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Fall October 21, 2015

A new research impact measuring system

Nader Ale Ebrahim

Available at: https://works.bepress.com/aleebrahim/106/

UNIVERSITY OF MALAYA

The Leader in Research & Innovation

A new research impact measuring system

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

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Available online at: http://dx.doi.org/10.6084/m9.figshare.1580090

A new research impact measuring system

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

Read more: 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

Abstract

Abstract:

For years, scientists have been trying to measure the quality of scholarly work by the number of times an article is cited in other articles or the impact factor of the journal which published an article. However, citation is a lagging indicator and journal impact factor may be misleading since a Journal's citation count is usually caused by a small number of articles in that journal.

With the rise of the web as the archiving and emerging interaction platform, there is a need for new ways to measure articles and books impact. 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 application of altmetrics tools such as: Altmetric.com, Impactstory.org, Plumanalytics.com, and PLoS metrics.

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

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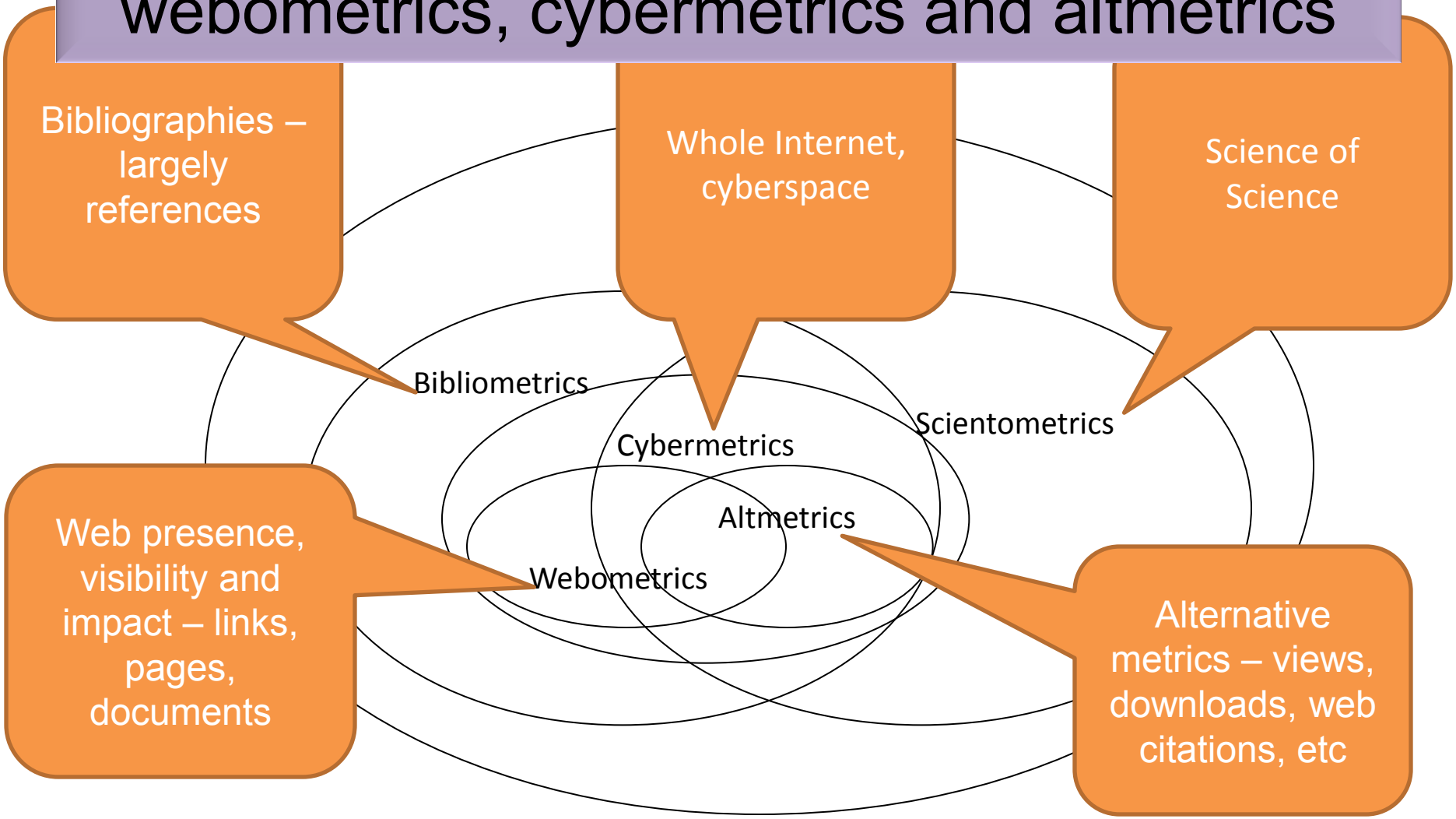
Informetrics, scientometrics, bibliometrics, webometrics, cybermetrics and altmetrics



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 publications?

Where did you publish them?

Are they Open Access?

Is the data open too?

How did you pay the APC?

Was it well received?

Did it have any impact?

Where is your Research heading?

Are you doing anything interdisciplinary?

Where is your grant money?

How many grants have you applied for so far?

How many grant applications were successful?

How are you going to sustain your grant income profile?

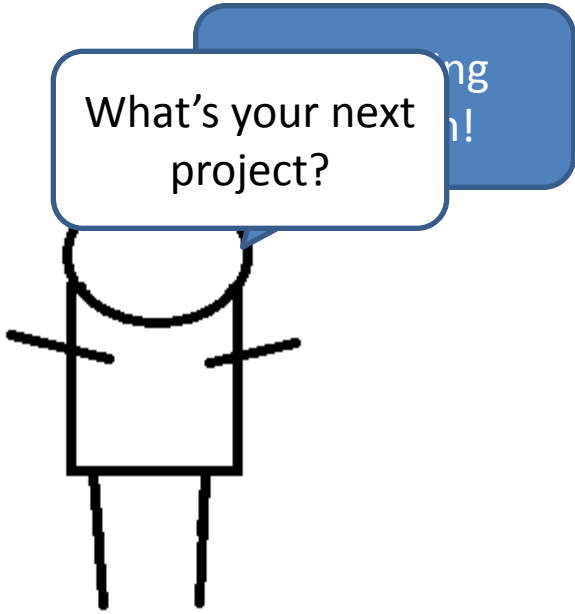
What did you do with the grant income you received?

How did you cost your overheads?

Does it have an international dimension?

Did it make a spinoff?

Did it have any Impact?



How many students are you teaching?

How many students are you supervising?

Does it have any IMPACT?

Source: Owen Roberson, Research Information Analyst (2015) Research Information and Analytics at Cambridge: Insight over measurement, Research Information Office, Academic Division

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What it's like being a researcher

What were your recent p

Where publis

Are th Acces

Is the open t

How c pay th

Was it received

Did it have any impact?

Where is your

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

Does it have an

r next

are you supervising?

Does it have any IMPACT?

WILL IT HAVE ANY IMPACT?

Source: Owen Roberson, Research Information Analyst (2015) Research Information and Analytics at Cambridge: Insight over measurement, Research Information Office, Academic Division

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

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Problems with citation-based indicators

Problem 1: **Time**
Problem 2: **Journals**
Problem 3: **Impact**

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Source: Kim Holmberg (2015) Altmetrics: Measuring the impact of scientific activities, Research Unit for the Sociology of Education, University of Turku

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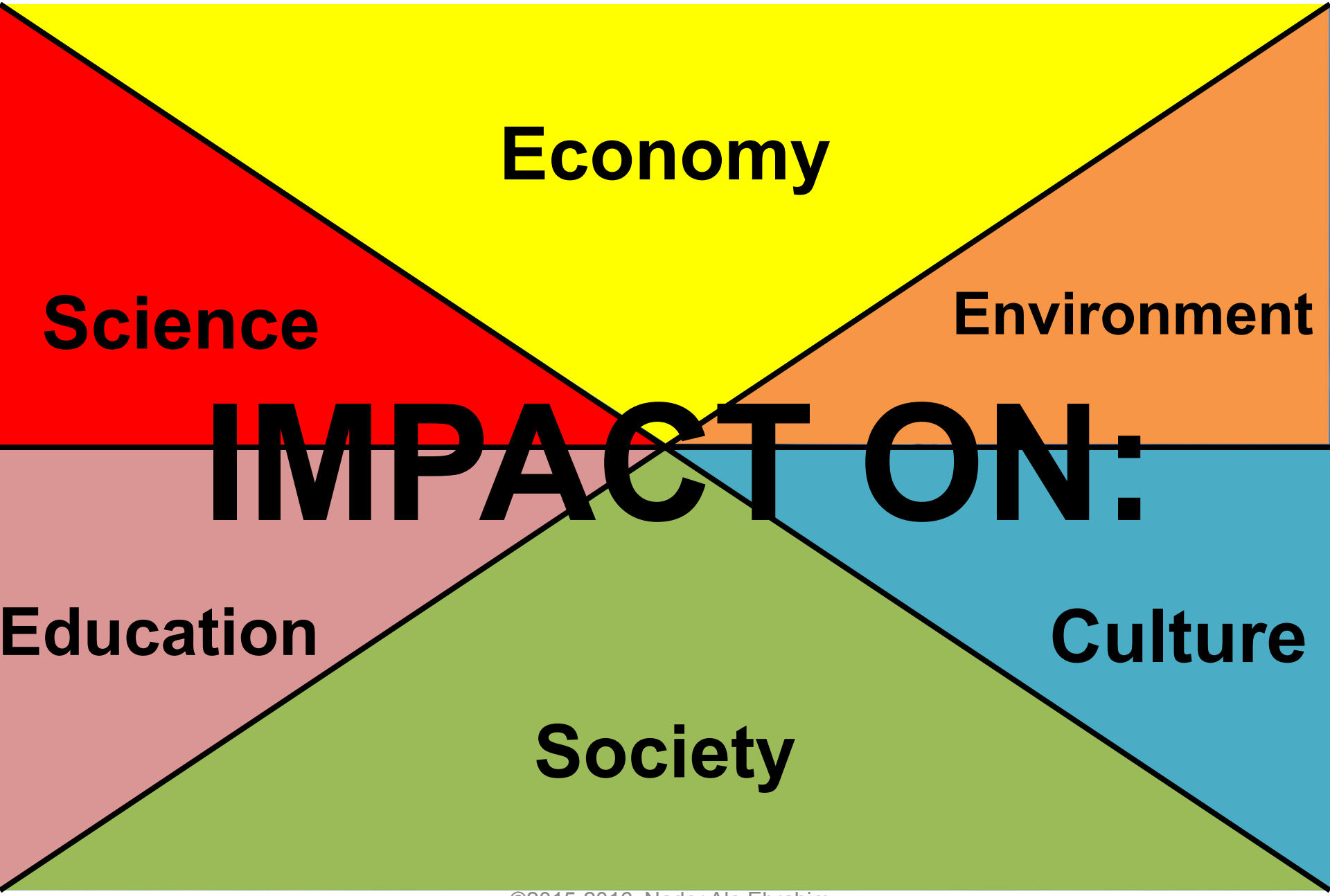
Source: Kim Holmberg (2015) Altmetrics: Measuring the impact of scientific activities, Research Unit for the Sociology of Education, University of Turku



