



## New Tools for Measuring Research Impact

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- aleebrahim@Gmail.com
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- www.researcherid.com/rid/C-2414-2009 http://scholar.google.com/citations
- All of my presentations are available online at: <a href="https://figshare.com/authors/Nader\_Ale\_Ebrahim/100797">https://figshare.com/authors/Nader\_Ale\_Ebrahim/100797</a>



### **Abstract**

Abstract: Measuring research impact by utilizing different metrics, help you to see the bigger picture of your research publications influences. 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 different research metrics especially "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 123"

Roadmap 1: 30<sup>th</sup>– 31<sup>th</sup>, October 2018. Roadmap 2: Week 26-30, November 2018 **Roadmap 3: Week 10-14, December 2018** 

4.Speaker



Nader Ale Ebrahim – Dr. Nader is currently a "Research Visibility and Impact" freelancer consultant. He was working
as a visiting research fellow with the Centre for Research Services, Institute of Management and Research Services
(IPPP), University of Malaya from 2013 to November 2017. His current research interests are Open access, Research
visibility, Research Tools, and Bibliometrics. Dr. Nader is well known as the creator of "Research Tools" Box and the
developer of "Publication Marketing Tools". He has so far conducted over 330 workshops within and outside of
University of Malaya, and has published more than 100 papers and presented in several journals and conferences.

## July 2016 Top 100 Technology Experts to Follow on Twitter



## JANUARY 2017 TOP 100 TECHNOLOGY EXPERTS TO FOLLOW ON TWITTER

**Forbes** 

THE GLOBE AND MAIL FOX Inc. Mashable The Young The Congrats! You made the Top 100

TECHNOLOGY EXPERTS TO FOLLOW FOR JANUARY 2017.

EVANCARMICHAEL.COM 
#11) @aleebrahim - Nader Ale Ebrahim (Up from #19)

#12) @wpengine - WP Engine

#13) @wintelkiller - wintelkiller (Down from #11)



#### **Effective Strategies for Increasing Citation Frequency**

Journal Reputation and Impact: publishing a paper in a journal based on disciplinary reputatation or with a high impact factor is the most well known way of getting your paper cited. But there are many other things a scholar can do to promote his or her work and make it easy for others to find.

**Utilize Open Access Tools**: Open Access journals tend to be cited more than non open access. Deposit your paper in a repository such as Scholars Archive here on campus or a disciplinary repository. Share your detailed research data in a repository.

**Standarize Identifying Info**: try to use the same name throughout your career as well as the name of your affiliated insitution. Using common "official" names will allow for consistency and easy retrieval of your work by author or affiliation.

**Bring Colleagues on Board**: team-authored articles are cited more frequently, as does publishing with international authors. Working cross-or inter-disciplinarily helps as well.

**Beef Up That Paper**: use more references, publish a longer paper. Also papers which are published elsewhere after having been rejected are cited more frequently.

Beyond Peer-Reviewed Original Research: Write a review paper. Present a working paper. Write and disseminate web-based tutorials on your topic.

Search Optimization: use keywords in the abstract and assign them to the manuscript. Use descriptive titles that utilize the obvious terms searchers would use to look for your topic, avoiding questions in the title. Select a journal that is indexed in the key library databases for your field

Market Yourself: create a key phrase that describes your research career and use it. Update your professional web page and publication lists frequently. Link to your latest and greatest article in your professional email signature file.

Utilize Social Media: Use author profiles such as ResearcherID and ORCID. Contribute to Wikipedia, start a blog and/or podcast, join academic social media sites.

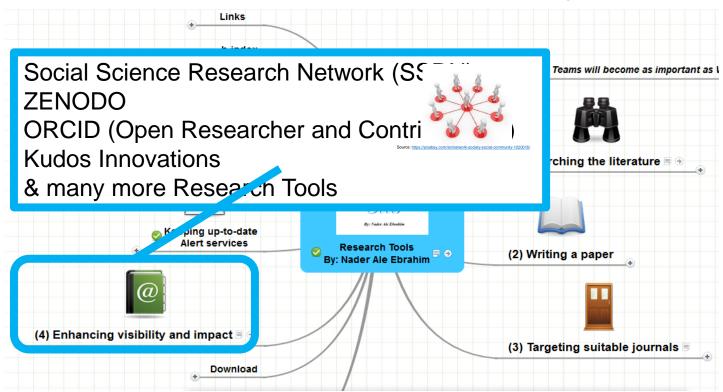
From: Ebrahim, N.A., et al. (2013). Effective strategies for increasing citation frequency. International Education Studies, 6(11), 93-99. doi:10.5539/ies.v6n11p93

