

# Research Tools and Citations

#### Nader Ale Ebrahim, PhD

Visiting Research Fellow

Research Support Unit Centre for Research Services Research Management & Innovation Complex University of Malaya, Kuala Lumpur, Malaysia



aleebrahim@um.edu.my



@aleebrahim



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





Available online at: Available online at: <a href="http://dx.doi.org/10.6084/m9.figshare.2274181">http://dx.doi.org/10.6084/m9.figshare.2274181</a>

# AN INTRODUCTORY WORKSHOP ON: Research Tools and Citations

#### Nader Ale Ebrahim, PhD

\_\_\_\_\_

Research Support Unit
Centre for Research Services
Research Management & Innovation Complex
University of Malaya, Kuala Lumpur, Malaysia
<a href="http://scholar.google.com/citations">www.researcherid.com/rid/C-2414-2009</a>
<a href="http://scholar.google.com/citations">http://scholar.google.com/citations</a>

Read more: Ale Ebrahim, N., Salehi, H., Embi, M. A., Habibi Tanha, F., Gholizadeh, H., Motahar, S. M., & Ordi, A. (2013). <u>Effective Strategies for Increasing Citation Frequency</u>. International Education Studies, 6(11), 93-99. doi: 10.5539/ies.v6n11p93

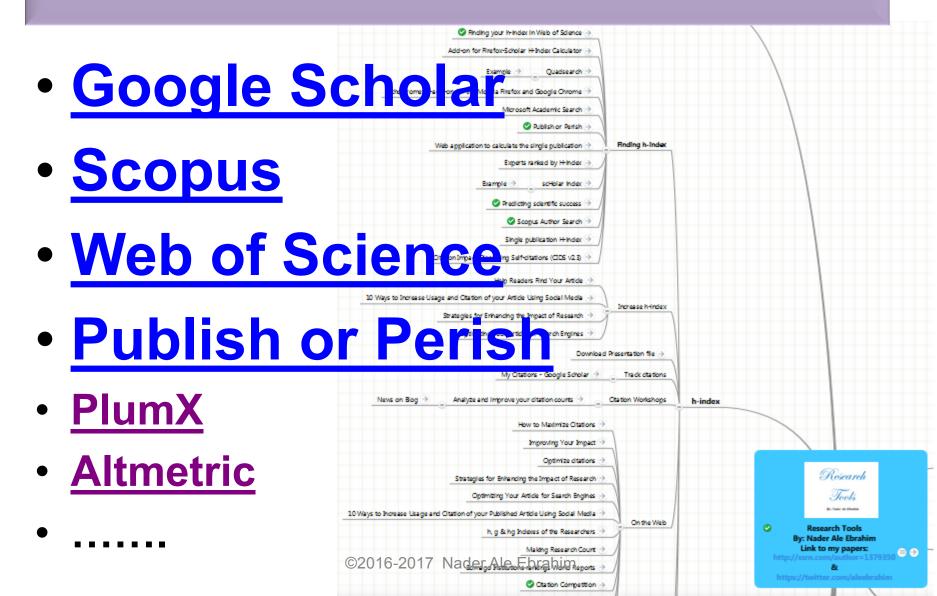
## **Abstract**

#### **Abstract:**

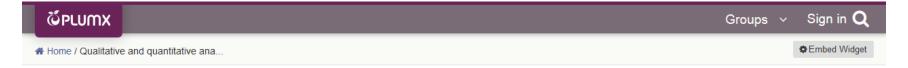
A researcher impact, may measure by number of publications and counting the number of times it has been cited by other scholars. A recent study discovered that over 43% of ISI papers have never ever received any citations (nature.com/top100, 2014). Now it's time to start spreading the word around your findings and analysis. Publishing a high quality paper in scientific journals is only halfway towards receiving citation in the future. The rest of the journey is dependent on disseminating the publications via using the proper "Research Tools". Proper utilization of the tools allows the researchers to increase the research impact and citations for their publications. This workshop provides some techniques to increase the visibility and hence the impact of research work. your

Keywords: H-index, Improve citations, Research tools, Bibliometrics, Research Visibility, Research Impacter Ale Ebrahim

## Measuring Your Impact



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





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

Citation data: Scientometrics, ISSN: § 0138-9130, Vol. 105, Issue: 2, Page: 759-771

Publication Year: 2015

Researchers: Nader Ale Ebrahim

USAGE <b>→</b>	641	CAPTURES <b>▽</b>	9	MENTIONS ~	6	SOCIAL MEDIA ✔	27
Abstract Views ♥ Link-outs ♥	639		6	6 Blog Mentions ❖ 3	6	Shares • Facebook	13 13
						Tweets • link.springer.com	11 11
						Likes <b>⊙</b>	3

