

الحمد لله الرحمن الرحيم



**UNIVERSITY
OF MALAYA**

The Leader in Research & Innovation

New systems for measuring research impact

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[@aalebrahim](https://twitter.com/aalebrahim)



www.researcherid.com/rid/C-2414-2009
<http://scholar.google.com/citations>



11th May 2016

All of my presentations are available online at:

https://figshare.com/authors/Nader_Ale_Ebrahim/100797

Link to this presentation: <http://dx.doi.org/10.6084/m9.figshare.1580090>

3rd SERIES OF INTRODUCTORY WORKSHOP ON: ***Strategies to Enhance Research Visibility, Impact & Citations***

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University of Malaya, Kuala Lumpur, Malaysia
www.researcherid.com/rid/C-2414-2009
<http://scholar.google.com/citations>

Read more:

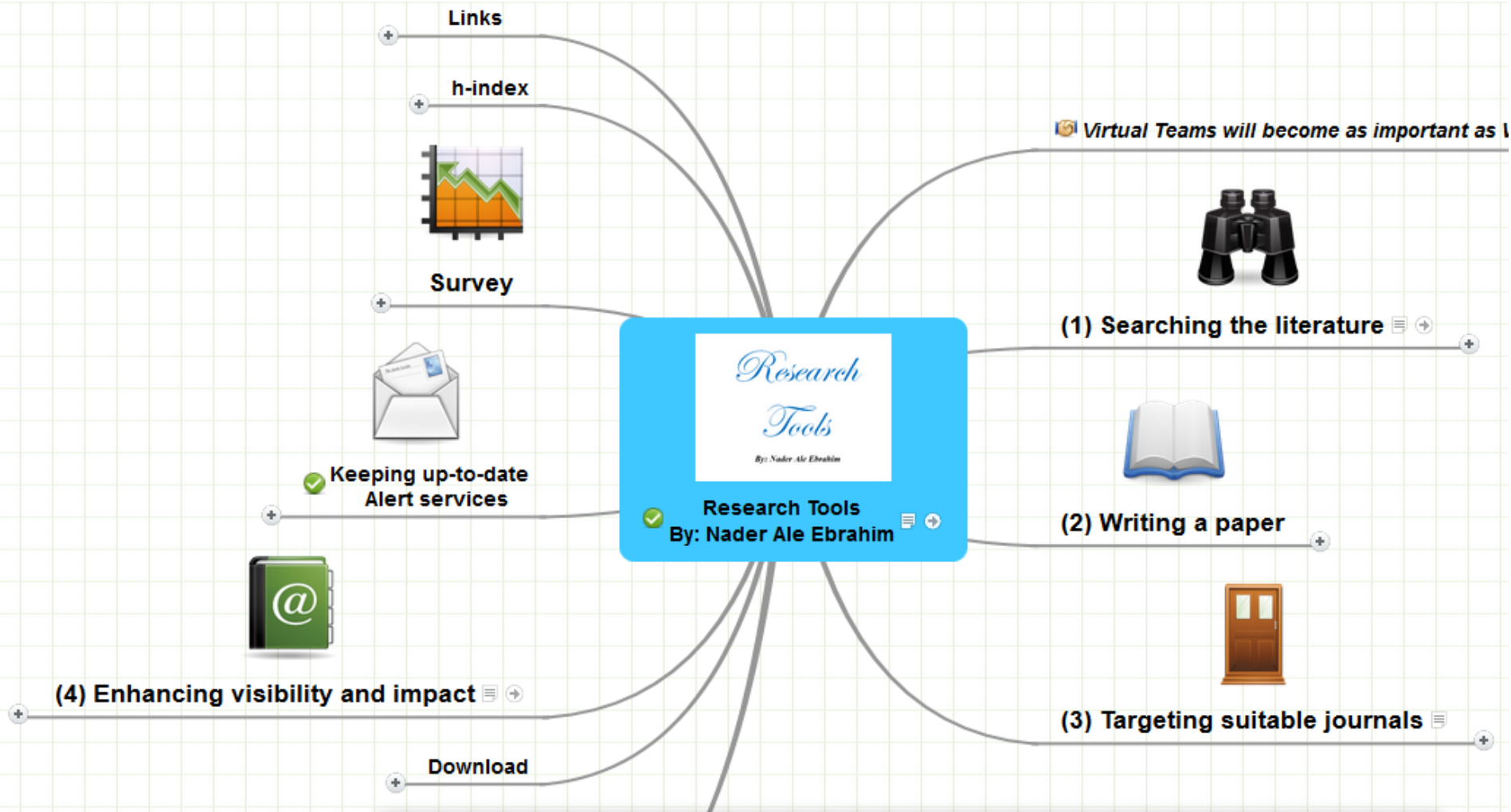
1. Ale Ebrahim, N., Salehi, H., Embi, M. A., Habibi Tanha, F., Gholizadeh, H., Motahar, S. M., & Ordi, A. (2013). [Effective Strategies for Increasing Citation Frequency](#). *International Education Studies*, 6(11), 93-99. doi: 10.5539/ies.v6n11p93
2. Ale Ebrahim, Nader. ["Optimize Your Article for Search Engine."](#) *University of Malaya Research Bulletin* 2.1 (2014): 38-39.

Abstract

Abstract: The reach of a publication can no longer be judged exclusively by the number of times it is cited, because, we are now in the digital and sharing information age, academic conversations are as likely to be found on various academic social networks. So, we need new tools to measure the research impact. Altmetrics are new metrics proposed as alternatives to Impact Factor for journals and personal citation indexes like h-index. Altmetrics attempts to use the online activity to measure impact, buzz, word of mouth for scientific information and it includes new ways to measure usage at the citation level. In this workshop, I will explain about the application of "alternative metrics" tools such as: Altmetric.com, Impactstory.org, Plumanalytics.com, and PLoS metrics.

Keywords: Altmetric, H-index, Improve citations, Research tools, Bibliometrics, Research Visibility

Research Tools Mind Map





Library News

LIBRARY HOME



NEWS HOME

COLLECTIONS

RESEARCH

SERVICES

GENERAL INFO

ON CAMPUS

Citations & Tweets: Tech-Savvy Research Impact Measurements

By Erica Bogese

October 30, 2015



It used to be that scholars shared their research primarily at academic conferences/symposiums or in academic journals/books. But now in the digital age, academic conversations are as likely to be found on Twitter or Facebook.