Research Tools Mind Map



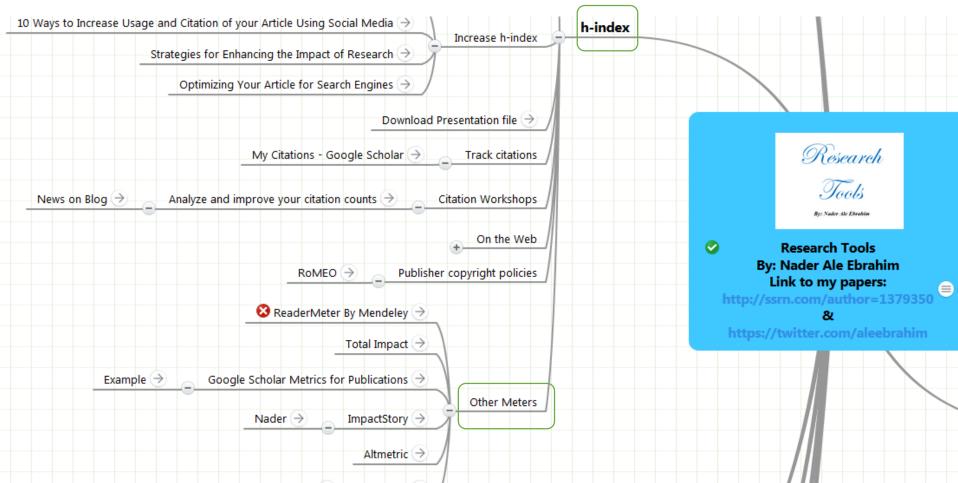
Impact ©2018-2019 Dr. Nader Ale Ebrahim

## Research Tools Mind Map



New Tools for Measuring Research Impact ©2018-2019 Dr. Nader Ale Ebrahim

## Research Tools Mind Map -> h-index -> Other Meters



## Research Impact Guide

Source: <a href="http://subjectguides.library.unsw.edu.au/researchimpact">http://subjectguides.library.unsw.edu.au/researchimpact</a>





### Research Evaluation Metrics

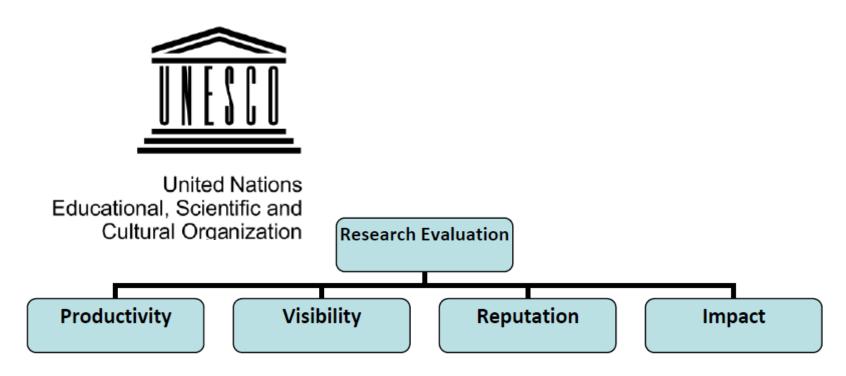
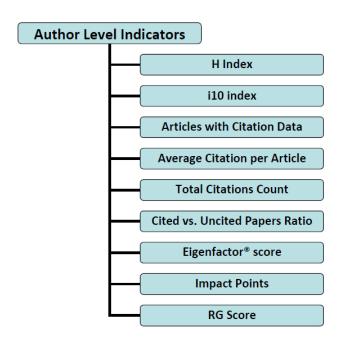


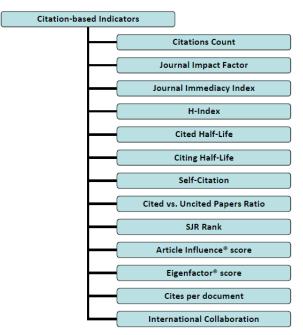
Figure 1: Dimensions of Research Evaluation

## Conventional tools for measuring academic performance

Author Level Indicators
 Most Useful Citation-

 Most Useful Citationbased Indicators





Source: Das, Anup Kumar. *Introduction to Research Evaluation Metrics and Related Indicators.*, 2015 In: Open Access for Researchers, Module 4: Research Evaluation Metrics. UNESCO, Paris, pp. 1-18. [Book chapter]