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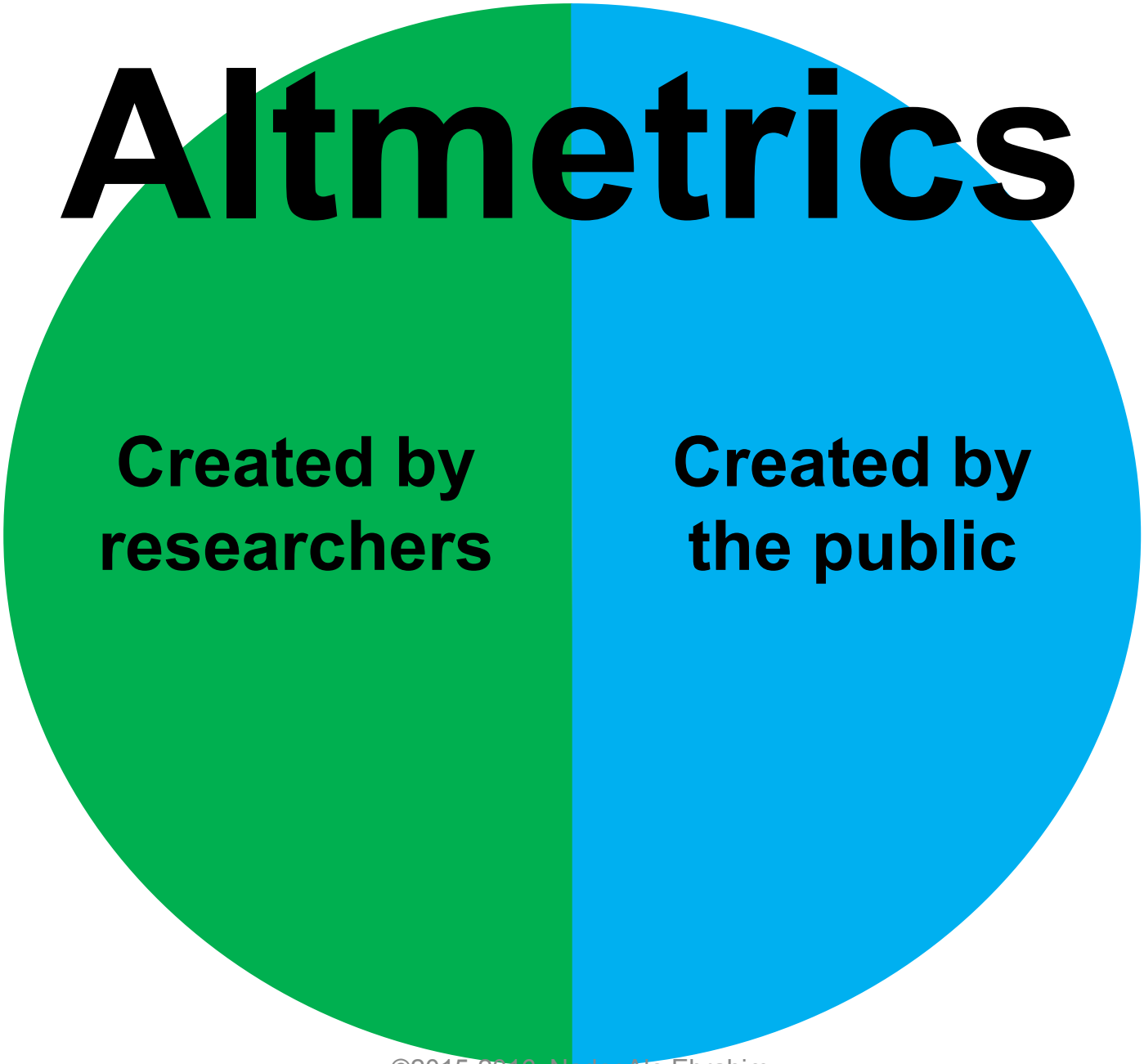
Source: Kim Holmberg (2015) Altmetrics: Measuring the impact of scientific activities, Research Unit for the Sociology of Education, University of Turku

Altmetrics



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Source: Kim Holmberg (2015) Altmetrics: Measuring the impact of scientific activities, Research Unit for the Sociology of Education, University of Turku

Altmetrics

Created by researchers

Indicating future scientific impact?

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Source: Kim Holmberg (2015) Altmetrics: Measuring the impact of scientific activities, Research Unit for the Sociology of Education, University of Turku

Altmetrics

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

Created by the public

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Source: Kim Holmberg (2015) Altmetrics: Measuring the impact of scientific activities, Research Unit for the Sociology of Education, University of Turku

Altmetrics Tools

- Altmetric.com
- Impactstory.org
- Plumanalytics.com
- PLoS metrics
- Usage Count (webofknowledge.com)
- Bookmetrix (http://www.bookmetrix.com)
- Article Metrics in Scopus

ImpactStory.

Bookmetrix

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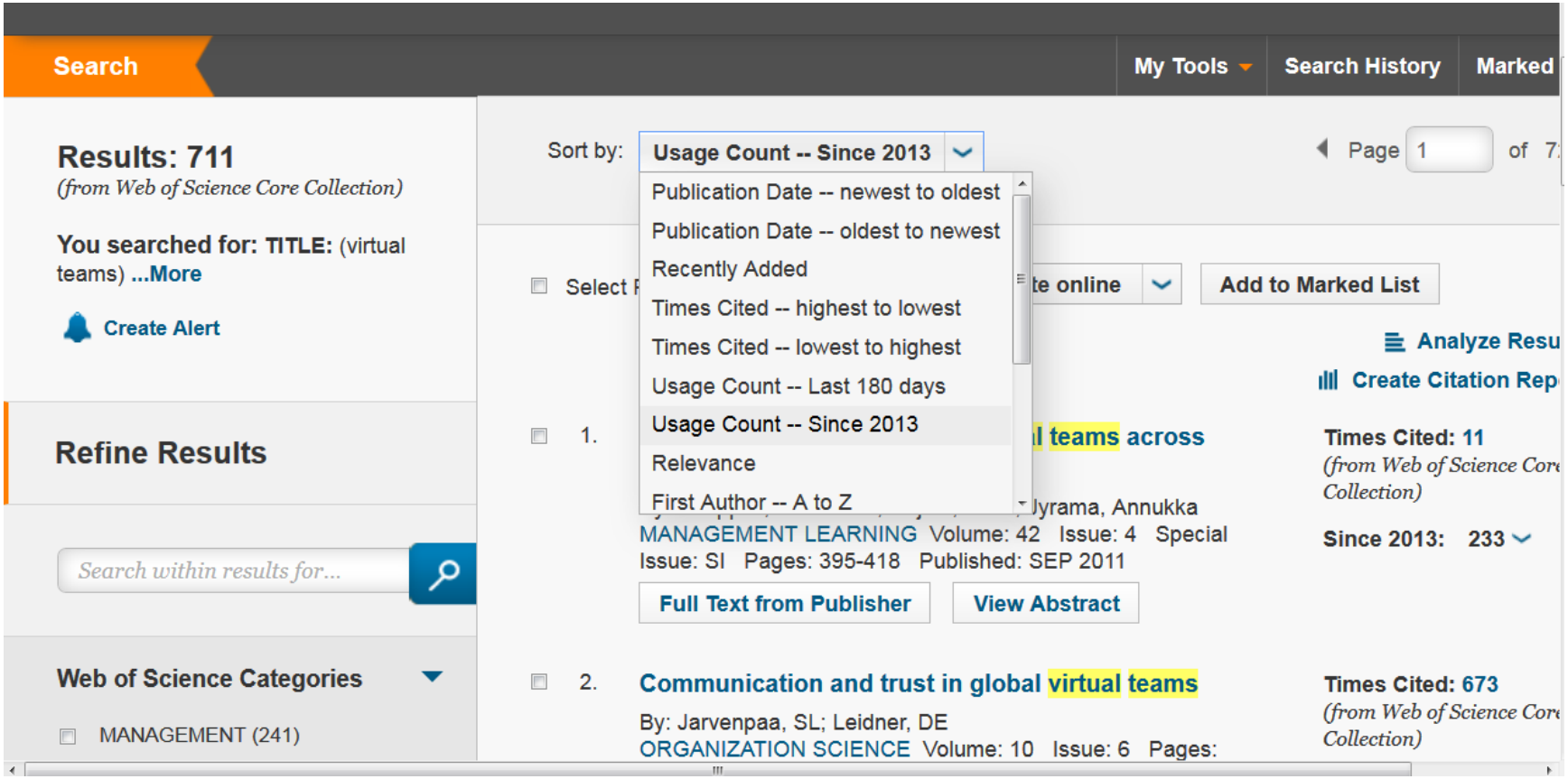
Usage Count