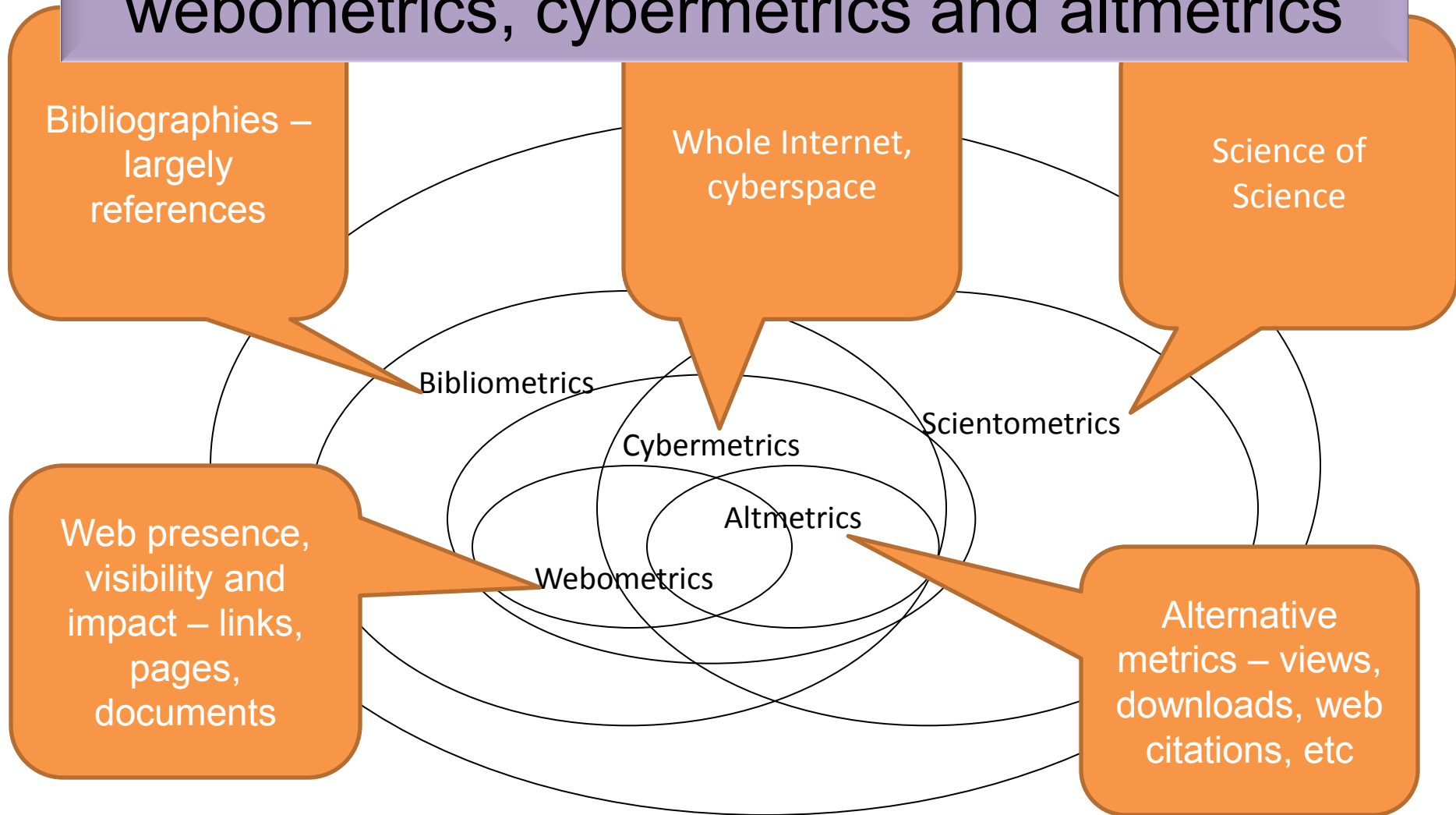
PROFILE

Rachel Borchardt

ON CAMPUS



Informetrics, scientometrics, bibliometrics, webometrics, cybermetrics and altmetrics



Source: Onyancha, Omwoyo Bosire. "Can informetrics shape biomedical research? A case study of the HIV/AIDS research in sub-Saharan Africa 1." *Inkanyiso: Journal of Humanities and Social Sciences* 6.1 (2014): 49-65.

What it's like being a researcher

What were your recent projects?

Where is your research based?

Does it have an international focus?

Where are your publications?

Are they open access?

Is the research open to all?

How do you pay the researchers?

Was it successful?

Did it have any impact?

WILL IT HAVE ANY IMPACT?

What did you do with the grant income you received?
How did you cost your overheads?

are you supervising?
Does it have any IMPACT?

What's next?

ing
h!

Impact



usage

downloads
views



peer-review

expert opinion



citations



alt-metrics

storage
links
bookmarks
conversations

Source: <http://altmetrics.org/manifesto/>

Problems with citation-based indicators



Problem 1: **Time**

Problem 2: **Journals**

Problem 3: **Impact**

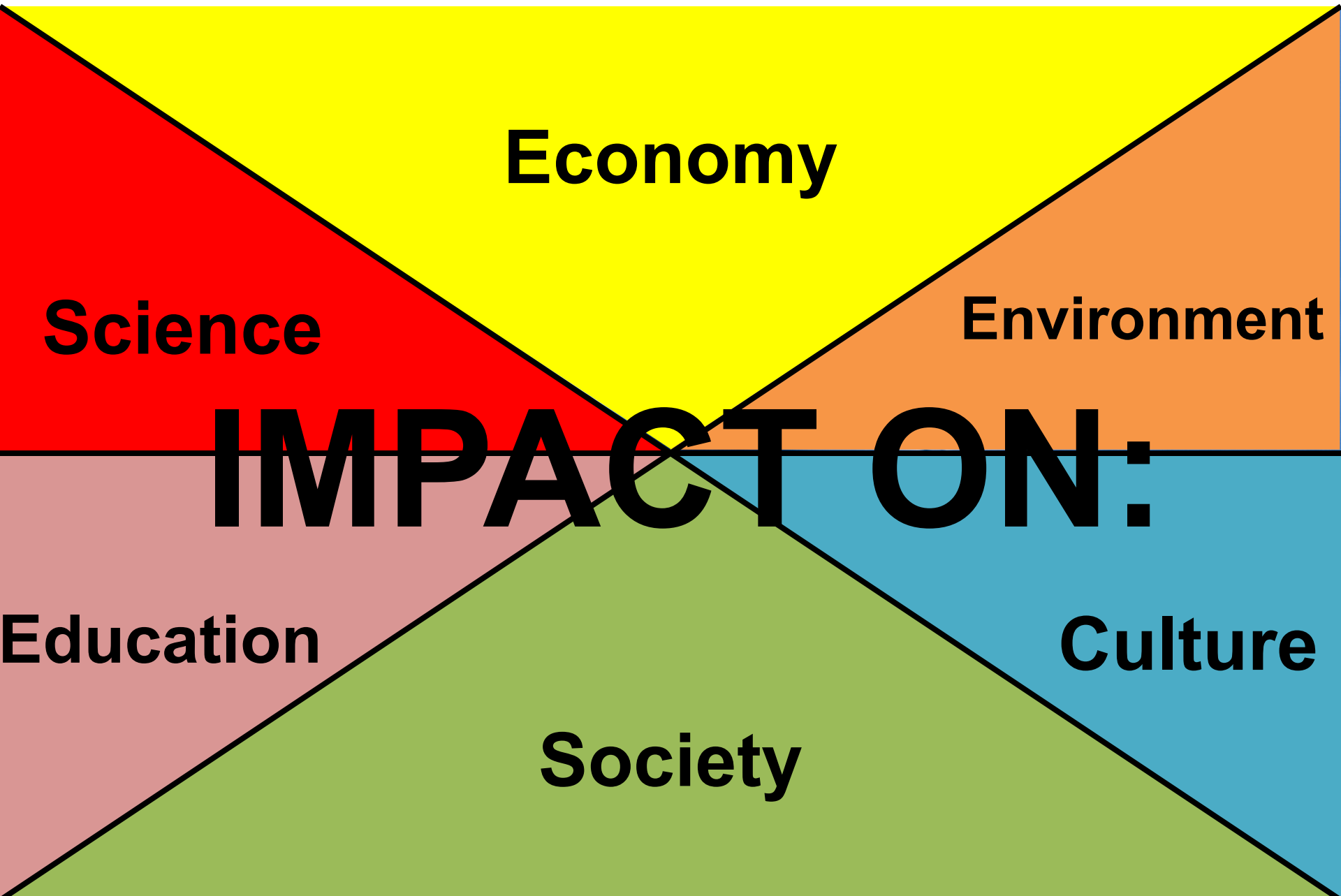




Science

IMPACT ON:

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Altmetrics



**Created by
researchers**

**Created by
the public**

Altmetrics

**Created by
researchers**

Indicating
future
scientific
impact?