# New tools for measuring academic performance

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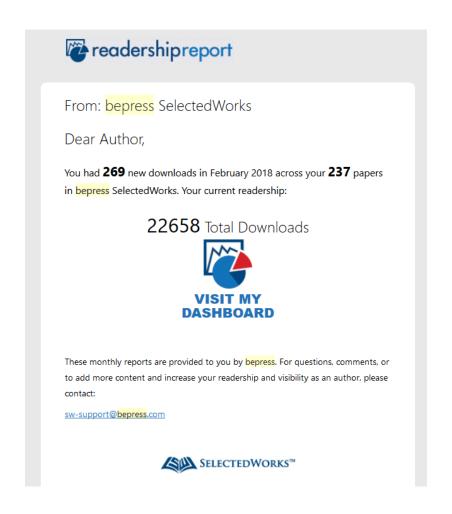
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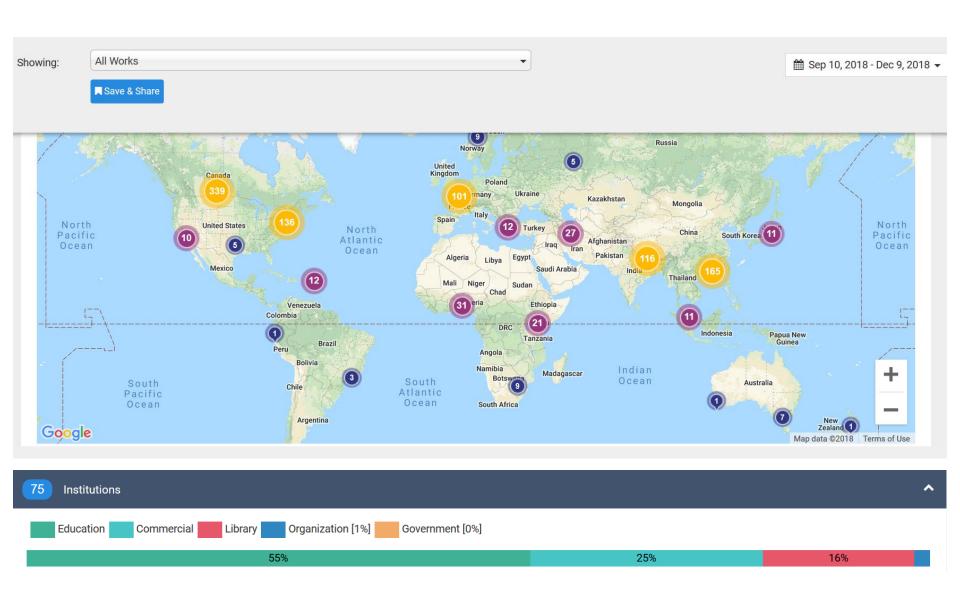
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## Top 10 authors with the highest profile view counts on ResearchGate

Table 11. Top 10 authors with the highest profile view counts on ResearchGate (9<sup>th</sup> of November, 2015), compared to the same indicator on the 10<sup>th</sup> of September, 2015.

	SEPTEMBER 10 <sup>th</sup>	NOVEMBER 9 <sup>th</sup>	
AUTHOR	(2015)	(2015)	MISMATCH
NAME	PROFILE	PROFILE	(%)
	VIEWS	VIEW	
Nader Ale Ebrahim	19,821	13,281	67.00
Chaomei Chen	7,760	3,937	50.73
Loet Leydesdorff	4,227	1,758	41.59
Bakthavachalam Elango	2,883	1,756	60.91
Zaida Chinchilla	5,840	1,569	26.87
Mike Thelwall	4,297	1,568	36.49
Lutz Bornmann	3,129	1,439	45.99
Wolfgang Glänzel	3,012	1,301	43.19
Kevin Boyack	3,256	1,135	34.86
Peter Ingwersen	2,335	1,025	43.90

Source: Martín-Martín, A., Orduna-Malea, E., Ayllón, J. M., & López-Cózar, E. D. (2016). The counting house, measuring those who count: Presence of Bibliometrics, Scientometrics, Informetrics, Webometrics and Altmetrics in Google Scholar Citations, ResearcherID, ResearchGate, Mendeley, & Twitter. EC3 Reseach Group: Evaluación de la Ciencia y de la Comunicación Científica Universidad de Granada and Universidad Politécnica de Valencia (Spain), In Progress,. doi:10.13140/RG.2.1.4814.4402