Search for Keywo Advanced Search

Home

Journal Information

Subscriptions & Services

Collections

YeastBook

Previous Issues

Current Issue

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

Scott J. Gratz\*, Alexander M. Cummings<sup>†</sup>, Jennifer N. Nguyen<sup>†</sup>,
Danielle C. Hamm<sup>§</sup>, Laura K. Donohue<sup>†</sup>, Melissa M. Harrison<sup>§,\*\*,1</sup>,
Jill Wildonger<sup>†,1</sup> and Kate M. O'Connor-Giles\*, \*\*\*†\*,1

+ Author Affiliations

+ Author Notes

→¹ Corresponding authors: 6204B Biochemical Sciences Bidg., 440 Henry Mall, Madison WI 53706. E-mail: 
mharrison3@wisc.edu; 2204B Biochemical Sciences Bidg., 440 Henry Mall, Madison, WI 53706. E-mail: 
wildonger@wisc.edu; 227D Robert M. Bock Labs, 1525 Linden Dr., Madison, WI 53706. E-mail: 
oconnorpilles@wisc.edu

#### Abstract

homologous recombination

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.

Received May 9, 2013.

Accepted May 23, 2013.

Copyright @ 2013 by the Genetics Society of America



Previous | Next Article >
Table of Contents

#### **OPEN ACCESS ARTICLE**

#### This Article

Notes

Methods, Technology, and Resources

Early Online May 24, 2013, doi: 10.1534/genebics.113.152710
Genetics August 1, 2013 vol. 194 no. 4 1029-1035

Free via Open Access: OA

» Abstract

OA Full Text

Full Text (PDF)

**Supporting Information** 

All Versions of this Article: genetics.113.162710v1 genetics.113.162710v2 194/4/1029 most recent

#### - Services

Add Custom Print Article
Custom Print Checkout
Email this article to a friend
Alert me when this article is cited
Alert me if a correction is posted
Article Usage Statistics
Similar articles in this Journal
Similar articles in PubMed
Download to citation manager

#### © Get Permissions

- Citing Articles
- Google Scholar
- + PubMed
- Related Content
- Share this Article

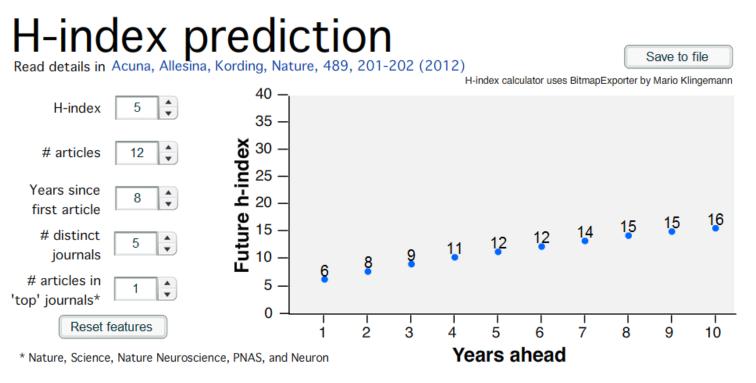




genome engineering

Drosophila

## Predicting scientific success



# distinct journals: number of different journals where you have published in.

Note: The equations and the calculator model people that are in Neurotree, have an h-index 5 or more, and are between 5 to 12 years after publishing first article.





1,092 people recommend this. Be the first of your friends.



+176 including You



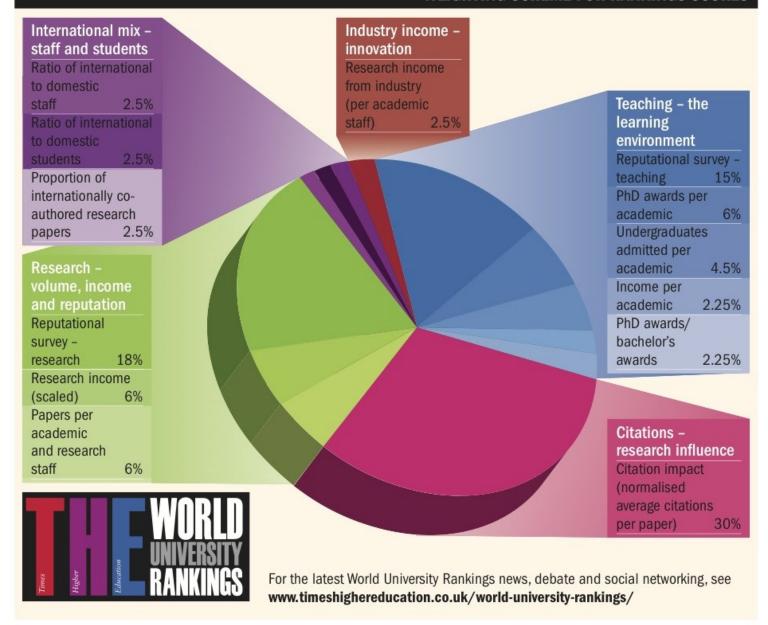
# Why should I care about my online presence?