Altmetrics



Indicating other **types** of impact, such as societal impact?

Created by the public

How is the Altmetric score calculated?

The score is a weighted count

The score is derived from an automated algorithm, and represents a weighted count of the amount of attention we've picked up for a research output. Why is it weighted? To reflect the relative reach of each type of source. It's easy to imagine that the average newspaper story is more likely to bring attention to the research output than the average tweet. This is reflected in the default weightings:

News	8
Blogs	5
Twitter	1
Facebook	0.25
Sina Weibo	1
Wikipedia	3
Policy Documents (per source)	3
Q&A	0.25
F1000/Publons/Pubpeer	1
YouTube	0.25
Reddit/Pinterest	0.25
LinkedIn	0.5

Altmetrics Tools

- Altmetric.com

- Impactstory.org



- Plumanalytics.com

ImpactStory.

- PLoS Article-Level Metrics

- Usage Count (webofknowledge.com)

- Bookmetrix (<http://www.bookmetrix.com>)



- Article Metrics in Scopus

Altmetrics

- [Altmetrics](#) are new metrics proposed as alternatives to Impact Factor for journals and personal citation indexes like h-index. The term "article level metrics" was first put forward in 2010, but altmetrics (derived from "alternative metrics") become prevalent as it better suggested a range of new metrics. Altmetrics can be applied not only to articles but also to people, journals, books, data sets, web pages, etc. Many aspects of the impact of a work (such as article views, downloads, mentions in social media and new services) can be measured, as well as traditional citation counts.

On Friday, June 27, 2014 6:07 PM, The Impactstory team <team@impactstory.org> wrote:



Your new research impacts this week



Dr. Nader Ale Ebrahim impactstory.org/aleebrahim

1000+ SlideShare views

on *Effective virtual teams*

This slides attracted 73 new SlideShare views this week, bringing it up to 1003 total.
It marks your 8th product to get this many views on SlideShare. Nice work!

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Enhancing Research Visibility and Improving Citations: Publication Marketing ToolsMpws publication marketing tools by nader ale ebrahim 2013 ↗

(2013) Slideshare.

viewed by public



48 Slideshare downloads ↗

+2

viewed by public



7030 Slideshare views ↗

+394

7000+ SlideShare views

on [Enhancing Research Visibility and Improving Citations: Publication Marketing ToolsMpws publication marketing tools by nader ale ebrahim 2013](#)

This slides attracted 394 new SlideShare views this week, bringing it up to 7030 total.

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Antony Williams

Connections in Chemistry

[LinkedIn](#), [ScientistDB](#), [ChemConnector Blog](#),

[Twitter](#), [about.me](#), [Google Scholar](#), [Microsoft Academic Search](#),

[Impact Story](#), [Wikipedia](#), [SlideShare](#), [YouTube](#), [Mendeley](#),

[PROskore](#), [ResearchGate](#), [amazon.com](#), [Vizify](#), [visualize.me](#),

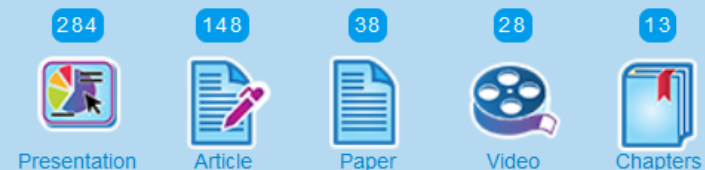
[Pinterest](#), [ORCID](#), [Vimeo](#)

Researcher from:

[Sample Profiles](#) / [Royal Society of Chemistry](#)

My passion is connecting people to chemistry. Over the past decade I held many jobs and responsibilities including the direction of the development of scientific software applications for spectroscopy and general chemistry, directing marketing efforts, sales and business development collaborations for the company. I have almost... [+ More](#)

Artifact Summary



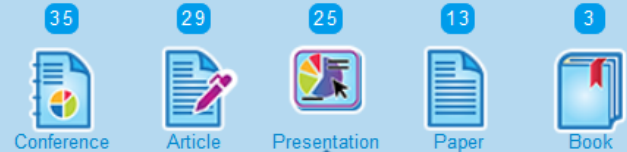


Nader Ale Ebrahim

نادر آل ابراهيم

 ResearcherID,  ORCID,  bepress,  RePEc,  Google Scholar,  Research tools,  Imgur,  Vizualize,  Quora,  Copernicus,  Diigo,  How to write a review paper,  ORCID,  Twitter,  The Berkeley Electronic Press™,  Archive,  Resume,  LinkedIn,  Blogspot,  Postach.io,  FaceBook,  About.me,  SCOPUS,  ISDT Organizing Committee,  Ecademy,  Tumblr,  Vizify,  Informatik,  WiKi,  The Effective Use of "Research Tools" and Resources – Training of Trainers (TOT),  ResearcherID,  Peerevaluation,  Best Virtual R&D Teams Papers,  Citec,  Methodspace,  Academic Research Microsoft,  PublicationsList,  WordPress,  Scoop.it,  EduBlogs,  Managing Research Candidature,  Slid Share,  Science Wise,  Mendeley,  The academic impact of research: Current and the future citation trends in developing countries,  Delicious,  Practical Guide to Write a PhD Thesis and publish papers based on the thesis,  MPRA,  Research Tools Box,  CiteULike,  Zotero,  ResearchGate,  arxiv,  Pearl Trees,  Enhancing Research Visibility and Improving Citations: Publication Marketing Tools,  Flickr,  Target ISI Journals-HOW TO WRITE/PUBLISH ISI PAPERS,  Okkam,  ImpactStory,  My Web Site,  EPD 2010: 3 Minutes Competition,  SSRN,  Social Science Research Network (SSRN),  Homepage

Artifact Summary



PlumX Metrics



USAGE
(views, downloads)



CAPTURES
(bookmarks, favorites, readers)



MENTIONS
(Wikipedia, comments, blogs)



SOCIAL MEDIA
(Facebook likes, shares, tweets)



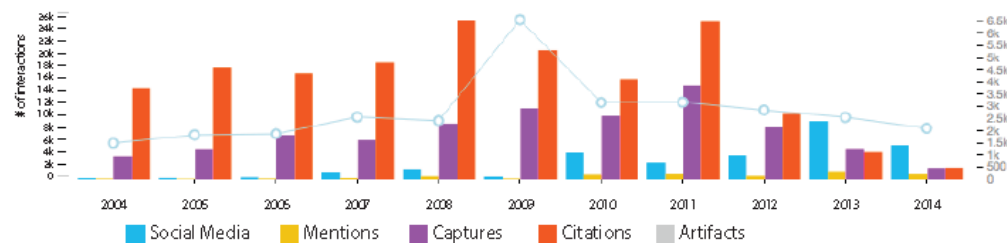
CITATIONS
(Scopus, patents)

Analyze

You can aggregate metrics at any level to help you understand what is happening with your grant-funded research. For example you can see output and metrics by:

- Researcher
- Grant
- Department
- Journal

Metrics by publication year



In this example, it is apparent that citations (red bars) are a lagging indicator; there are substantially fewer citations in the recent years, especially 2013 and 2014. The other categories of metrics help you see what has been going on recently.