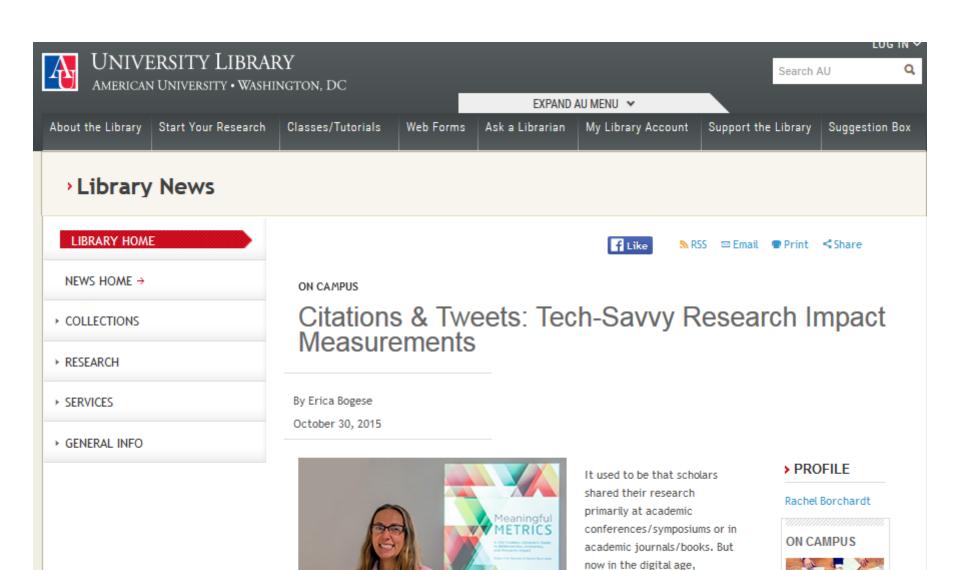
#### QUICK GUIDE: HOW TO INCREASE THE VISIBILITY AND ACADEMIC IMPACT OF YOUR RESEARCH

#### 5.2 Use social media tools

There are several social networking sites designed for academics. They provide a forum for disseminating your research, promoting discussion of your work, sharing scientific information and forming new collaborations. Social networks are a good supplement for your institutional/personal web site or blog as they allow you to quickly communicate to your network that e.g. a new article has been published. You can communicate information about your research via **ResearchGate**, **Academia.edu**, **Twitter**, **Facebook** or **LinkedIn**. Being a micro-blogging service that uses short 140-character messages (tweets), Twitter is a quick and easy to use tool for sharing information about research, engaging in conversations with others and sharing links to your papers and presentations. Creating profiles on one or more of these sites make you and your research more discoverable. Sign up for social networking sites to increase your visibility and connect with your colleagues!

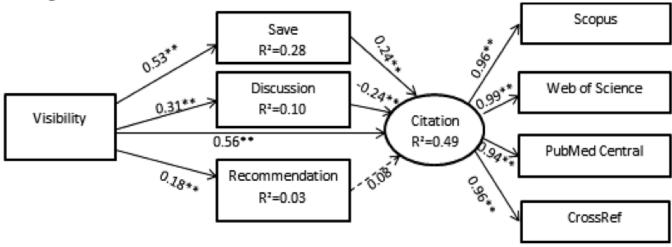
Source: http://www.harzing.com/download/impactguide.pdf





academic conversations are as likely to be found on Twitter or Facebook. Path analysis of the relationship between visibility and citation: the mediating roles of save, discussion, and recommendation metrics

Ale Ebrahim et al. (2014) believe that increased accessibility of an article through search engines can improve its citation rate.



\*\*P< 0.0001

Fig. 2 Testing the model for the impact of visibility on citation with save, discussion and recommendation as mediators

Source: Ebrahimy, S., Mehrad, J., Setareh, F., & Hosseinchari, M. (2016). Path analysis of the relationship between visibility and citation: the mediating roles of save, discussion, and recommendation metrics. *Scientometrics* 1-14. doi:10.1007/s11192-016-2130-z



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

Created by researchers

Created by the public

Created by researchers

Indicating future scientific impact?

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

### "Alternative Metrics" Tools

- Altmetric.com
- Impactstory.org
- Plumanalytics.com
- PLoS Article-Level Metrics
- Usage Count (webofknowledge.com)
- Bookmetrix (<a href="http://www.bookmetrix.com">http://www.bookmetrix.com</a>)
- Article Metrics in Scopus













 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.