- To increase the visibility & accessibility of published paper
- To increase the chance of getting publications cited
- To make your research and teaching activities known
- To disseminate the publications by using <u>"Research</u> <u>Tools"</u> effectively
- To increase publications chances of being found, read and cited
- To increase the chance of research collaboration
- To trace the citation
- To serve society better

## Why citation is important?

- In the Times Higher Education World University Rankings system <u>Citations research</u> <u>influence (worth 30 per cent)</u>.
- Citations are widely recognised as a strong indicator of the significance and relevance that is, the impact of a piece of research.
- However, citation data must be used with care as citation rates can vary between subjects and time periods.
- For example, papers in the life sciences tend to be cited more frequently than those published in the social sciences.
- The rankings this year use normalised citation impact, where the citations to each paper are compared with the average number of citations received by all papers published in the same field and year. So a paper with a relative citation impact of 2.0 is cited twice as frequently as the average for similar papers.
- The data were extracted from the Thomson Reuters resource known as Web of Science, the largest and most comprehensive database of research citations available.
- Its authoritative and multidisciplinary content covers more than 11,600 of the highest-impact journals worldwide. The benchmarking exercise is carried out on an exact level across 251 subject areas for each year in the period 2004 to 2008.
- For institutions that produce few papers, the relative citation impact may be significantly influenced by one or two highly cited papers and therefore it does not accurately reflect their typical performance. However, institutions publishing fewer than 50 papers a year have been excluded from the rankings.
- There are occasions where a groundbreaking academic paper is so influential as to drive the citation counts to
  extreme levels receiving thousands of citations. An institution that contributes to one of these papers will
  receive a significant and noticeable boost to its citation impact, and this reflects such institutions' contribution to
  globally significant research projects.

#### WEIGHTING SCHEME FOR RANKINGS SCORES





### Rajkumar Buyya

Director, CLOUDS Lab, University of Melbourne and CEO, ManjraSoft Pty Ltd, Australia

Cloud Computing - Distributed Systems - Parallel Computing - Distributed Computing - Middleware

Verified email at unimelb.edu.au Homepage

#### Citation indices Citations to my articles 4863 ΑII Since 2009 Citations 28100 18778 78 h-index 66 i10-index 265 225 2002 2000 Show: 20 1-20 Next >

Title / Author Cited by Year

Cloud computing and emerging IT platforms: Vision, hype, and reality for delivering computing as the 5th utility

R Buyya, CS Yeo, S Venugopal, J Broberg, I Brandic Future Generation Computer Systems 25 (6), 599-616

Gridsim: A toolkit for the modeling and simulation of distributed resource



Search Author

Get my own

Follow this au

48 Followers

Follow new a Follow new ci

#### Co-authors

Srikumar Ven

2014

2009

1882

Rajiv Ranjan Rodrigo N. Ca Saurabh Gard Chee Shin Ye Anton Belogla Dr Suraj Pano Marcos Assu Manzur Murs

César A. F. D

# Seven Tips for Enhancing Your Research Visibility and Impact

#### Seven Tips for Enhancing Your Research Visibility and Impact

Rajkumar Buyya

Grid Computing and Distributed Systems (GRIDS) Laboratory
Department of Computer Science and Software Engineering
The University of Melbourne, Australia

Email: raj@csse.unimelb.edu.au First version: Nov. 2006

It is important to note that there is no substitute for quality work. Please do carry out path-breaking research and produce outstanding results by demonstrating their usefulness both theoretically and experimentally. It is equally important to enhance its impact by making the outcomes of your research work easily accessible to your peers and the larger community. Your efforts and willingness to genuinely share research outcomes with the community will lead to better citations to your work. This inturn leads to other outcomes and recognisations such as increased chances of (a) receiving invitations to present seminars and possibly keynote talks at conferences; (b) getting surprise emails from prospective employers; (c) obtaining industrial consulting opportunities; (d) gaining media attention; (e) winning grants, (f) attracting brilliant students, (g) receiving promotions, and so on and so forth. If all goes well, you might one day become a celebrity intellectual!



#### Juliet Stumpf



#### Scholar

About 817 results (0.08 sec)

#### Articles

Case law

My library New!

#### Any time

Since 2014 Since 2013

Custom range...