Public Library of Science (PLOS) Article-Level Metrics (ALMs)

At PLOS, we believe that research articles should primarily be judged on their individual merits, rather than on the basis of the journal in which they were published. In March 2009, we inaugurated a program to provide Article-Level Metrics (ALM) on every article across all journals. Article-Level Metrics (ALMs) capture the manifold ways in which research is disseminated and can help users determine the value of an article to them and to their scientific community. The regularly updated data include the following metrics:

Viewed PLOS Journals (HTML, PDF, XML) PubMed Central (HTML, PDF) Figshare (HTML, Downloads, Likes)	Saved Mendeley CiteULike	Discussed Twitter Facebook Wikipedia Reddit PLOS Comments ResearchBlogging ScienceSeeker Nature Blogs Wordpress.com	Recom- mended F1000Prime	Cited CrossRef Scopus Web of Science PubMed Central PMC Europe PMC Europe Database Links
--	---------------------------------------	---	--	--

Usage Count

Search My Tools ▾ Search History Marked

Results: 711
(from Web of Science Core Collection)

You searched for: **TITLE:** (virtual teams) ...[More](#)

[Create Alert](#)

Refine Results

Search within results for...

Web of Science Categories ▾

- MANAGEMENT (241)

Sort by: **Usage Count -- Since 2013** ▾

- Publication Date -- newest to oldest
- Publication Date -- oldest to newest
- Recently Added
- Times Cited -- highest to lowest
- Times Cited -- lowest to highest
- Usage Count -- Last 180 days
- Usage Count -- Since 2013**
- Relevance
- First Author -- A to Z

Page 1 of 7

Select [Print online](#) ▾

[Analyze Results](#)
[Create Citation Report](#)

1. [Management Learning](#) **virtual teams across**
Jyrama, Annukka
MANAGEMENT LEARNING Volume: 42 Issue: 4 Special Issue: SI Pages: 395-418 Published: SEP 2011

Times Cited: 11
(from Web of Science Core Collection)
Since 2013: 233 ▾

2. [Communication and trust in global virtual teams](#)
By: Jarvenpaa, SL; Leidner, DE
ORGANIZATION SCIENCE Volume: 10 Issue: 6 Pages:
Times Cited: 673
(from Web of Science Core Collection)

Elsevier journals

Top downloaded OA articles

ELSEVIER

Open Access

Here you'll find the most-downloaded Open Access Articles for Elsevier's journals.

- Agriculture Sciences
 - [Agriculture Science, General](#)
 - [Forest Science](#)
 - [Plant Science](#)
 - [Soil Science](#)
- Aquatic Sciences
 - [Marine and Freshwater Biology](#)
 - [Oceanography](#)
 - [Water Resources](#)
- Chemistry
 - [Analytical Chemistry](#)
 - [Colloids](#)
 - [Electrochemistry](#)
 - [Inorganic Chemistry](#)
 - [Organic Chemistry](#)
 - [Physical and Theoretical Chemistry](#)
 - [Spectroscopy](#)
- Computer Science
 - [Artificial Intelligence](#)
 - [Computer Science for Engineering](#)
 - [Microelectronics and Hardware](#)

Bookmetrix - Springer



Bookmetrix tracks social and scholarly activity around published books

ABOUT THIS PAGE

SHARE

A multi-dimensional model for Computer Aided Manufacturing Planning (CAM) in Digital Manufacturing

CHAPTER 5

The Application of Support Vector Machine and Behavior Knowledge Space in the Disulfide Connectivity Prediction Problem

0 0 0 54

CHAPTER 6

Two-Tier Machine Learning Using Conditional Random Fields with Constraints

0 0 0 54

CHAPTER 7

Keyword Extraction from Company Websites for the Development of Regional Knowledge Maps

0 0 0 60

CHAPTER 8

Pitfalls in Ontologies and TIPS to Prevent Them

0 0 0 55

CHAPTER 9

Foundational Ontology Mediation in ROMULUS

0 0 0 55

CHAPTER 10

PRONTOE: An Ontology Editor for Domain Experts

0 0 0 57

CHAPTER 11

0 0 0 59

ALL ACTIVITY FOR CHAPTER:

A Risk Diagnosing Methodology Web-Based Platform for Micro, Small and Medium Businesses: Remarks and Enhancements

AUTHORS Luis Pereira · Alexandra Tenera · João Bispo · João Wemans

DOI 10.1007/978-3-662-46549-3_22

CITATIONS

0

MENTIONS

0

READERS

0

DOWNLOADS

54

DOWNLOAD SUMMARY

This chapter has been downloaded a total of **54** times.

Article Metrics in Scopus

Scopus

Search	Alerts	My list	
--------	--------	---------	--

Metric details

Effective strategies for increasing citation frequency [Back to article](#)
Ebrahim N.A., Salehi H., Embi M.A., Tanha F.H., (...), Ordi A.
(2013) International Education Studies, 6(11), pp. 93-99

Overview	Citations	Scholarly Activity <small>Mendeley, CiteULike, etc.</small>	Social Activity <small>Twitter, Facebook, etc.</small>
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Overview



Engagement highlights

Scholarly Activity - 74 readers from 1 source

Social Activity - 10 mentions from 1 source

Downloads and posts in common research tools

Mentions characterized by rapid, brief engagement on platforms used by the general population, such as Twitter, Facebook, and Google +.

www.scopus.com/record/pubmetrics.url?eid=2-s2.0-84886790522&origin=recordlink

Introduction to altmetrics and Altmetric

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altmetric.com



Altmetric Ambassador of the Month: Nader Ale Ebrahim

Our Ambassador of the Month for September is [Nader Ale Ebrahim](#), a visiting research fellow at the University of Malaya. He has run over 100 workshops for researchers in Malaysia, and is considered an authority on research promotion practices and metrics tools. [Learn more about what Nader has done so far as an Altmetric Ambassador on our blog.](#)



In this session, we'll cover...

- 1 Introduction to altmetrics
- 2 Altmetric tools
- 3 Altmetrics use cases
- 4 Examples of using altmetrics data
- 5 Questions?