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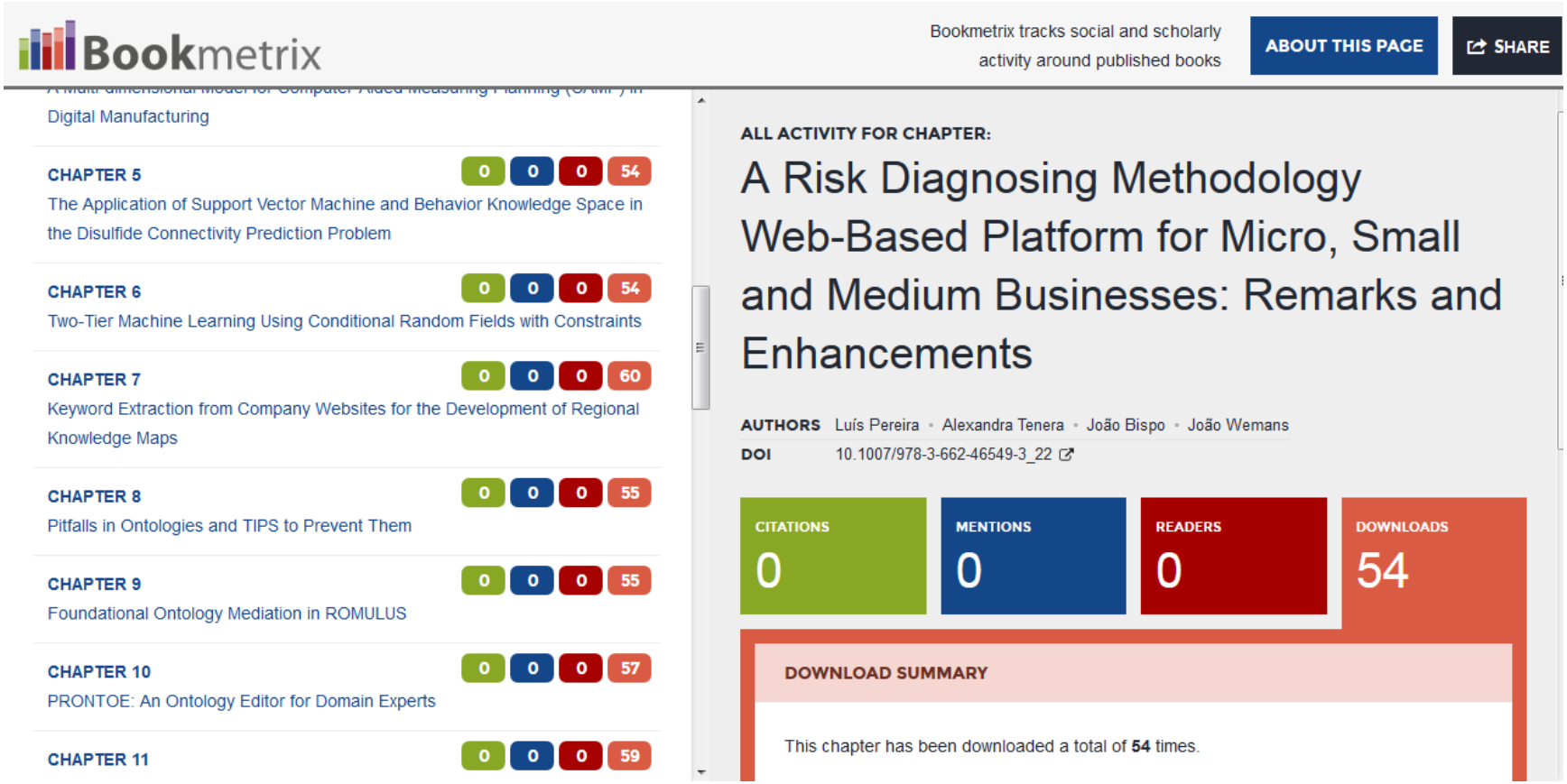
Bookmetrix - Springer



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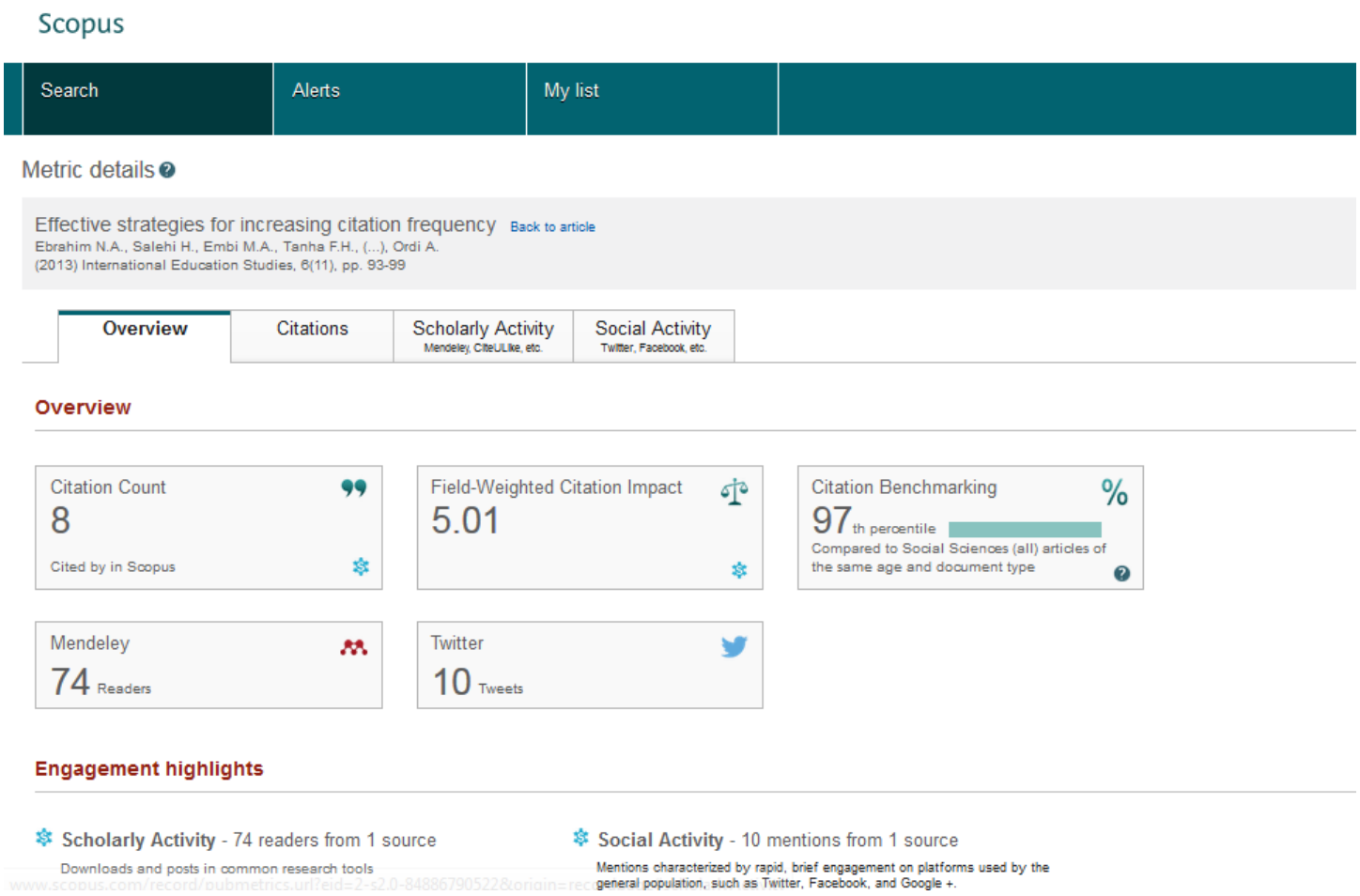
Article Metrics in Scopus



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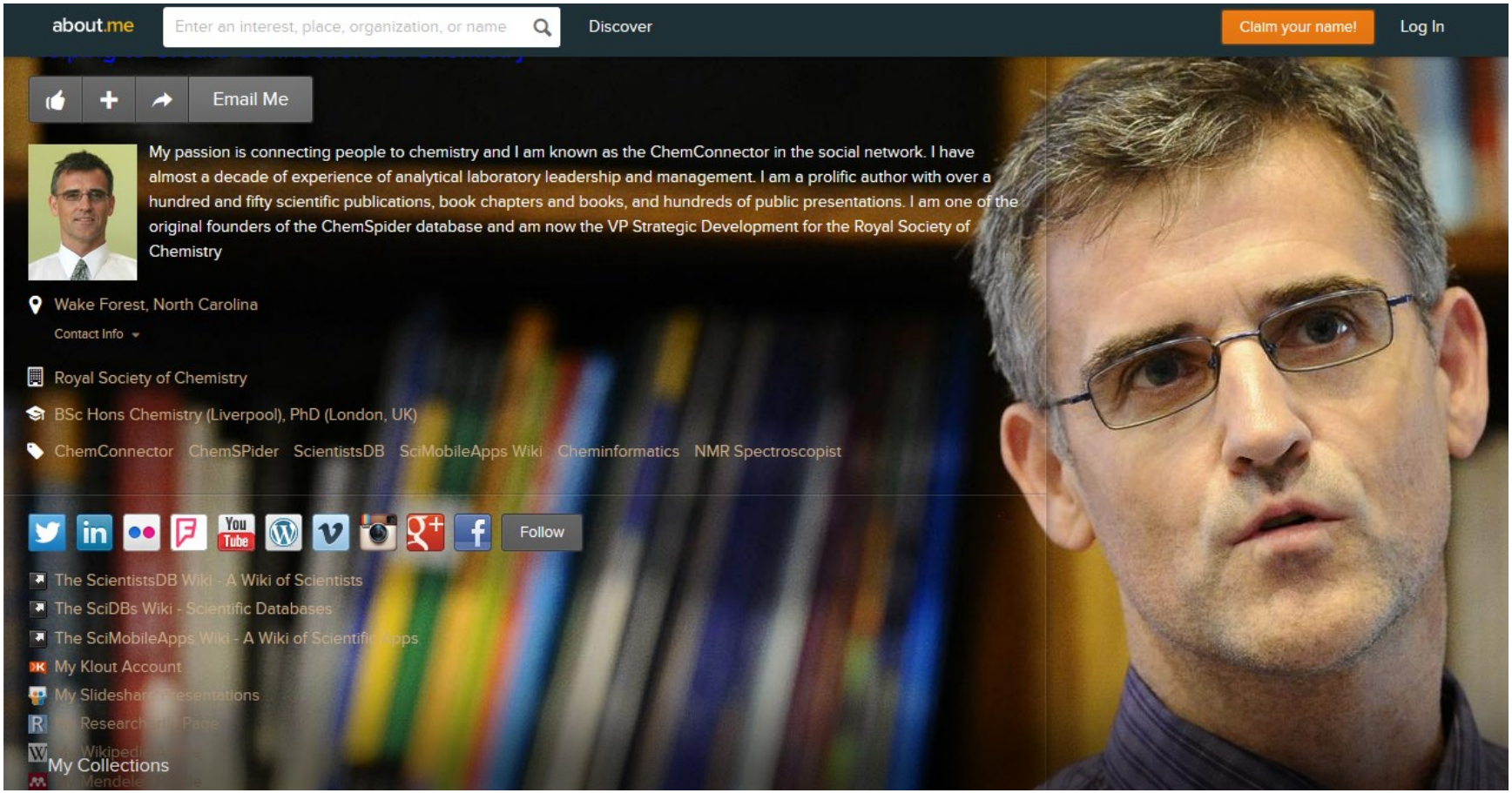
Antony John Williams