Source: http://www.swansea.ac.uk/iss/researchsupport/metrics/altmetrics/

### Major trends in knowledge management research: a bibliometric study



Altmetric Explorer < reports@altmetric.com> To: al e ebrahim@yahoo.com



Sep 25, 2017 at 1:37 PM



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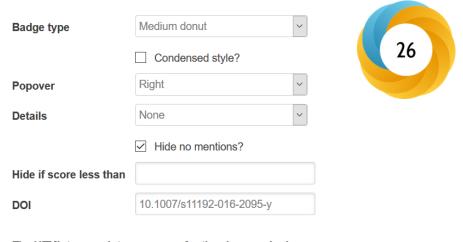
Any other questions, comments or suggestions? You can reach us directly at support@altmetric.com

## Evaluating the academic trend of RFID technology based on SCI and SSCI publications from 2001 to 2014



## Measure your own Altmetric score

#### **Build your own**



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#### Some examples



### Steven | Davis University of California, Irvine | Dept. of Earth System Science

Satisfying global demand for energy, food, and goods without emitting  $CO_2$  to the atmosphere is a central challenge of the 21st century. My research is aimed at understanding the scale of that challenge and finding ways to meet it.



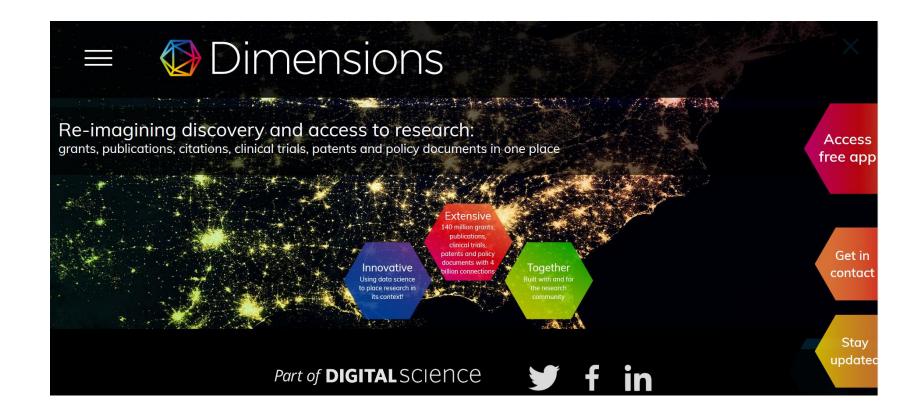
**FILTERS** 

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PUBLICATIONS 98,715,992

GRANTS 4,239,950 PATENTS 37,633,844

CLINICAL TRIALS 441,075 POLICY DOCUMENTS 383,992







What is this page?



#### Physical Activity and Aging Research: A Bibliometric Analysis.

Publication Article in Journal of Aging and Physical Activity

Andre Matthias Müller, Payam Ansari, Nader Ale Ebrahim, Selina Khoo

View on publisher site 2

Citations

Citing research categories

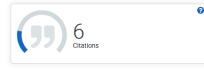


This is the public page for a publication record in Dimensions, a free research insights platform that brings together information about funding, scholarly outputs, policy, patents and grants.

This publication in Journal of Aging and Physical Activity has been cited 6 times.

Compared to other publications in the same field, and has received approximately 2.17 times more citations than average.

View more details in Dimensions &







Publication - Article

#### Physical Activity and Aging Research: A Bibliometric Analysis.

Journal of Aging and Physical Activity, 24(3), 476-83, 2016 https://doi.org/10.1123/japa.2015-0188 >

#### Authors

Andre Matthias Müller - University of Malaya

Payam Ansari

Nader Ale Ebrahim

Selina Khoo

1 less

#### Abstract

Physical activity and aging research has burgeoned in the past few decades. However, despite the increase in scholarly publications, no attempts have been made to summarize the publication landscape and identify work that has had great impact on 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 9,935 publications, most were published after 2007 and almost 60% were in the category of geriatrics and gerontology or sport sciences. Highly cited publications (n = 45) were mostly authored by researchers from US institutions and were quantitative in



#### Publication metrics **Dimensions Badge**

About



Total citations Recent citations 4

2.17 Field Citation Ratio 0.7 Relative Citation Ratio

#### **Altmetric**











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

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### Impactstory



#### 

University of Malaya Visiting Research Fellow

**★**2 **&**4 **6**2

OVERVIEW

**ACHIEVEMENTS** 

MENTIONS

#### **ACHIEVEMENTS**

view all



#### Global Reach 82

Your research has been discussed in 15 countries. That's high: only 17% of researchers have their work as widely discussed.