#### Sort by relevance

Sort by date

include patents

#### User profiles for Juliet Stumpf



#### **Juliet Stumpf**

Lewis & Clark Law School Verified email at Iclark.edu Cited by 550

#### The crimmigration crisis: immigrants, crime, & sovereign power

JP Stumpf - Bepress Legal Series, 2006 - law.bepress.com

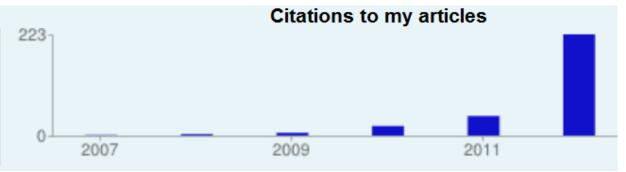
Abstract This article provides a fresh theoretical perspective on the most important development in immigration law today: the convergence of immigration and criminal law. Although the connection between immigration and criminal law, or "crimmigration law," is ... Cited by 244 Related articles All 21 versions Cite Save

## States of Confusion: The Rise of State and Local Power Over Immigration JP Stumpf - NCL rev., 2007 - HeinOnline

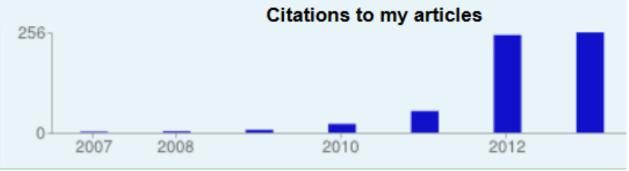
Federal immigration law has evolved from a stepchild of foreign policy into a national legislative and regulatory scheme that intersects with the triumvirate of state power: criminal law, employment law, and welfare. Shifting the locus of immigration law out of the category of foreign affairs ... Cited by 107 Related articles All 8 versions Cite Save

## Example

Citation indices				
	All	Since 2008		
Citations	309	305		
h-index	9	9		
i10-index	8	8		



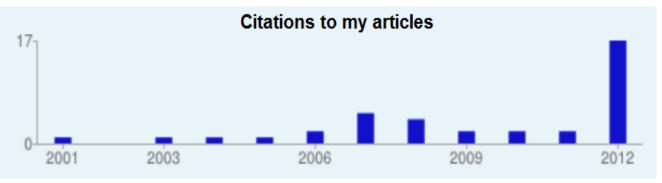
Citation indices			
	All	Since 2009	
Citations	645	635	
h-index	15	15	
i10-index	27	27	



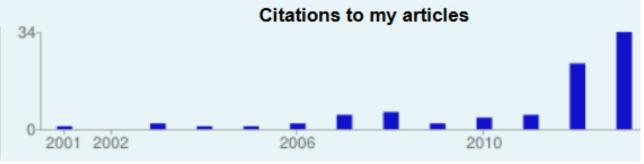
Ale Ebrahim, N., Salehi, H., Embi, M. A., Habibi Tanha, F., Gholizadeh, H., & Motahar, S. M. (2014). Visibility and Citation Impact. *International Education Studies*, 7(4), 120-125. doi: 10.5539/ies.v7n4p120, . Available at SSRN: <a href="http://ssrn.com/abstract=2419315">http://ssrn.com/abstract=2419315</a>

## Example

# Citation indices All Since 2008 Citations 39 28 h-index 4 3 i10-index 1 0



Citation indices			
	All	Since 2009	
Citations	94	73	
h-index	6	5	
i10-index	1	0	



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: <a href="http://ssrn.com/abstract=2419315">http://ssrn.com/abstract=2419315</a>

# The Best Global Universities Ranking





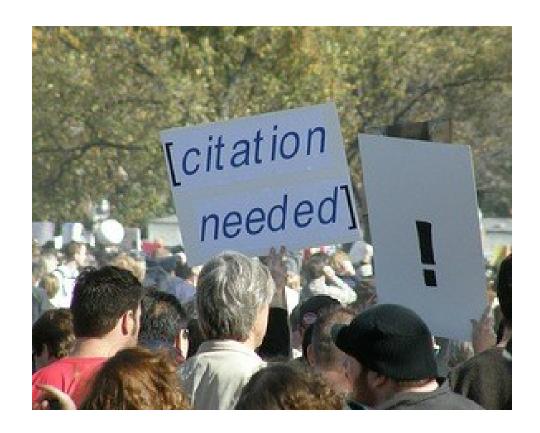
anking indicator	Weight
Global research reputation	12.5%
Regional research reputation	12.5%
Publications	12.5%
Normalized citation impact	10%
Total citations	10%
Number of highly cited papers	12.5%
Percentage of highly cited papers	10%
International collaboration	10%
Number of Ph.D.s awarded	5%
Number of Ph.D.s awarded per academic staff member	5%

## Indicators and Weights for ARWU

Criteria	Indicator	Code	Weight
Quality of Education	Alumni of an institution winning Nobel Prizes and Fields Medals	Alumni	10%
Quality of Faculty	Staff of an institution winning Nobel Prizes and Fields Medals	Award	20%
	Highly cited researchers in 21 broad subject categories	HiCi	20%
Research	Papers published in Nature and Science*	N&S	20%
Output	Papers indexed in Science Citation Index-expanded and Social Science Citation Index	PUB	20%
Per Capita Performance	Per capita academic performance of an institution		10%
Total			100%

<sup>©2016-2017</sup> Nader Ale Ebrahim

<sup>\*</sup> For institutions specialized in humanities and social sciences such as London School of Economics, N&S is not considered, and the weight of N&S is relocated to other indicators.