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PlumX Groups Sign in Author Search

Home / Antony Williams

Show Profile Data Embed Widget

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

Artifact Summary

284	148	38	28	13
Presentation	Article	Paper	Video	Chapters

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

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PLUMX

PLUMX Groups Sign in

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Nader Ale Ebrahim

نادر آل ابراهیم

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

35	29	25	13	3
Conference	Article	Presentation	Paper	Book

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PlumX Metrics

USAGE
(views, downloads)

CAPTURES
(bookmarks, favorites, readers)

MENTIONS
(Wikipedia, comments, blogs)

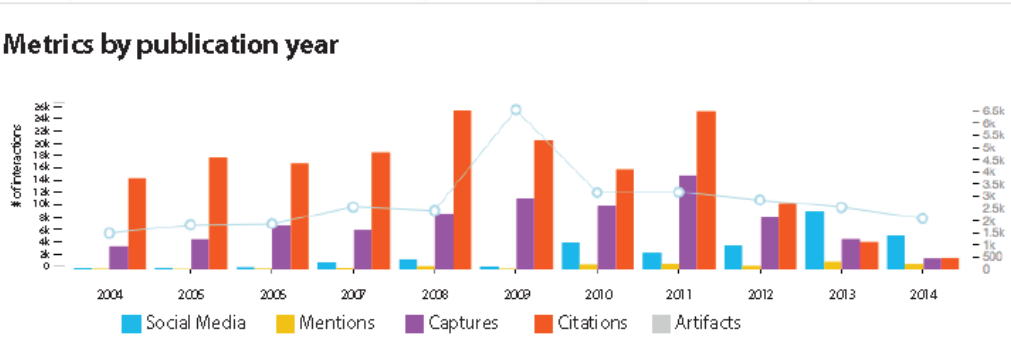
SOCIAL MEDIA
(Facebook likes, shares, tweets)

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



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.

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

Impactstory

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

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

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slides milestone

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Introduction to altmetrics and Altmetric

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altmetric.com

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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.**

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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?

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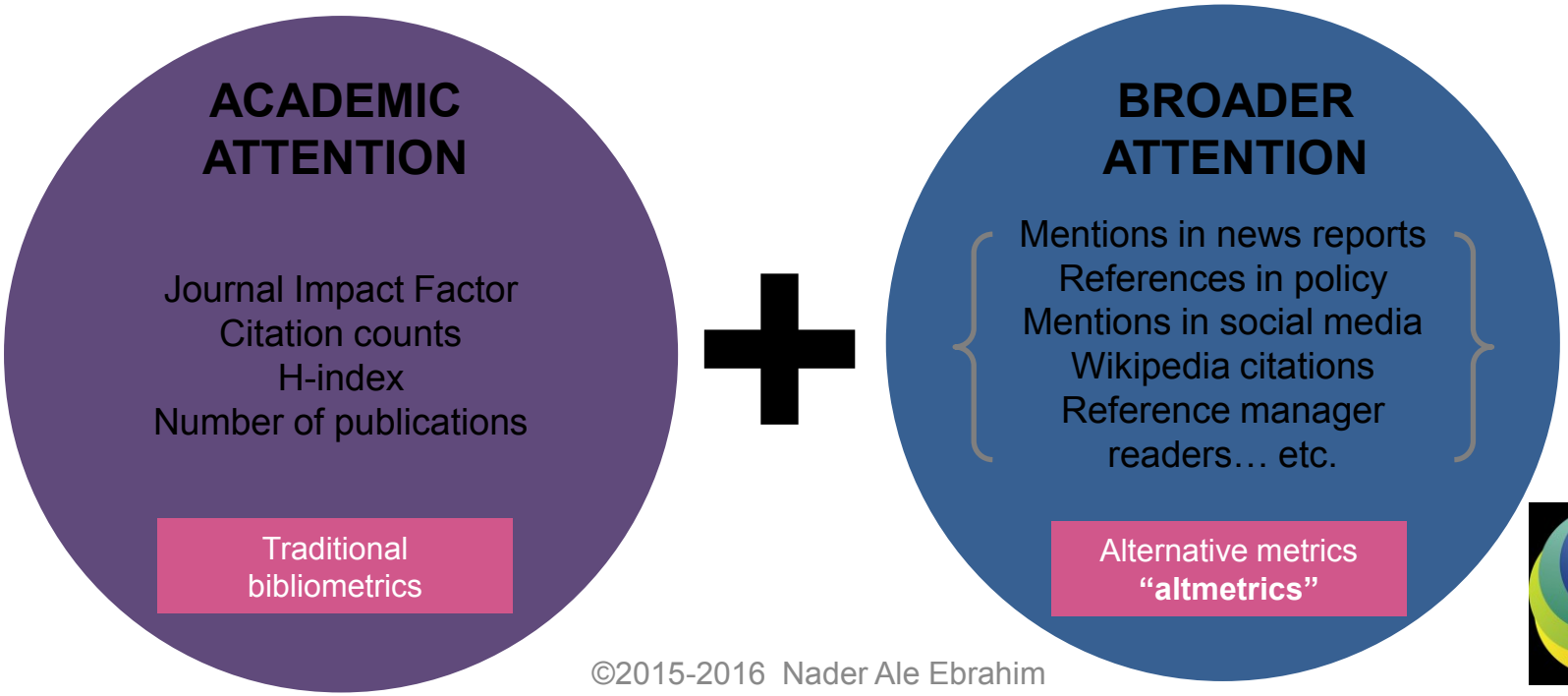
Part 1:
Introduction to Altmetrics

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



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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

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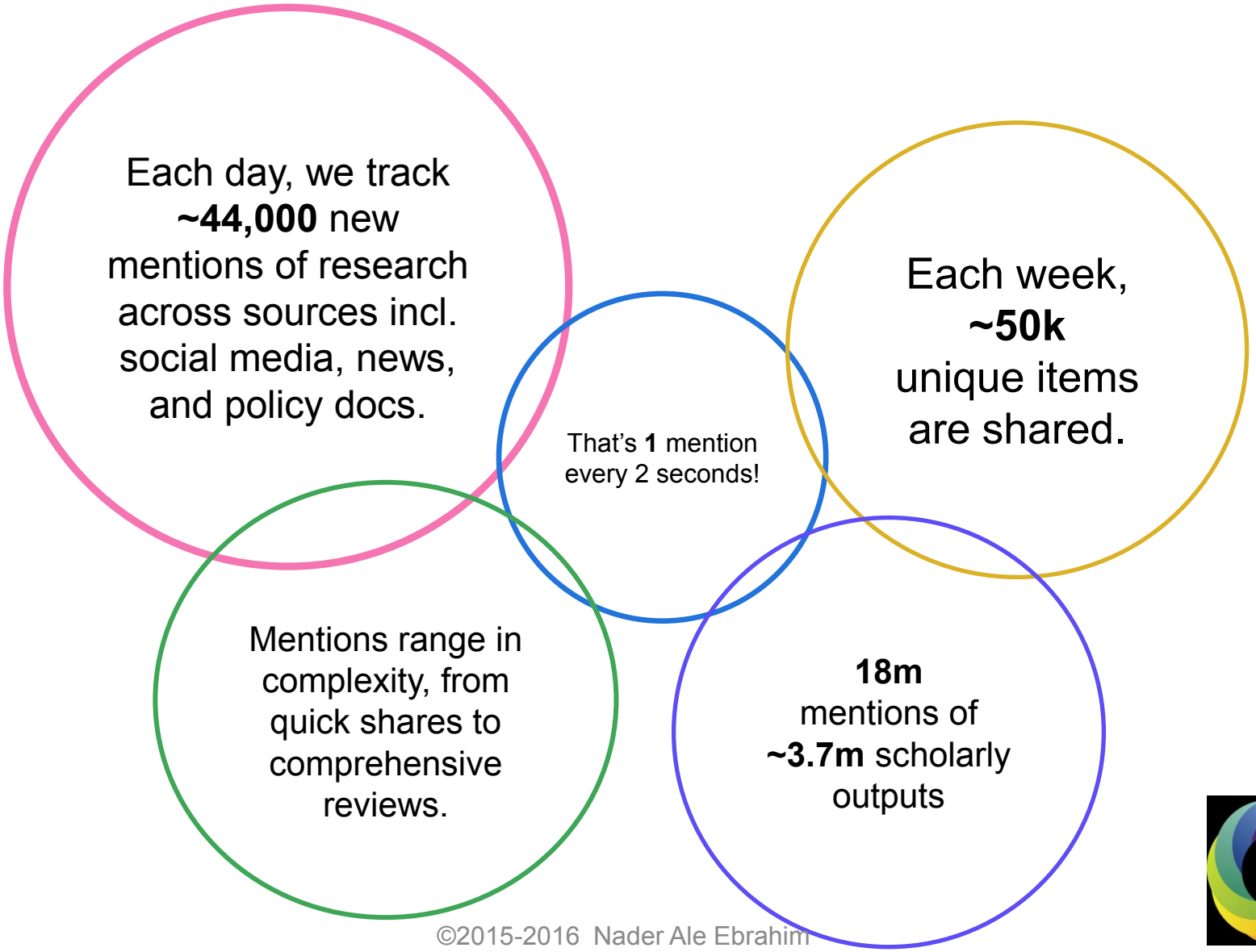
Advantages of metrics for single research outputs