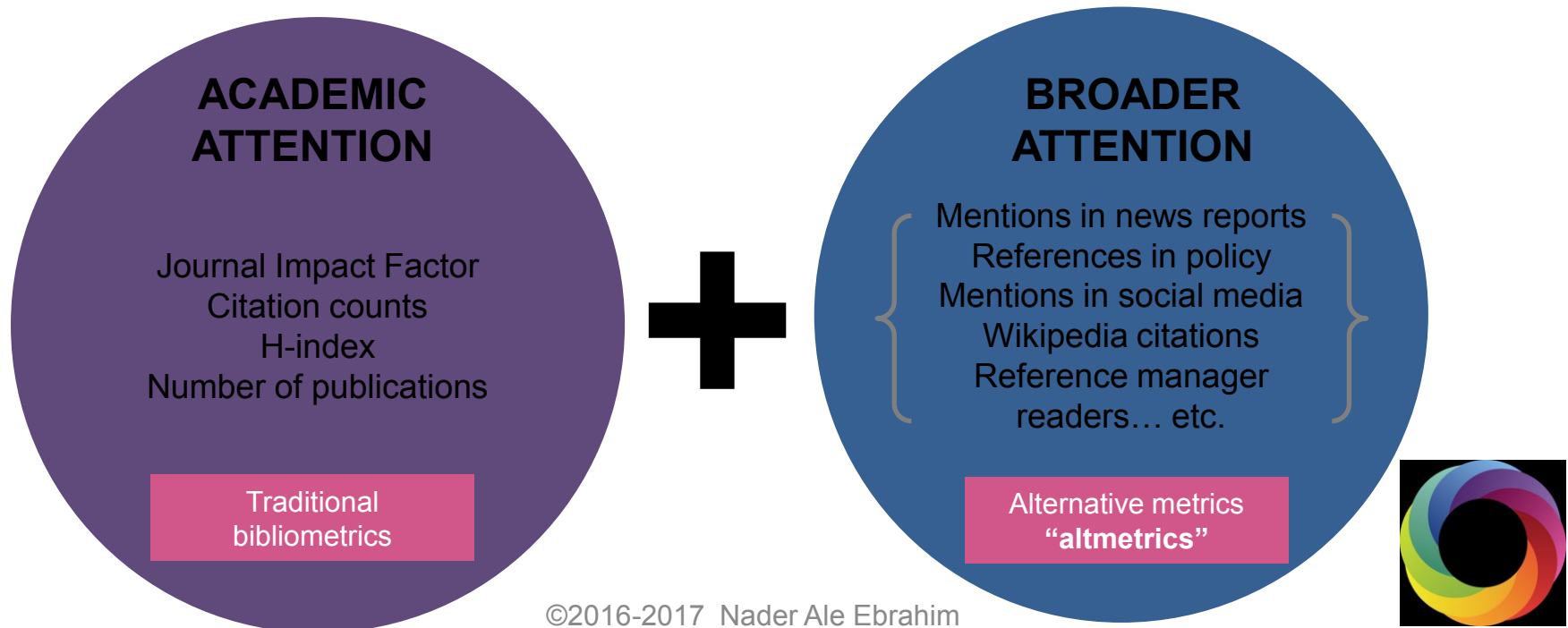


Part 1: Introduction to Altmetrics



What are altmetrics?

- Attention to research outputs in non-traditional sources, e.g. policy documents, news, blogs and social media
- *Indicators* of research impact
- Help understand how research is being received and used
- Complementary to traditional citation-based analysis



Why altmetrics?

- Provide a more coherent understanding of research attention
- Understand the broader reach and *early* impact of research
- Track attention to a broad range of research outputs, including articles, posters, data sets and working papers, etc.
- Help researchers get credit for impact activities



Advantages of metrics for single research outputs

- 1 Real-time, immediate feedback on attention to scholarly content
- 2 Useful for early career researchers whose work may not have accrued citations
- 3 Showcase attention to a research output beyond academia
- 4 Not biased by an over-arching metric



Altmetric in numbers: mentions and shares

Each day, we track
~44,000 new
mentions of research
across sources incl.
social media, news,
and policy docs.

That's **1** mention
every 2 seconds!

Each week,
~50k
unique items
are shared.

Mentions range in
complexity, from
quick shares to
comprehensive
reviews.

18m
mentions of
~3.7m scholarly
outputs



What sources does Altmetric track?

News outlets

- Over 1,300 sites
- Manually curated list
- Text mining
- Global coverage

Social media and blogs

- Twitter, Facebook, Google+, Sina Weibo
- Public posts only
- Manually curated list

Post-publication peer review

- Publons
- PubPeer

Reference managers

- Mendeley, CiteULike
- Reader counts
- *Don't count towards the Altmetric score*

Other sources

- Wikipedia
- YouTube
- Reddit
- F1000
- Pinterest
- Q&A

Policy documents

- NICE Evidence
- Intergovernmental Panel on Climate Change
- Many more...

How does Altmetric c online attention?

Follow a list of sources.

E.g. blogs, news, policy documents, social media.

Search for links to papers.

Automatically link searching and text mining.



Collecting attention data

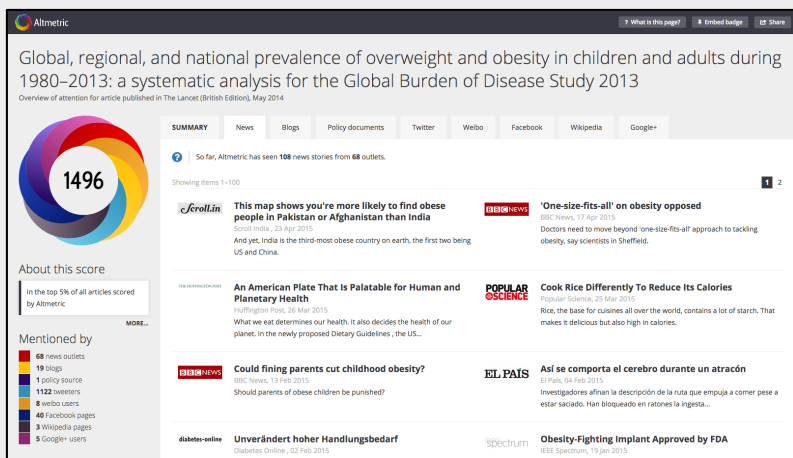
Reporting attention data

Collate attention.

Disambiguation of mentioned items across different versions.

Display data in "Altmetric details pages".

All research outputs with mentions have an Altmetric Details Page in our database.



Altmetric Details Page.

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Part 2: Altmetric Tools



The Altmetric Bookmarklet



- Tweeted by 101
- On 11 Facebook pages
- Reddited by 2
- Picked up by 3 news outlets
- Blogged by 6
- 8 readers on Mendeley
- 0 readers on Connotea
- 4 readers on CiteULike

[Click for more details](#)

The free Bookmarklet lets you instantly retrieve altmetrics data for any article.