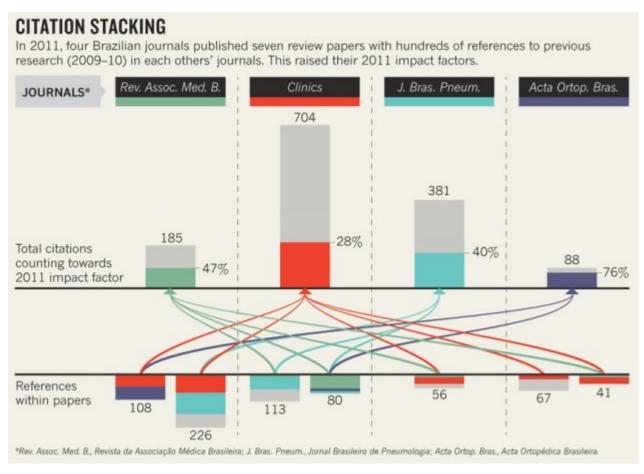
Source: Researchers, publishers, libraries and data centres all have a role in promoting and encouraging data citation. (Available on: http://blogs.lse.ac.uk/impactofsocialsciences/2013/11/26/why-not-cite-data/)



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

#### Brazilian citation scheme outed

Thomson Reuters suspends journals from its rankings for 'citation stacking'



Source: Richard Van Noorden, Nature News, 27 August 2013

## Citation manipulation: Journal retracts paper because author boosted references to a journal he edits

Written by Cat Ferguson February 9th, 2015 at 5:30 pm Posted in citation manipulation

## Citation manipulation: Journal retracts paper because author boosted references to a journal he edits

with 5 comments

A group of researchers have lost a paper in a computer science journal because they were apparently using its references to help the impact factor of a different journal that one of them edits.

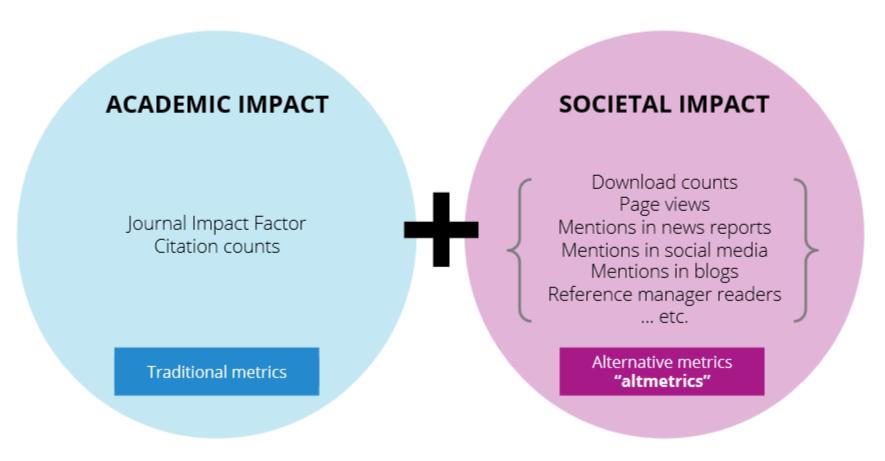
Here's the <u>notice</u> for "Impacts of sensor node distributions on coverage in sensor networks," a paper first published in 2011 and cited four times, according to Thomson Scientific's Web of Knowledge: <u>Read the rest of this entry</u> »



Share this:

Source: <a href="http://retractionwatch.com/2014/02/03/citation-manipulation-journal-retracts-paper-because-author-boosted-references-to-a-journal-he-edits/">http://retractionwatch.com/2014/02/03/citation-manipulation-journal-retracts-paper-because-author-boosted-references-to-a-journal-he-edits/</a>

## New perspectives of impact



Source: Liu, J. (2013). <u>Article-level and alternative metrics: tracking other indicators of impact online 2nd Bibliometrics in Libraries Meeting: The Open University.</u>

## Authors cite a work because:

- —It is relevant (in some way) to what they're writing
- -They know it exists

Source: Gosling, C. (2013). Tips for improving citations 2nd Bibliometrics in Libraries Meeting: The Open University.





























## Washington University School of Medicine in St.Louis



The University of Hong Kong









#### Strategies for Enhancing the Impact of Research

Improving access and retrieval of your research study is the surest way to enhance its impact. Repetition, consistency, and an awareness of the intended audience form the basis of most the following strategies.