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



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Altmetric data, March 2015

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 aggregate 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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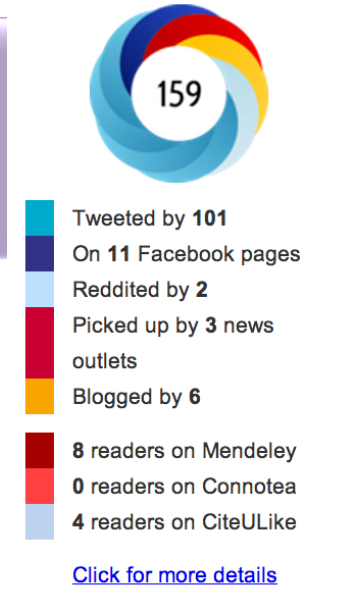
Part 2:
Altmetric Tools

The Altmetric Bookmarklet



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

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

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Virtual R&D Teams: A New Model for Product Development

INTERNATIONAL JOURNAL OF INNOVA

Home About Login Register Search Current Archives Index Sources Author fees

Home > Vol 3, No 2 (2015) > **Ebrahim**

Virtual R&D Teams: A New Model for Product Development

Nader Ale Ebrahim

Abstract

Increased global competitions have urged small and medium enterprises (SMEs) to develop new products faster. Virtual research and development (R&D) teams in SMEs can offer a solution to speed up time-to-market of new product development (NPD). However, factors that affect the effectiveness of virtual teams for NPD are still not adequately verified. This paper presents the correlations between virtual R&D team constructs and virtual team effectiveness by developing a "**Virtual Research and Development Team**" (ViR&DT) model. The items, which may influence the

Close ×

Altmetric hasn't picked up any sharing activity around this article yet.

0 readers on Mendeley

0 readers on CiteULike

Have we missed something?

Let us know at support@altmetric.com

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Search

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The Altmetric Bookmarklet

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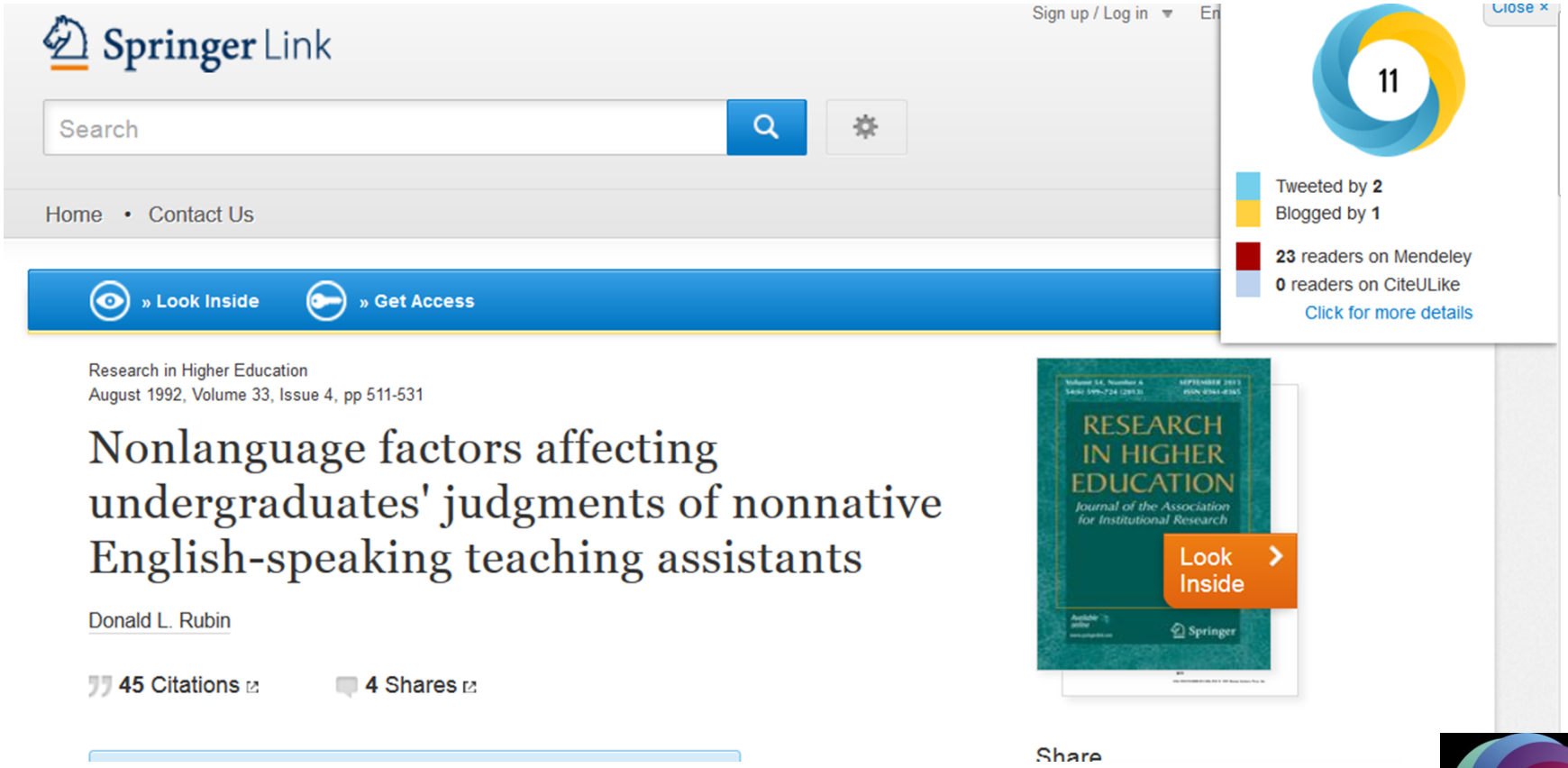
Nonlanguage factors affecting undergraduates' judgments of nonnative English-speaking teaching assistants



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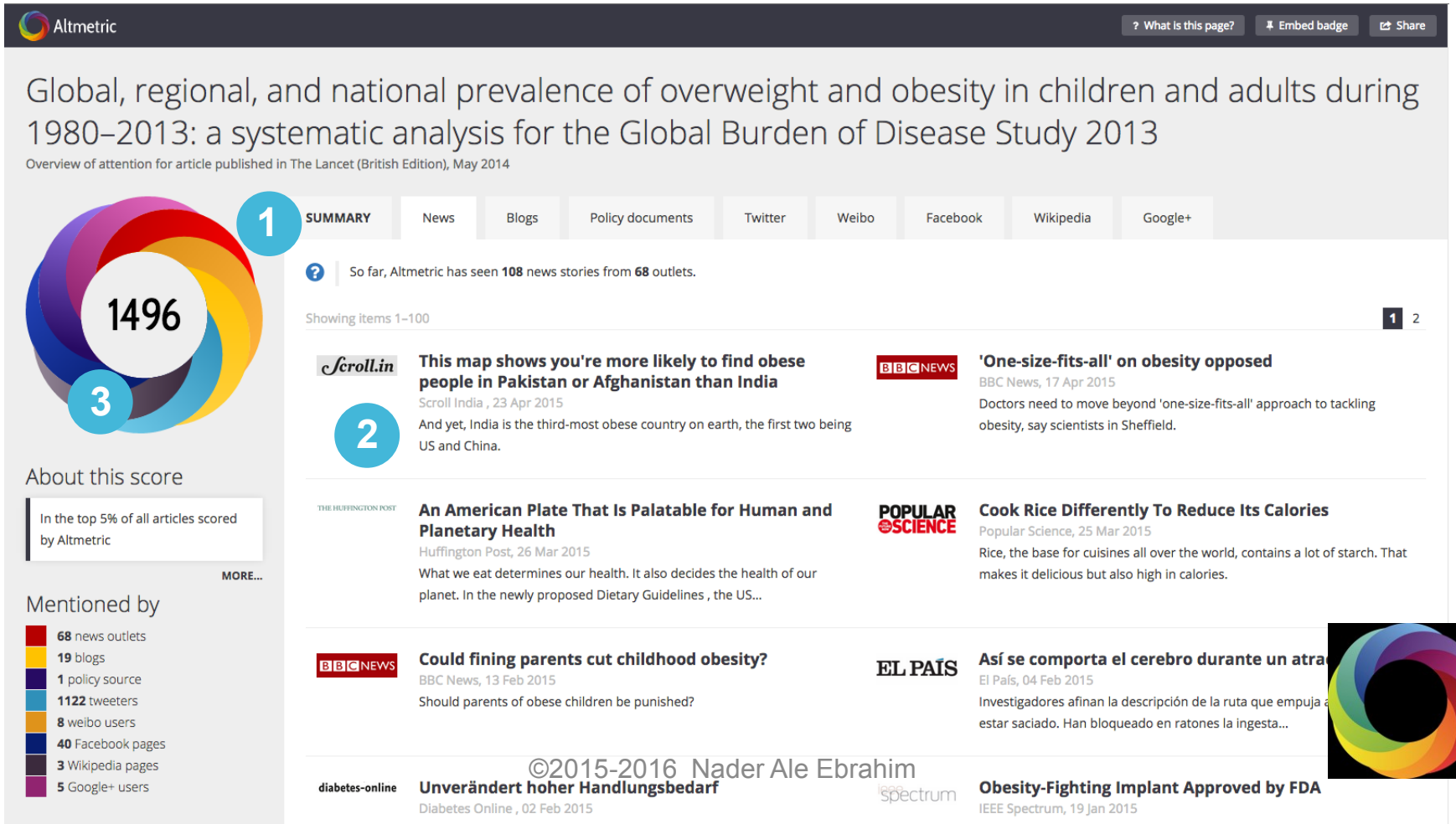
Altmetric Details Pages

1. See all the conversations and mentions.
2. Monitor mentions in the mainstream news.
3. Estimate attention with the “Altmetric score”.