To install, go to: <http://altmetric.it>



A Comprehensive Comparison of Educational Growth within Four Different Developing Countries between 1990 and 2012



Revista de Gestão e Secretariado

CAPA	SOBRE	ACESSO	CADASTRO	PESQUISA	ATUAL	ANTERIORES
NOTÍCIAS	INDEXAÇÃO E DIRETÓRIOS	CÓDIGO DE CONDUTA EDITORIAL	AUTHOR FEES			

Capa > v. 6, n. 3 (2015) > Shakiba

A Comprehensive Comparison of Educational Growth within Four Different Developing Countries between 1990 and 2012

Masoud Shakiba, Nader Ale Ebrahim, Mahmoud Danaee, Kaveh Bakhtiyari, Elankovan Sundararajan

Resumo



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Blogged by 1
Tweeted by 1
Mentioned in 1 Google+ posts
[Click for more details](#)

e-ISSN: 2178-9010

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Selecione o idioma

Português (Brasil) ▼

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Indexação:



THOMSON REUTERS

Emerging Sources Citation Index
WEB OF SCIENCE™

G+

in



The Altmetric Bookmarklet

frontiers in HUMAN NEUROSCIENCE

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Archive

Research Topics

View Some Authors

Review Guidelines

Subscribe to Alerts

SEARCH

Article Type

Publication Date

Go

AUTHOR INFO

REVIEW ARTICLE

Share 4 Like 8 Comment 0 3414 381 30,292 views

Front. Hum. Neurosci., 24 June 2013 | doi: 10.3389/fnhum.2013.00291

Deep impact: unintended consequences of journal rank

Björn Brembs^{1*}, Katherine Button² and Marcus Munafò³

¹ Institute of Zoology—Neurogenetics, University of Regensburg, Regensburg, Germany

² School of Social and Community Medicine, University of Bristol, Bristol, UK

³ UK Centre for Tobacco Control Studies and School of Experimental Psychology, University of Bristol, Bristol, UK

Most researchers acknowledge an intrinsic hierarchy in the scholarly journals (“journal rank”) that they submit their work to, and adjust not only their submission but also their reading strategies accordingly. On the other hand, much has been written about the negative effects of institutionalizing journal rank as an impact measure. So far, contributions to the debate concerning the limitations of journal rank as a scientific impact assessment tool have either lacked data, or relied on only a few studies. In this review, we present the most recent and pertinent data on the consequences of our current scholarly communication system with

Article Info

Abstract

Full Text

PDF

Export Citation

EndNote

Reference Manager

Simple TEXT file

BibTex

XML

View Article Impact

The Authors in

Frontiers

Google

Google Scholar

PubMed

Related Article



Close x

Tweeted by 395
Blogged by 9
On 26 Facebook pages
Mentioned in 27 Google+ posts
Picked up by 3 news outlets
Reddited by 2
199 readers on Mendeley
0 readers on CiteULike
[Click for more details](#)




Major trends in knowledge management research: a bibliometric study

Springer Link  

Article
Scientometrics
pp 1-16
First online: 07 April 2016

Major trends in knowledge management research: a bibliometric study

Peyman Akhavan , Nader Ale Ebrahim, Mahdieh A. Fetрати, Amir Pezeshkan

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Close x



8

 Blogged by 1
 Tweeted by 2

[Click for more details](#)



Look Inside 

Article Metrics

 **Social Mentions** 13



Altmetric Details Pages

- 1 See all the [conversations and mentions](#).
- 2 Monitor mentions in the mainstream news.
- 3 Estimate attention with the “Altmetric score”.

The screenshot shows the Altmetric interface for the article "Global, regional, and national prevalence of overweight and obesity in children and adults during 1980–2013: a systematic analysis for the Global Burden of Disease Study 2013". The Altmetric score is 1496, indicated by a large circular graphic with the number 1496 in the center. The page is divided into sections: "About this score" (top left), "Mentioned by" (bottom left), and a list of news stories (main content). The "About this score" section states that the article is in the top 5% of all articles scored by Altmetric. The "Mentioned by" section lists the number of mentions from various sources: 68 news outlets, 19 blogs, 1 policy source, 1122 tweeters, 8 weibo users, 40 Facebook pages, 3 Wikipedia pages, and 5 Google+ users. The main content area shows a list of news stories, with the first two highlighted. The first story is from Scroll.in, titled "This map shows you're more likely to find obese people in Pakistan or Afghanistan than India", published on 23 Apr 2015. The second story is from BBC News, titled "'One-size-fits-all' on obesity opposed", published on 17 Apr 2015. The page also features a navigation bar at the top with options for "What is this page?", "Embed badge", and "Share".

Altmetric What is this page? Embed badge Share

Global, regional, and national prevalence of overweight and obesity in children and adults during 1980–2013: a systematic analysis for the Global Burden of Disease Study 2013

Overview of attention for article published in The Lancet (British Edition), May 2014

1496

1 SUMMARY News Blogs Policy documents Twitter Weibo Facebook Wikipedia Google+

2 So far, Altmetric has seen **108** news stories from **68** outlets.

Showing items 1–100 **1** 2

3

About this score

In the top 5% of all articles scored by Altmetric

MORE...

Mentioned by

- 68 news outlets
- 19 blogs
- 1 policy source
- 1122 tweeters
- 8 weibo users
- 40 Facebook pages
- 3 Wikipedia pages
- 5 Google+ users

2 **scroll.in** **This map shows you're more likely to find obese people in Pakistan or Afghanistan than India**
Scroll India, 23 Apr 2015
And yet, India is the third-most obese country on earth, the first two being US and China.

BBC NEWS **'One-size-fits-all' on obesity opposed**
BBC News, 17 Apr 2015
Doctors need to move beyond 'one-size-fits-all' approach to tackling obesity, say scientists in Sheffield.

THE HUFFINGTON POST **An American Plate That Is Palatable for Human and Planetary Health**
Huffington Post, 26 Mar 2015
What we eat determines our health. It also decides the health of our planet. In the newly proposed Dietary Guidelines, the US...


POPULAR SCIENCE **Cook Rice Differently To Reduce Its Calories**
Popular Science, 25 Mar 2015
Rice, the base for cuisines all over the world, contains a lot of starch. That makes it delicious but also high in calories.

BBC NEWS **Could fining parents cut childhood obesity?**
BBC News, 13 Feb 2015
Should parents of obese children be punished?

EL PAÍS **Así se comporta el cerebro durante un atraque**
El País, 04 Feb 2015
Investigadores afinan la descripción de la ruta que empuja a estar saciado. Han bloqueado en ratones la ingesta...

diabetes-online **Unverändert hoher Handlungsbedarf**
Diabetes Online, 02 Feb 2015

Spectrum **Obesity-Fighting Implant Approved by FDA**
IEEE Spectrum, 19 Jan 2015



What is the Altmetric donut?

The Altmetric donut visualizes which are sources discussing an item.

In the Altmetric Explorer, hover the cursor over the donut visualization to see the appropriate legend for an item.

Each source is colour coded:

The Colours of the Donut

- | | |
|---------------------------------|------------------------|
| ● Policy documents | ● Google+ |
| ● News | ● LinkedIn |
| ● Blogs | ● Reddit |
| ● Twitter | ● Faculty1000 |
| ● Post-publication peer-reviews | ● Q&A (stack overflow) |
| ● Facebook | ● Youtube |
| ● Sina Weibo | ● Pinterest |
| ● Wikipedia | |



What is the Altmetric score of attention?



The Altmetric score provides an indicator of the attention surrounding a research output.

It represents a weighted approximation of all the attention we've picked up for a research output and is calculated according to three facets:

Volume	Sources	Authors
The score for an article rises as more people mention it.	Each source category contributes a different base amount to the final score.	How often the author of each mention talks about scholarly articles influences the contribution of the mention.