**Preparing for Publication** 

**Dissemination** 

Keeping Track of Your Research

## **Preparing for Publication – Writing**

- Use a unique name consistently throughout academic careers;
- Use a standardized institutional affiliation and address;
- Repeat key phrases in the abstract while writing naturally;
- Assign keyword terms to the manuscript;
- Use more references;
- Write a longer paper;
- Write a review paper;
- Present a working paper;

Read more: Ale Ebrahim, N., Salehi, H., Embi, M. A., Habibi Tanha, F., Gholizadeh, H., Motahar, S. M., & Ordi, A. (2013). <u>Effective Strategies for Increasing Citation Frequency</u>. International Education Studies, 6(11), 93-99. doi: 10.5539/ies.v6n11p93

# Preparing for Publication – Collaboration & Journal Selection

- Publish with international authors;
- Publish papers with a Nobel laureates;
- Publish your article in one of the journals everyone in your discipline reads
- Open Access (OA) has a positive impact on growth of citations;
- Publish your work in a journal with the highest number of indexing

Read more: Ale Ebrahim, N., Salehi, H., Embi, M. A., Habibi Tanha, F., Gholizadeh, H., Motahar, S. M., & Ordi, A. (2013). <u>Effective Strategies for Increasing Citation Frequency</u>. International Education Studies, 6(11), 93-99. doi: 10.5539/ies.v6n11p93 Published online 13 October 2010 | Nature | doi:10.1038/news.2010.539 News

## To be the best, cite the best

Citation analysis picks out new truth in Newton's aphorism that science 'stands on the shoulders of giants'.



The mass of medium-level research is less important for inspiring influential breakthroughs than the most highly-cited papers, a citation study argues.

Source: Corbyn, Z. (2010). <u>To be the best, cite the best. Nature</u> 539. doi: doi:10.1038/news.2010.539

## Strategies for Enhancing the Impact of Research Preparing for Publication

- Add the name of study in the title of all publications and use the same title/ name consistently.
- Assign keyword terms to the manuscript.
- Formulate a concise, well-constructed title and abstract. Include crucial keywords in the abstract.
- Publish your work in an open access journal.
- Consider the desired audience when choosing a journal for publication.

## **Optimize Title/Abstract**

#### Step 1: Construct a clear, descriptive title

In search engine terms, the title of your article is the most interesting element. The search engine assumes that the title contains all of the important words that define the topic of the piece and thus weights words appearing there most heavily.

#### **Step 2: Reiterate key phrases**

The next most important field is the text of the abstract itself. You should reiterate the key words or phrases from the title within the abstract itself.

Source: http://authorservices.wiley.com/bauthor/seo.asp

## Well-Optimized Abstract:

#### False Remembering in the Aged

Researchers studying human **memory** have increasingly focused on **memory** accuracy in **aging** populations. In this article we briefly review the literature on **memory** accuracy in healthy older adults. The prevailing evidence indicates that, compared to younger adults, older adults exhibit both diminished **memory** accuracy and greater susceptibility to misinformation. In addition, older adults demonstrate high levels of confidence in their **false memories**. We suggest an explanatory framework for the high level of **false memories** observed in older adults, a framework based on the theory that consciously controlled uses of **memory** decline with **age**, making older adults more susceptible to **false memories** that rely on automatic processes. We also point to future research that may remedy such deficits in accuracy.

This article appears on the first page of results in Google for false+memory+aged.

Source: http://authorservices.wiley.com/bauthor/seo.asp

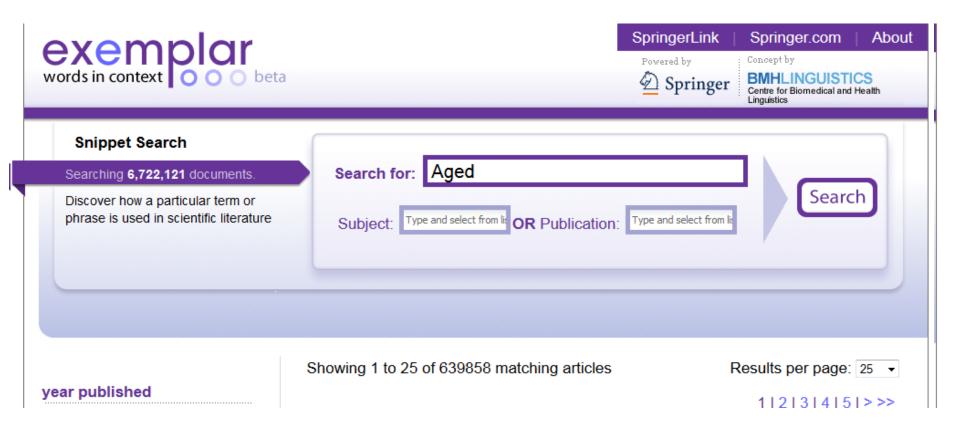
## **Poorly Optimized Abstract:**

#### False Remembering in the Senior Population

Researchers studying human **memory** have increasingly focused on its accuracy in senior populations. In this article we briefly review the literature on such accuracy in healthy older adults. The prevailing evidence indicates that, compared to younger adults, older adults exhibit both diminished accuracy and greater susceptibility to misinformation. In addition, older adults demonstrate high levels of confidence in their **false memories**. We suggest an explanatory framework for the high levels observed in older adults, a framework based on the theory that consciously controlled uses of **memory** decline in later life, making older adults more susceptible to **false memories** that rely on automatic processes. We also point to future research that may remedy such deficits in accuracy.