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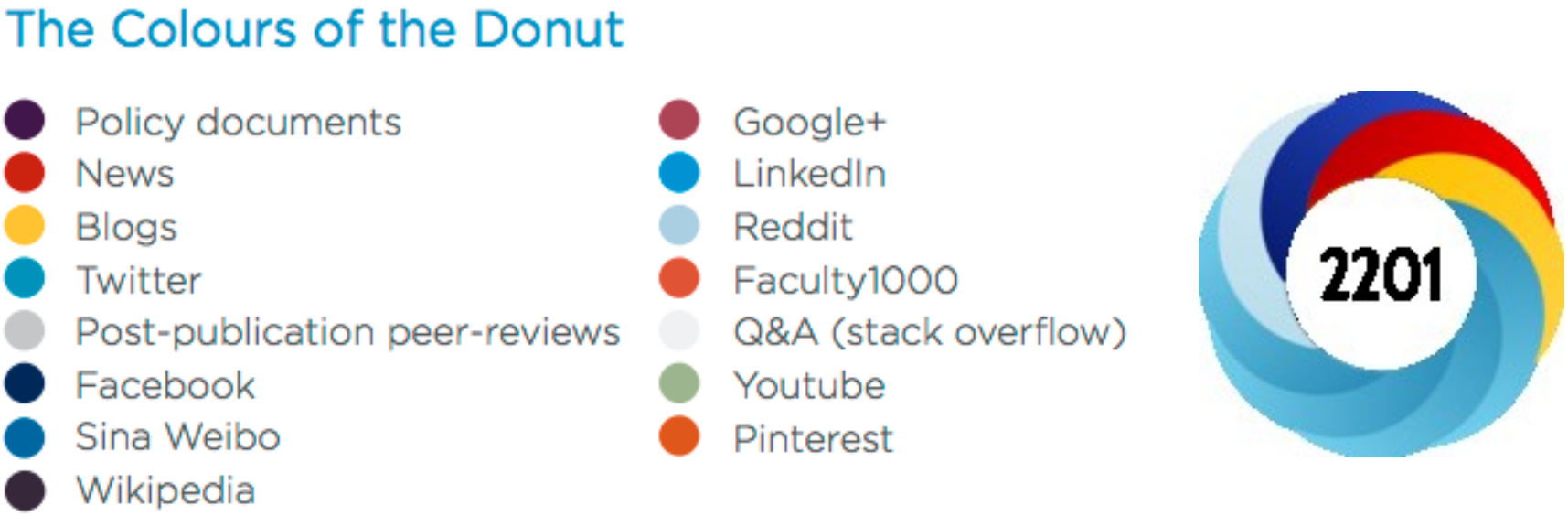
What is the Altmetric donut?

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:



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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 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/

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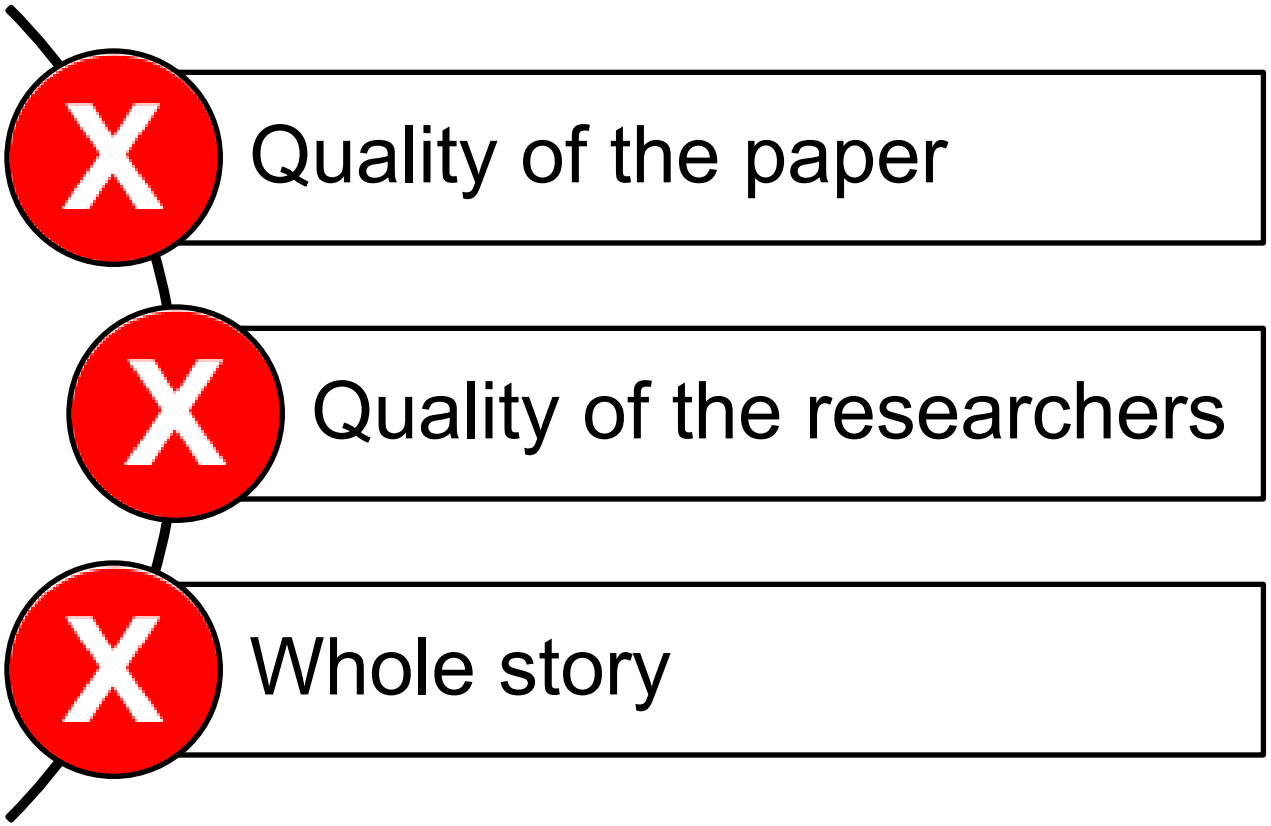
What can the data tell you?

- 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…



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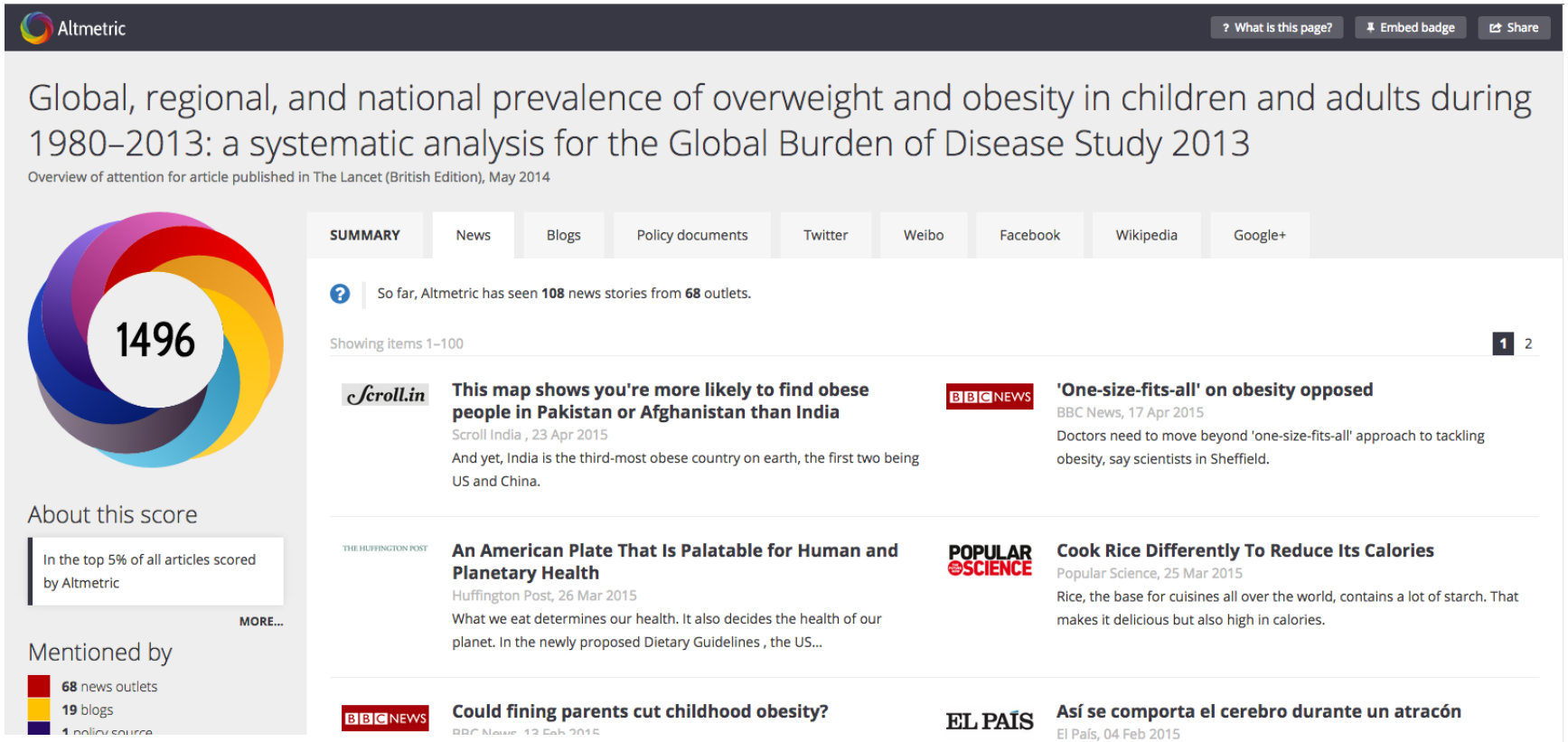
Part 3:
Altmetrics Use Cases

Uncover conversations about your research



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Set up email alerts for your output in the *Summary* tab

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.