Read more about the score here: altmetric.com/blog/scoreanddonut/



What can the data tell you?



What type of attention is this research receiving?



Where has this article received the most traction?



Which countries are engaging most with the content?



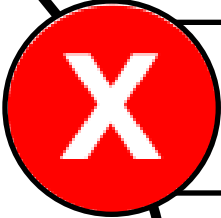
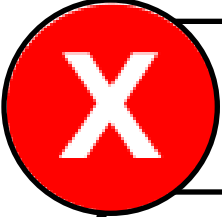
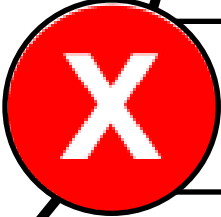
Has this article influenced policy, spurred new research, or engaged a new audience?



Are reactions to this article positive or negative?



Remember that the numbers don't tell you...

-  Quality of the paper
-  Quality of the researchers
-  Whole story



Part 3: Altmetrics Use Cases





Uncover conversations about your research

Global, regional, and national prevalence of overweight and obesity in children and adults during 1980–2013: a systematic analysis for the Global Burden of Disease Study 2013

Overview of attention for article published in The Lancet (British Edition), May 2014



About this score

In the top 5% of all articles scored by Altmetric

MORE...

Mentioned by

- 68 news outlets
- 19 blogs
- 1 policy source

- SUMMARY
- News
- Blogs
- Policy documents
- Twitter
- Weibo
- Facebook
- Wikipedia
- Google+

So far, Altmetric has seen 108 news stories from 68 outlets.

Showing items 1–100

1 2

scroll.in **This map shows you're more likely to find obese people in Pakistan or Afghanistan than India**
 Scroll India, 23 Apr 2015
 And yet, India is the third-most obese country on earth, the first two being US and China.

BBC NEWS **'One-size-fits-all' on obesity opposed**
 BBC News, 17 Apr 2015
 Doctors need to move beyond 'one-size-fits-all' approach to tackling obesity, say scientists in Sheffield.

THE HUFFINGTON POST **An American Plate That Is Palatable for Human and Planetary Health**
 Huffington Post, 26 Mar 2015
 What we eat determines our health. It also decides the health of our planet. In the newly proposed Dietary Guidelines, the US...

POPULAR SCIENCE **Cook Rice Differently To Reduce Its Calories**
 Popular Science, 25 Mar 2015
 Rice, the base for cuisines all over the world, contains a lot of starch. That makes it delicious but also high in calories.

BBC NEWS **Could fining parents cut childhood obesity?**
 BBC News, 12 Feb 2015

EL PAÍS **Así se comporta el cerebro durante un atracón**
 El País, 04 Feb 2015
 Investigadores afinan la descripción de la ruta que empuja a comer pese a estar saciado. Han bloqueado en ratones la ingesta...

spectrum **Obesity-Fighting Implant Approved by FDA**
 IEEE Spectrum, 19 Jan 2015

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Discovering policy references

Cochrane Library paper investigated use of probiotics to treat eczema: *There is not enough evidence to recommend using probiotics for the treatment of eczema.*



The paper has a *relatively* low score of attention but received mentions across policy documents and Wikipedia:

- [Royal College of Paediatrics and Child Health - Allergy Care Pathways for Children: core competency for health professionals treating children with](#)



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Dermatitis

From Wikipedia, the free encyclopedia

Dermatitis (from "eruption") is infl patches. The ter languages, derr and eczema a c

The cause of de between the imm

The term *eczem* skin rashes that

crusting, flaking, blistering, cracking, oozing, or bleeding. Areas of temporary skin discoloration may appear and are sometimes due to healed injuries. Scratching open a healing lesion may result in scarring and may enlarge

Alternative medicine [edit]

There is currently no scientific evidence for the claim that sulfur t Chinese herbs help or harm.^[51] Dietary supplements are commo

primrose oil nor borage seed oil taken orally have been shown to be effective. Both are associated with gastrointestinal upset.^[53] Probiotics do not appear to be effective.^[54] There is insufficient evidence to support the use of zinc, selenium, vitamin D, vitamin E, pyridoxine (vitamin B6), sea buckthorn oil, hempseed oil, sunflower oil, or fish oil as dietary supplements.^[52]

Boyle RJ, Bath-Hextall FJ, Leonardi-Bee J, Murrell DF, Tang ML (2008). Boyle, Robert John, ed. "Probiotics for treating eczema". *Cochrane Database of Systematic Reviews (Online)* (4): CD006135. doi:10.1002/14651858.CD006135.pub2. PMID 18843705.

ether evening



D-Scholarship @Pitt

Institutional Repository at the University of Pittsburgh

HOME ABOUT FAQ HELP

An electrocorticographic brain interface in an individual with tetraplegia.

Author(s): Wei Wang, Jennifer L. Collinger, Alan D. Degenhart, Elizabeth C. Tyler-Kabara, Andrew B. Schwartz, Daniel W. Moran, Douglas J. Weber, Brian Wodlinger, Ramana K. Vinjamuri, Robin C. Ashmore

PubMedCentral - HTML Views: 189

PubMedCentral - PDF Views: 62

Pitt-EPrint-DScholarship - Downloads: 27

PLoS - HTML Views: 3375

PLoS - PDF Views: 489

Mendeley - Readers: 37

PubMed - Cited by: 1

CrossRef - Cited by: 6

Facebook - Comments: 6

Twitter - Tweets: 12

Google+ - +1s: 1

Facebook - Shares: 9

Facebook - Likes: 3

The University of Pittsburgh has embedded PlumX widgets in their [D-Scholarship institutional repository](#). You can see metrics across their institution at [Plu.mX/Pitt](#). They have also built profiles for researchers across a variety of disciplines. Some sample profiles:

[Peter Brusilovsky](#)

[Rebecca Crowley](#)

[Michael Pinsky](#)





A Comparison between Two Main Academic Literature Collections: Web of Science and Scopus Databases

Twitter Facebook Google+ **Score** Demographics Help

The Altmetric score is one measure of the quality and quantity of online attention that this article has received. You can read about [how Altmetric scores are calculated](#) here.

This article scored **3.75**

The context below was calculated when this article was last mentioned on **13th May 2013**

Score in context

Puts article in the top 25% of all articles ranked by attention

[show more...](#)

Mentioned by

- 4 tweeters
- 1 Facebook users
- 1 Google+ users

Readers on

- 17 Mendeley
- 2 CiteULike

Track this article

- Get email updates when this article is shared

Compared to all articles in Asian Social Science

So far Altmetric has tracked 29 articles from this journal. They typically receive a little less attention than average, with a mean score of 1.0 vs the global average of 4.2. This article scored the same or higher as 28 of them. It's actually **the highest scoring article** in this journal that we've seen so far.

In the
99%ile

Ranks
1st

All articles of a similar age

Older articles will score higher simply because they've had more time to accumulate mentions. To account for age we can compare this score to the 73,149 tracked articles that were published within six weeks on either side of this one in any journal. This article has done well, scoring **higher than 78% of its contemporaries**.

In the
78%ile

All articles

More generally, Altmetric has tracked 1,646,693 articles across all journals so far. Compared to these this article has done well and is in the 79th percentile: it's **in the top 25% of all articles ever tracked** by Altmetric.