Source: http://authorservices.wiley.com/bauthor/seo.asp

# Compare Keywords "Senior Population" with "Aged"



## Compare Keywords "Senior Population" with "Aged"

WEB OF KNOWLEDGE<sup>™</sup> DISCOVERY STARTS HERE



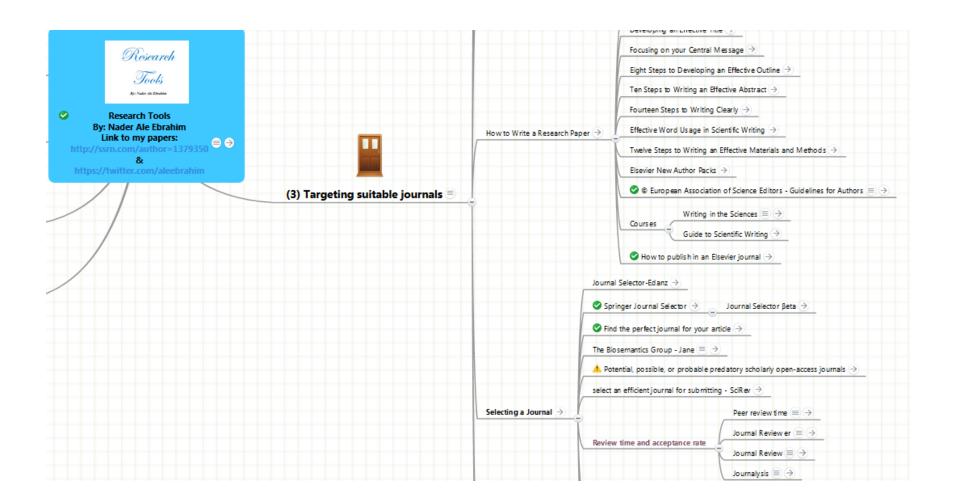


## Titles: be simple and specific

- Use active rather than passive verbs.
- Avoid words that don't add to the story such as: "on this", "study", and "investigation".
- Be specific in delivering your message:
- Not every reader may know what Akt and Foxo1 are, but the title is declarative and specific. "But don't be too specific".
- When possible, avoid acronyms and other jargon, which renders the title opaque to readers not already conversant in the field.
- Avoid question marks: titles should present outcomes, without teasing the reader.
- Focus on what is novel in the work.
- Avoid complex, compound nouns. For example, the term "excess water-weight remover".

Source: http://blogs.nature.com/naturejobs/2015/07/10/publishing-high-impact-papers-natures-way

## **Target Suitable Journal**



## Strategies to increase citations

- Target a journal with a high impact factor, or, in fact, with any impact factor at all!
- Choose a new, rapidly growing field of research. Articles on hot topics tend to cite much more recent references than those in more traditional fields.
- Target journals in rapidly growing research fields because they tend to publish papers with a short time interval from submission to acceptance.
- Write research articles, technical notes and reviews. For the purposes of calculating citations, these are considered "citable" items. Editorials, letters, news items and meeting abstracts are "non-citable items".
- Write reviews in addition to research papers. Reviews are more likely to be cited than original research papers.
- Write at length. Longer articles are cited more often.

## **Open Access Journal**

One key request of researchers across the world is unrestricted access to research publications. Open access gives a worldwide audience larger than that of any subscription-based journal and thus increases the **visibility** and **impact of published** works. It also enhances indexing, retrieval power and eliminates the need for permissions to reproduce and distribute content.