Cochrane Library
Trusted evidence.
Informed decisions.
Better health.

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**

13

WIKIPEDIA
The Free Encyclopedia

Main page
Contents
Featured content
Current events
Random article
Donate to Wikipedia
Wikipedia store
Interaction
Help
About Wikipedia
Community portal
Recent changes
Contact page

Article Talk Read Edit View

Dermatitis

From Wikipedia, the free encyclopedia

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

The cause of de between the imn

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 ether Chinese herbs help or harm.[51] Dietary supplements are commo evening 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.

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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

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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

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**

Compared to all articles in Asian Social Science

In the **99**%ile

Ranks **1st**

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.

All articles of a similar age

In the **78**%ile

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**.

All articles

In the **79**%ile

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.

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GSA
GENETICS

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*

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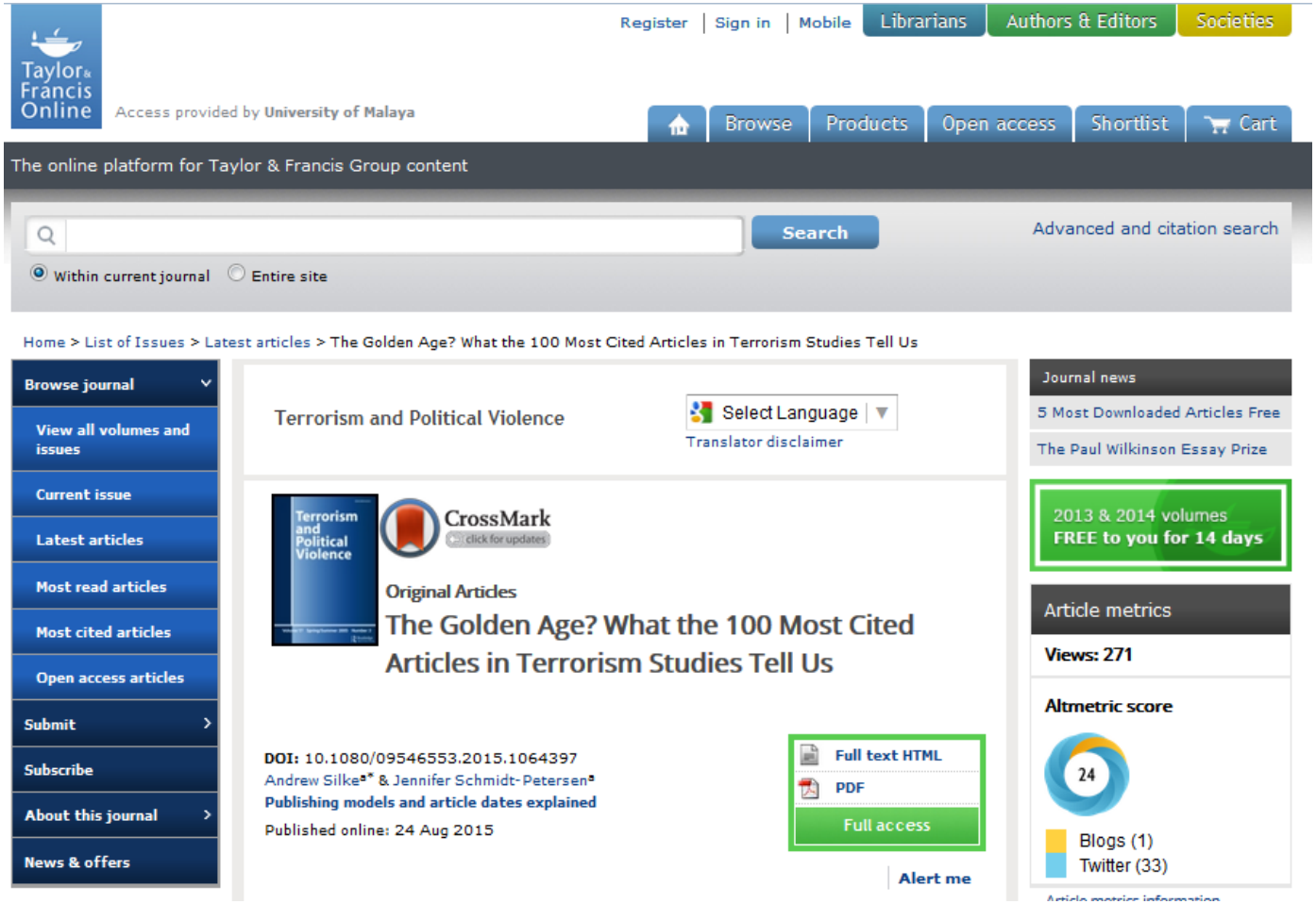

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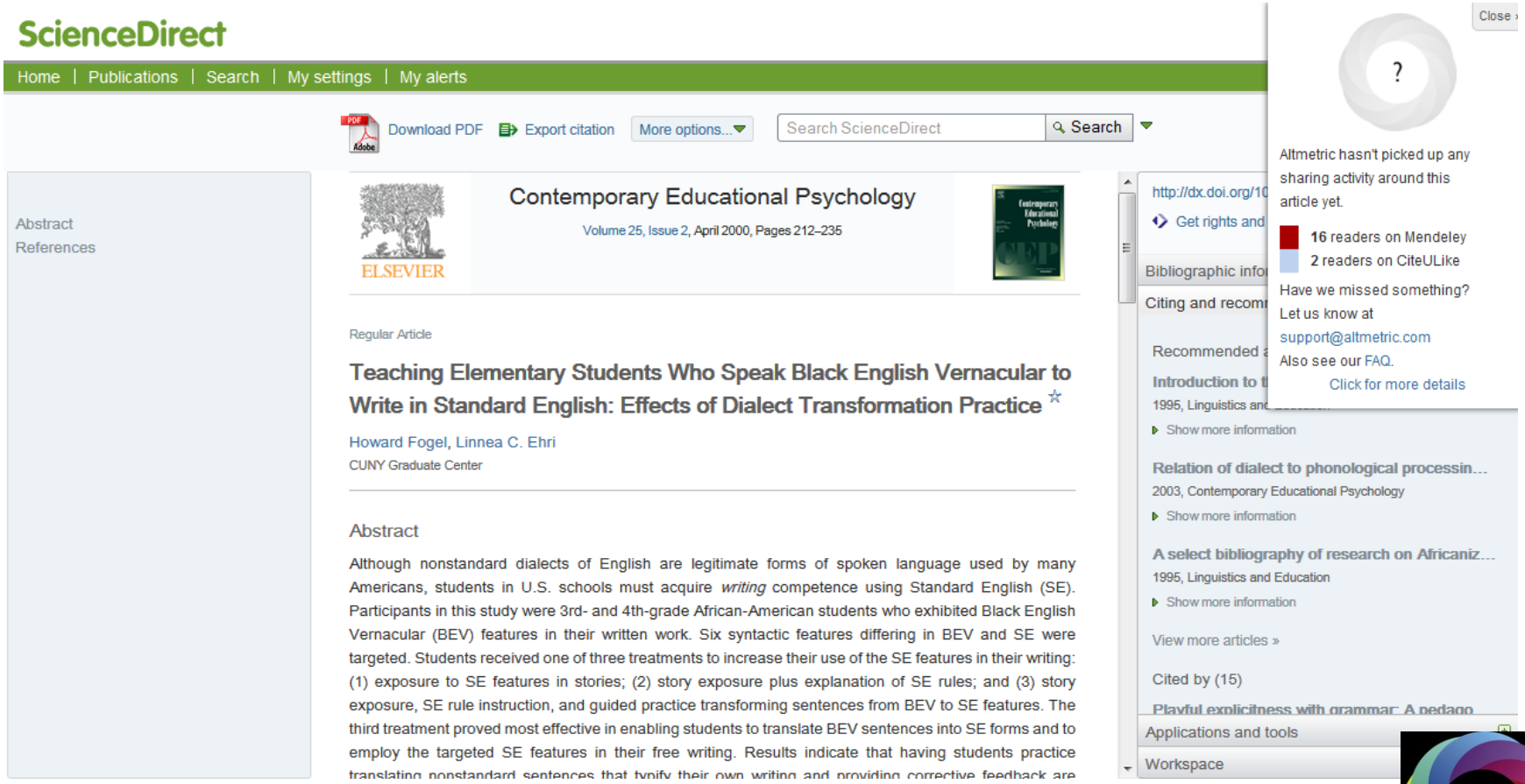