Your tweeters come from Austria, Brazil, Canada and 12 more.



#### Open Sesame 98

You've published 60% of your research in gold open access venues. This level of openness is matched by only 2% of researchers.

#### **MENTIONS**

online mentions

#### **PUBLICATIONS**

☐ Virtual R&D Teams: A New Model for Product Development 2015 International Journal of Innovation

25 🔰

A comparison between two main academic literatu of science and scopus databases 2013 Asian Social Science

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### i Impactstory





**OVERVIEW** 

**ACHIEVEMENTS** 

TIMELINE

**PUBLICATIONS** 

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view all



#### Open Hero Top 10%

Every single one of your papers is free to read online. Wow! That's a level of access only 2% of other researchers achieve. Open access <u>helps real</u> <u>people</u>, and that's pretty heroic.



Global Reach Ton 25%

#### TIMELINE

3411 Online mentions over 2 years

7

0

145 77

#### **PUBLICATIONS**

 Selection of brand name, area of expertise and best suited keywords
 2017 Home / Antony Williams





## **Antony Williams**

Connections in Chemistry

In LinkedIn, & ScientistDB, & ChemConnector Blog,

- 🔰 Twitter, 🚾 about.me, 묈 Google Scholar, 🏈 Microsoft Academic Search,
- Impact Story, W Wikipedia, W SlideShare, YouTube, Mendeley,
- PROskore, 
   ResearchGate, 
   amazon.com, 

  ✓ Vizify, visualize.me,
- Pinterest, (DORCID, Vimeo



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





## PlumX Metrics



USAGE (views, downloads)



**CAPTURES** (bookmarks, favorites, readers)



MENTIONS (Wikipedia, comments, blogs)



SOGAL MEDIA (Fa cebook likes, shares, tweets)

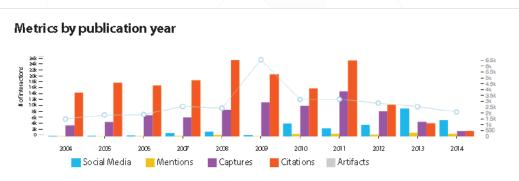


CITATIONS (Scopus, patents)

## **Analyze**

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

- Researcher
- Grant
- Department
- Journal



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.

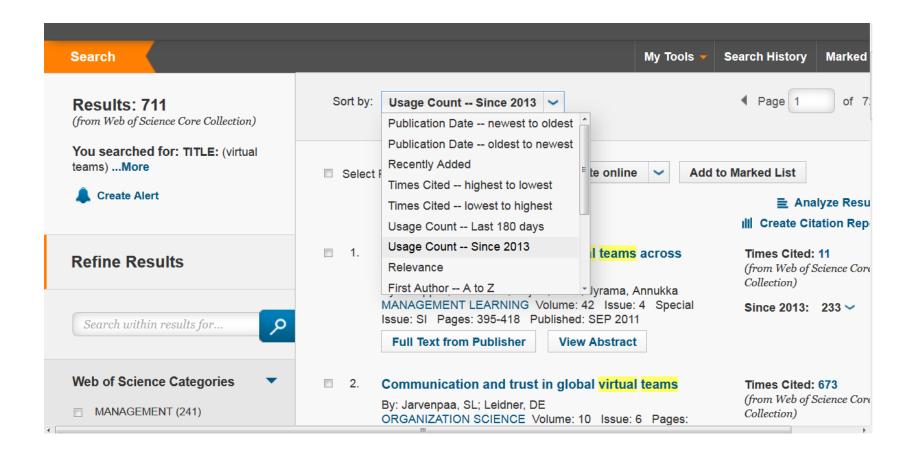
# Public Library of Science (PLOS) Article-Level Metrics (ALMs)

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:

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

Source: http://www.lagotto.io/plos/

# Usage Count



# Elsevier journals <u>Top downloaded OA articles</u>

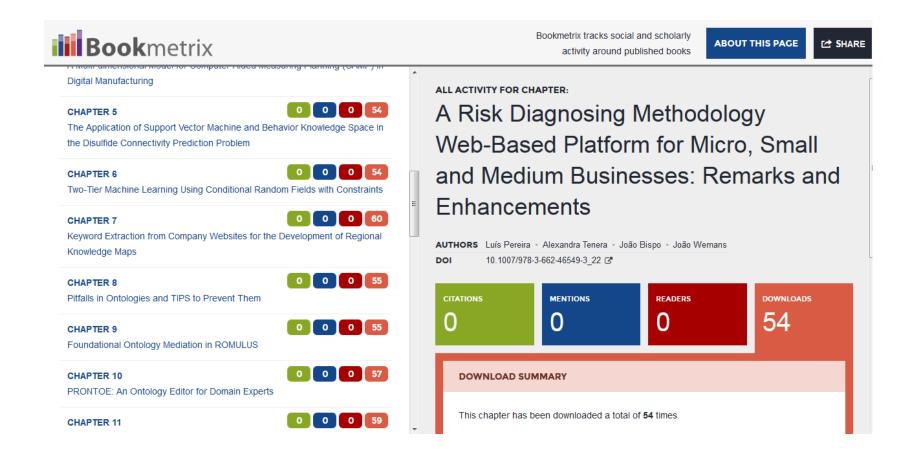
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  - o Forest Science
  - Plant Science
  - Soil Science
- Aquatic Sciences
  - o Marine and Freshwater Biology
  - Oceanography
  - Water Resources
- Chemistry
  - Analytical Chemistry
  - Colloids
  - Electrochemistry
  - Inorganic Chemistry
  - o Organic Chemistry
  - o Physical and Theoretical Chemistry
  - Spectroscopy
- Computer Science
  - Artificial Intelligence
  - o Computer Science for Engineering
  - Microelectronics and Hardware

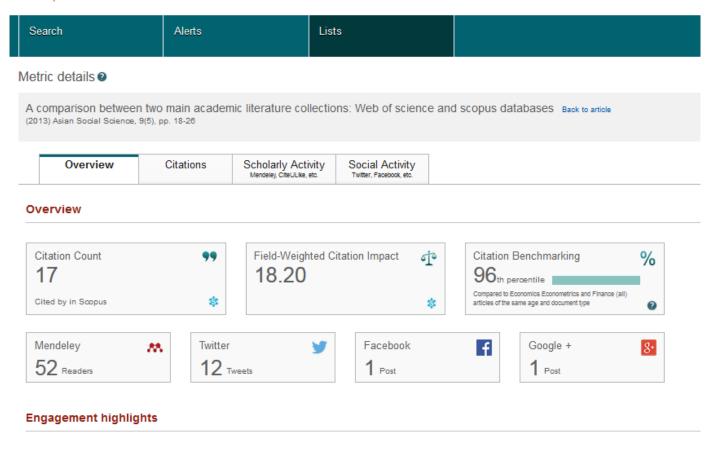
# Bookmetrix - Springer



## **Article Metrics in Scopus**

A comparison between two main academic literature collections: Web of science and SCOPUS databases (2013) Asian Social Science, 9(5), pp. 18-26

### Scopus



# <u>Kudos</u>



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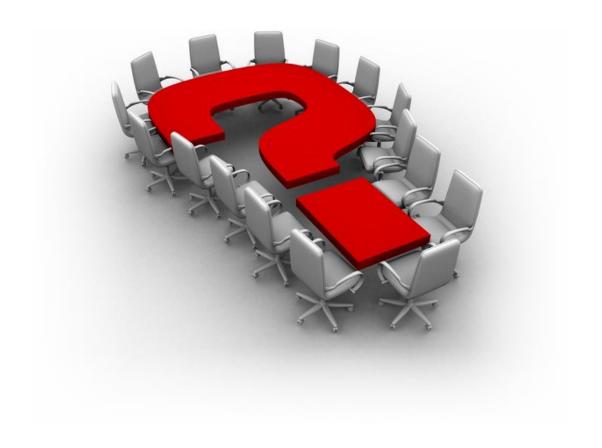
Keep up the good work!

The Kudos Team

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Source: http://wiki.lib.sun.ac.za/index.php/SUNScholar/Research Article Metrics





# Thank you!

E-mail: aleebrahim@Gmail.com

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

All of my presentations are available online at: <a href="https://figshare.com/authors/Nader\_Ale\_Ebrahim/100797">https://figshare.com/authors/Nader\_Ale\_Ebrahim/100797</a>