In the
79%ile



Genome Engineering of *Drosophila* with the
CRISPR RNA-Guided Cas9 Nuclease

Scott J. Gratz^{*,†}, Alexander M. Cummings[‡], Jennifer N. Nguyen[‡],
Danielle C. Hamm[§], Laura K. Donohue[†], Melissa M. Harrison^{§,††,1},
Jill Wildonger^{‡,1} and Kate M. O'Connor-Giles^{*,†††,1}

Author Affiliations

Author Notes

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Abstract

We have adapted a bacterial CRISPR RNA/Cas9 system to precisely engineer the *Drosophila* genome and report that Cas9-mediated genomic modifications are efficiently transmitted through the germline. This RNA-guided Cas9 system can be rapidly programmed to generate targeted alleles for probing gene function in *Drosophila*.

CRISPR RNA Cas9 homologous recombination genome engineering *Drosophila*

Received May 9, 2013.

Accepted May 23, 2013.

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Methods, Technology, and
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Genetics August 1, 2013 vol. 194 no. 4
1029-1039

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"The Golden Age? What the 100 Most Cited Articles in Terrorism Studies Tell Us"

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The article page is titled 'Terrorism and Political Violence' and includes a 'Select Language' dropdown and a 'Translator disclaimer' link. The article is available via CrossMark, with a 'click for updates' button. The article title is 'The Golden Age? What the 100 Most Cited Articles in Terrorism Studies Tell Us'. The authors are Andrew Silke* and Jennifer Schmidt-Petersen*. The article is available in 'Full text HTML' and 'PDF' formats, with a 'Full access' button. The DOI is 10.1080/09546553.2015.1064397. The article was published online on 24 Aug 2015. A 'Publishing models and article dates explained' link is also present. An 'Alert me' button is located at the bottom right of the article information.

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The right sidebar contains several sections: 'Journal news' with links to '5 Most Downloaded Articles Free' and 'The Paul Wilkinson Essay Prize'; a green banner for '2013 & 2014 volumes FREE to you for 14 days'; 'Article metrics' showing 'Views: 271'; 'Altmetric score' showing a score of 24; and social media links for 'Blogs (1)' and 'Twitter (33)'. A link for 'Article metrics information' is at the bottom of the sidebar.



Teaching Elementary Students Who Speak Black English Vernacular to Write in Standard English: Effects of Dialect Transformation Practice

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Contemporary Educational Psychology

Volume 25, Issue 2, April 2000, Pages 212–235



Regular Article

Teaching Elementary Students Who Speak Black English Vernacular to Write in Standard English: Effects of Dialect Transformation Practice ☆

Howard Fogel, Linnea C. Ehri
CUNY Graduate Center

Abstract

Although nonstandard dialects of English are legitimate forms of spoken language used by many Americans, students in U.S. schools must acquire *writing* competence using Standard English (SE). Participants in this study were 3rd- and 4th-grade African-American students who exhibited Black English Vernacular (BEV) features in their written work. Six syntactic features differing in BEV and SE were targeted. Students received one of three treatments to increase their use of the SE features in their writing: (1) exposure to SE features in stories; (2) story exposure plus explanation of SE rules; and (3) story exposure, SE rule instruction, and guided practice transforming sentences from BEV to SE features. The third treatment proved most effective in enabling students to translate BEV sentences into SE forms and to employ the targeted SE features in their free writing. Results indicate that having students practice translating nonstandard sentences that typify their own writing and providing corrective feedback are



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Joeran Beel

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Use in grant applications and funder reporting






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Overview of attention for article published in Nature, January 2012



273

ABOUT THIS SCORE

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- 2 news outlets
- 3 blogs
- 293 tweeters
- 4 Facebook pages
- 32 Google+ users

SUMMARY News Blogs Twitter Facebook Google+

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Giovanna Guerrero
@Sefini

The internet provides a new universe of #scied opps. Including crowd sourced discoveries such as <http://t.co/K6BfjxvpYQ> #sciamlearning

05 Aug 2014

Pieter Knockaert
@pleter701

wetenschappers geklopt door gamers in een traveling salesman problem dankzij crowdsourcing! <http://t.co/NSrIPy4GNO> #ITUgent

16 Feb 2014

Gerald van Leeuwen
@dutchlight360

Victory for #crowdsourced biomolecule design <http://t.co/jellviXo8f> ping @DavidJSingleton #crowdsourcing #science

17 Dec 2013

Dionne Lew
@DionneLew

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17 Dec 2013

Christian Townsend
@c_townsend

Dionne Lew
@DionneLew






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Article level metrics

LSE Research Online is experimenting with alt and article level metrics as a way to measure the wider usage of



15

Score in context
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Taking risky opportunities: teenagers' use of social privacy and self-expression

Twitter Facebook Blogs Score

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Marianna Mushalov @MarMush09 http://t.co/Au... modern youth

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Details: None

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Am score 37

Altmetric 37

Altmetric 37



How are institutions using Altmetric?

Researchers

- Track attention to your research immediately
- Uncover (unknown) conversations about your research
- Use in grant applications & funder reporting

Librarians

- Support researchers in all of the above
- Enhance department liaison activities
- Encourage staff to deposit in your research information system

Research Administrators

- Integrate data into your existing performance reports
- Identify key impacts across institution (i.e. policy docs)
- Benchmarking (thoughtfully!)

Marketing Comms.

- Identify research to promote
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- Identify key researchers



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First online: 09 September 2015

Qualitative and quantitative analysis of solar hydrogen generation literature from 2001 to 2014

Mohammad Reza Maghami, Shahin navabi asl, Mohammad esmaeil Rezadad, Nader Ale Ebrahim, Chandima Gomes



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**JAPA In Press
 Physical Activity and Aging Research: A Bibliometric Analysis**

Section: Original Research

Authors: Andre Matthias Müller¹, Payam Ansari¹, Nader Ale Ebrahim², and Selina Khoo¹

Affiliations: ¹Sports Centre, University of Malaya, Kuala Lumpur, Malaysia. ²Research Support Unit, Centre for Research Services, University of Malaya, Kuala Lumpur, Malaysia.

Acceptance Date: November 18, 2015

DOI: http://dx.doi.org/10.1123/japa.2015-0188

Abstract
 Physical activity and aging research has burgeoned in the past few decades. Despite the increase in scholarly publications no attempts have been made to summarize the publication landscape and to identify works that had great impact to physical activity and aging research. We conducted a bibliometric analysis and collected publication data from 1980 to February 6, 2015 in the Web of Science Core Collection. Of the overall 9,935 publications most were published after 2007 and almost 60% were in the category of Geriatrics and Gerontology or Sport Sciences. *hinhiv cited*

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Major trends in knowledge management research: a bibliometric study

Peyman Akhtavan, Nader Ale Ebrahim, Mahdieh A. Fetrati, Amir Pezeshkan



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Capa > v. 6, n. 3 (2015) > Shakiba

A Comprehensive Comparison of Educational Growth within Four Different Developing Countries between 1990 and 2012
 Masoud Shakiba, Nader Ale Ebrahim, Mahmoud Danaee, Kaveh Bakhtiyari, Elankovan Sundararajan

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