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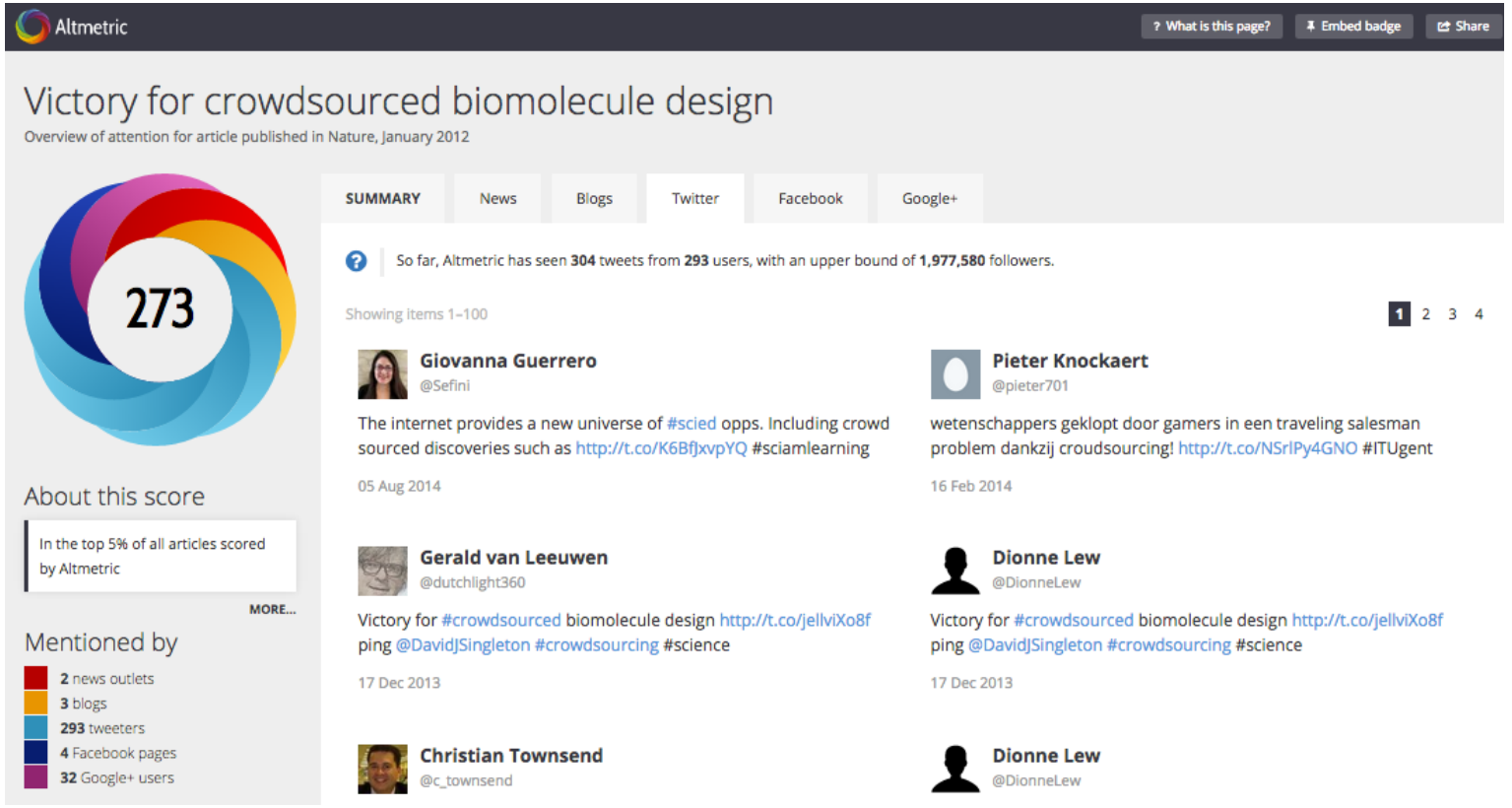

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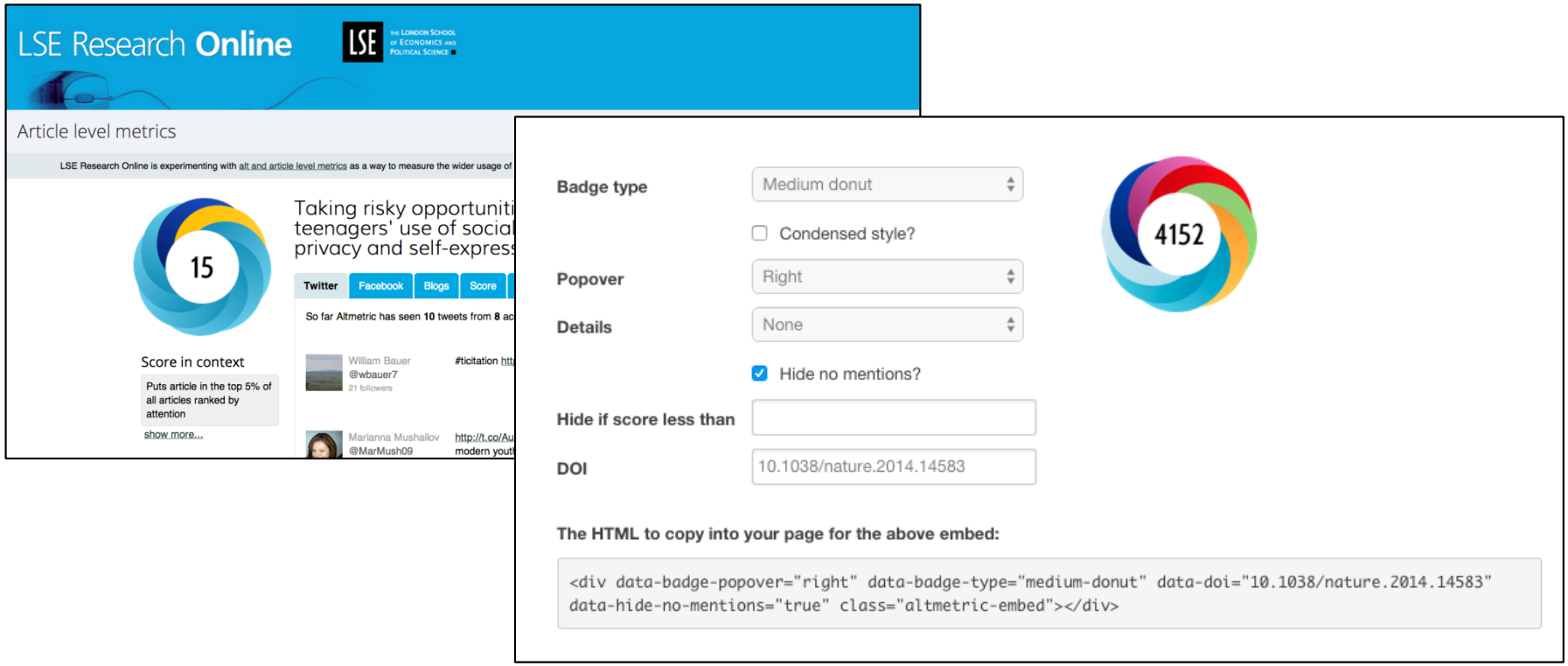

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How are institutions using Altmetric?

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
- Evaluate success of promotion activities
- Identify key researchers

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References

1. Ale Ebrahim, N. (2015). *Citations and its Impact to University Ranking*. Retrieved from Research Support Unit, Centre for Research Services, Institute of Research Management and Monitoring (IPPP)", University of Malaya: http://dx.doi.org/10.6084/m9.figshare.1572259
2. Ale Ebrahim, N. (2013). *The effective use of research tools and resources*. [Presentation material]. Retrieved from http://works.bepress.com/aleebrahim/73/
3. Ale Ebrahim, N. (2015). *Maximizing Articles Citation Frequency*. Retrieved from Research Support Unit, Centre for Research Services, Institute of Research Management and Monitoring (IPPP)", University of Malaya: http://dx.doi.org/10.6084/m9.figshare.1572226
4. Ale Ebrahim, N. (2015). Strategies to Enhance Research Visibility, Impact & Citations. *Research Tools in Education Series, 6*(1), 1-162. http://dx.doi.org/10.6084/m9.figshare.1404937
5. Ale Ebrahim, N., Salehi, H., Embi, M. A., Habibi Tanha, F., Gholizadeh, H., & Motahar, S. M. (2014). Visibility and Citation Impact. *International Education Studies, 7*(4), 120-125. doi: 10.5539/ies.v7n4p120 , . Available at SSRN: http://ssrn.com/abstract=2419315
6. Ale Ebrahim, N. (2015). Virtual R&D Teams: A New Model for Product Development. *International Journal of Innovation, 3*(2), 1-27. doi:10.5585/iji.v3i2.43
7. Egghe, L. (2006). Theory and practice of the g-index. Scientometrics. 69, 131-152.
8. Ale Ebrahim, Nader, Introduction to the Research Tools Mind Map (June 14, 2013). Research World, Vol. 10, No. 4, pp. 1-3,. Available at SSRN: http://ssrn.com/abstract=2280007
9. Jaslyn Tan, (2014), Maximizing the impact of your research paper, WILEY
10. Kim Holmberg (2015) Altmetrics: Measuring the impact of scientific activities, Research Unit for the Sociology of Education, University of Turku
11. 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.
12. Owen Roberson, Research Information Analyst (2015) Research Information and Analytics at Cambridge: Insight over measurement, Research Information Office, Academic Division
13. Shahbazi-Moghadam, M., Salehi, H., Ale Ebrahim, N., Mohammadjafari, M., & Gholizadeh, H. (2015). Effective Factors for Increasing University Publication and Citation Rate. *Asian Social Science, 11*(16), 338-348. http://ssrn.com/abstract=2622372
14. Hedayat, M., Jahangiri, P., Torkamani, A., Mashayekhi, M., K., S. M., & Ale Ebrahim, N. (2015). The Scientific Articles on Art Criticism. *Asian Social Science, 11*(13), 130-138. http://ssrn.com/abstract=2608851
15. Rakhshandehroo, M., Yusof, M. J. M., Ale Ebrahim, N., Sharghi, A., & Arabi, R. (2015). 100 Most Cited Articles in Urban Green and Open Spaces: A Bibliometric Analysis. *Current World Environment, 10*(2), 1-16. doi:10.6084/m9.figshare.1509863 http://ssrn.com/abstract=2643922
16. Melissa Badenhorst (2015), Sales & Marketing Manager, WorldWide Information Services , Agent: Thomson Reuters http://hdl.handle.net/2263/49260

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