## References

- 1. Das, Anup Kumar . *Introduction to Research Evaluation Metrics and Related Indicators.*, 2015 In: Open Access for Researchers, Module 4: <u>Research Evaluation Metrics</u>. UNESCO, Paris, pp. 1-18. [Book chapter]
- 2. Ball, P. (2005). Index aims for fair ranking of scientists. Nature 436(7053), 900-900.
- 3. Martín-Martín, A., Orduna-Malea, E., Ayllón, J. M., & López-Cózar, E. D. (2016). The counting house, measuring those who count: Presence of Bibliometrics, Scientometrics, Informetrics, Webometrics and Altmetrics in Google Scholar Citations, ResearcherID, ResearchGate, Mendeley, & Twitter. EC3 Reseach Group: Evaluación de la Cien
- 4. Ebrahimy, S., Mehrad, J., Setareh, F., & Hosseinchari, M. (2016). Path analysis of the relationship between visibility and citation: the mediating roles of save, discussion, and recommendation metrics. *Scientometrics* 1-14. doi:10.1007/s11192-016-2130-z
- 5. Kim Holmberg (2015) Altmetrics: Measuring the impact of scientific activities, Research Unit for the Sociology of Education, University of Turku

#### My recent publication:

- 1. Parnianifard, Amir and Azfanizam, A and Ariffin, Mohd Khairol Anuar Mohd and Ismail, Mohd Idris Shah and Ale Ebrahim, Nader, Recent Developments in Metamodel Based Robust Black-Box Simulation Optimization: An Overview (May 23, 2018). Decision Science Letters, vol. 8, no. 1, pp. 17-44. Available at SSRN: <a href="https://ssrn.com/abstract=3192794">https://ssrn.com/abstract=3192794</a>
- 2. Amoozegar, Azadeh and Khodabandelou, Rouhollah and Ale Ebrahim, Nader, Major Trends in Distance Education Research: A Combination of Bibliometric and Thematic Analyze (April 25, 2018). International Journal of Information Research and Review, vol. 5, no. 2, pp. 5352-5359. Available at SSRN: https://ssrn.com/abstract=3173980
- 3. Jamali, Seyedh Mahboobeh and Md Zain, Ahmad Nurulazam and Samsudin, Mohd Ali and Ale Ebrahim, Nader, Self-Efficacy, Scientific Reasoning, and Learning Achievement in the STEM PjBL Literature (August 12, 2017). International Postgraduate Conference on Research in Education (IPCoRE 2017), School of Educational Studies, Universiti Sains Malaysia (USM), Penang, Malaysia. Available at SSRN: <a href="https://ssrn.com/abstract=3067209">https://ssrn.com/abstract=3067209</a>
- 4. Jamali, Seyedh Mahboobeh and Md Zain, Ahmad Nurulazam and Samsudin, Mohd Ali and Ale Ebrahim, Nader, Self-Efficacy, Scientific Reasoning, and Learning Achievement in the STEM Project-Based Learning Literature (November 1, 2017). The Journal of Nusantara Studies (JONUS), vol. 2, pp. 29-43. Available at SSRN: <a href="https://ssrn.com/abstract=3101580">https://ssrn.com/abstract=3101580</a>
- 5. Ale Ebrahim, Nader and Gholizadeh, Hossein and Lugmayr, Artur, Maximized Research Impact: An Effective Strategies for Increasing Citations (December 15, 2017). Managing and Leading Creative Universities Foundations of Successful Science Management: A Hands-On Guide for (Future) Academics (pp. 29-51). Tampere, Finland: International Ambient Media Association (iAMEA); ISBN 978-952-7023-16-7. Available at SSRN: <a href="https://ssrn.com/abstract=3101575">https://ssrn.com/abstract=3101575</a>

#### My recent presentations:

- 1. Ale Ebrahim, Nader (2018): Research Tools for Collecting, Writing, Publishing and Disseminating your Research. figshare. Presentation. https://doi.org/10.6084/m9.figshare.5877934.v1
- 2. Ale Ebrahim, Nader (2017): Select a Research Brand Name. figshare. Presentation. https://doi.org/10.6084/m9.figshare.5552869.v1
- 3. Ale Ebrahim, Nader (2017): Bibliometrics analysis for selecting the best field of study. figshare. Presentation. https://doi.org/10.6084/m9.figshare.5531101.v1
- 4. Ale Ebrahim, Nader (2017): Academic Social Networking Sites: Improves Research Visibility and Impact. figshare. Presentation. https://doi.org/10.6084/m9.figshare.5483785.v1
- 5. Ale Ebrahim, Nader (2017): Strategies to Enhance Research Visibility, Impact & Citations. figshare. Presentation. https://doi.org/10.6084/m9.figshare.5472847.v1