month we feature Dr Agns Zealand: a cross-country price

To see more information about 2,626 outputs from Lancet Onc



Assessing Industry-sponsored Medical Publications using Alternative Metrics

Catherine Skobe Director, Publications Management Pfizer



Inform strategic decision making

Identification of new areas of research and in-licensing opportunities

External attention to key therapeutic areas

> What are people saying about our science?

Who are the best up and coming talents in a particular area of research?

Discover mentions of research in difficult-tolocate policy documents

Create alerts and reporting across all available clinical trials

Facilitate historical timelines to support competitor benchmarking

Slide concept: Andrew Clark, UCB Pharma

Key take-aways

- Data should be auditable, transparent, consistent
- A complement, not a replacement for traditional metrics, and not just for articles
- Many areas in the research workflow where they can be applied
- A key to understanding your audiences
- Speed of online dissemination and discussion makes them essential
- Librarians play a vital role in championing best practice!