Journal impact factor
Indexation
Journal prestige
Relevance of research topics
Acceptance/rejection rates
Size of print circulation
Manuscript turnaround time
Editors characteristics
Quality of reviewer comments
Previous experience with publishing in the journal
Colleagues' recommendations
International status
Open access
Publication charges
Promotion at social platforms (eg Facebook, Twitter)
Press attention to the journal

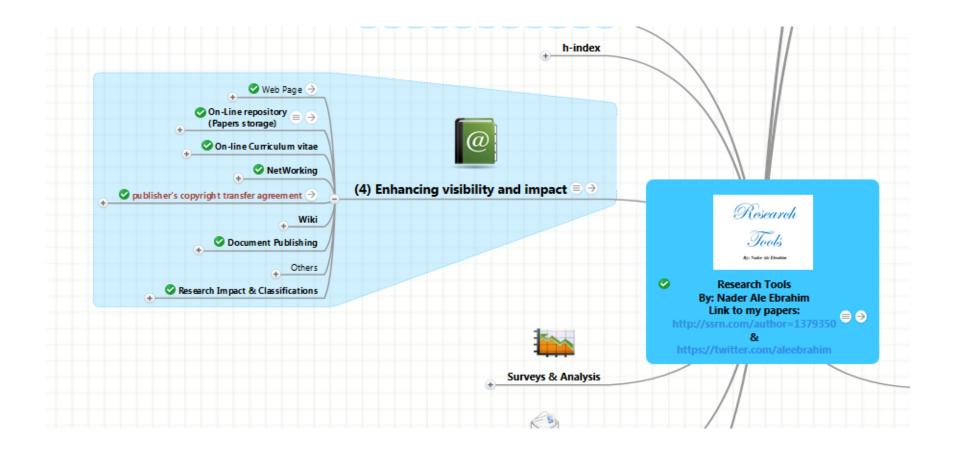
Source: Gasparyan, A. Y. (2013). Choosing the target journal: do authors need a comprehensive approach?. Journal of Korean medical science, 28(8), 1117-1119.

### Abstracted/indexed in

- ABI/INFORM
- 2. Association of Business Schools' (ABI) Academic Journal Quality Guide (<u>www.the-abs.org.uk</u>)
- 3. Australian Business Deans' Council (ABDC) Journal Quality List
- 4. Australian Research Council ERA Ranked Journal List
- 5. Compendex
- Computer Abstracts International Database
- Current Contents / Engineering, Computing & Technology
- Current Contents / Social & Behavioural Sciences
- Emerald Management Reviews (EMR)
- 10. INSPEC Abstracts
- 11. International Abstracts in Operations Research
- 12. OR/MS Index and Annual Comprehensive Index
- 13. Science Citation Index
- 14. Social Science Citation Index
- 15. SCOPUS
- 16. Zentralblatt MATH
- Source: Journal of the Operational Research Society

### **Disseminate Publications**

(Advertising)



# WHAT IS A GOOD SCIENTIFIC ARTICLE?

Novelty

Communication





Source: "Scientific Writing for Impact Factor Journals" By: Eric Lichtfouse

# Publishing strategies to improve citation performance

- Good quality research ...but it's not the only driver of citations
- Citation patterns
  - Field dependent
  - Time dependent
  - Article dependent
  - Author/reader dependent
  - Availability

Source: http://www.slideshare.net/ucclibrarybibliometrics/citation-impact-introduction



**199,913,959** HTML pageviews

**49,450,006** PDF downloads

24.7%

100%

but what's the impact of the research?

Article-Level Metrics for 80,602 PLOS papers published until May 20, 2013.

481,771 CrossRef citations

0.2%

Source: Finding Insights in ALMS for Research Evaluation. Posted on November 20, 2013 by PLoS Admin

# Increased access Increased downloads Increased citations **Increased impact!**

Source: Rosarie Coughlan, (August 2011) "Enhance the Visibility & Impact of Your Research-9 Simple Tips", Accountancy Librarian, Concordia University

## **Dissemination 1/2**

- Self-archive articles
- Keep your professional web pages and published lists up to date
- Make your research easy to find, especially for online searchers
- Deposit paper in Open Access repository
- Contribute to Wikipedia
- Start blogging

## **Dissemination 2/2**

- Join academic social networking sites
- link your latest published article to your email signature
- Create a podcast describing the research project and submit the podcast to YouTube or Vimeo
- Make an online CV.

Read more: Ale Ebrahim, N., Salehi, H., Embi, M. A., Habibi Tanha, F., Gholizadeh, H., Motahar, S. M., & Ordi, A. (2013). <u>Effective Strategies for Increasing Citation Frequency</u>. International Education Studies, 6(11), 93-99. doi: 10.5539/ies.v6n11p93

### Build an online Curriculum Vitae

 Register with <u>ResearcherID</u> (Web of Science) and <u>ORCID</u>

See more at: <a href="http://libguides.library.curtin.edu.au/content.php?pid=417077&sid=3408994">http://libguides.library.curtin.edu.au/content.php?pid=417077&sid=3408994</a>

ResearcherID – an older id system associated with the Web of Science (WOS). Your ORCID and ResearcherID profiles can easily be linked. Citation counts for publications in ResearchID are automatically updated from WOS.

ORCID (Open Researcher and Contributor ID) – a new, broadly supported researcher profile that creates a unique author identification number. By creating an authoritative publication list associated with your ID number, you can minimize confusion with other researchers with similar names.

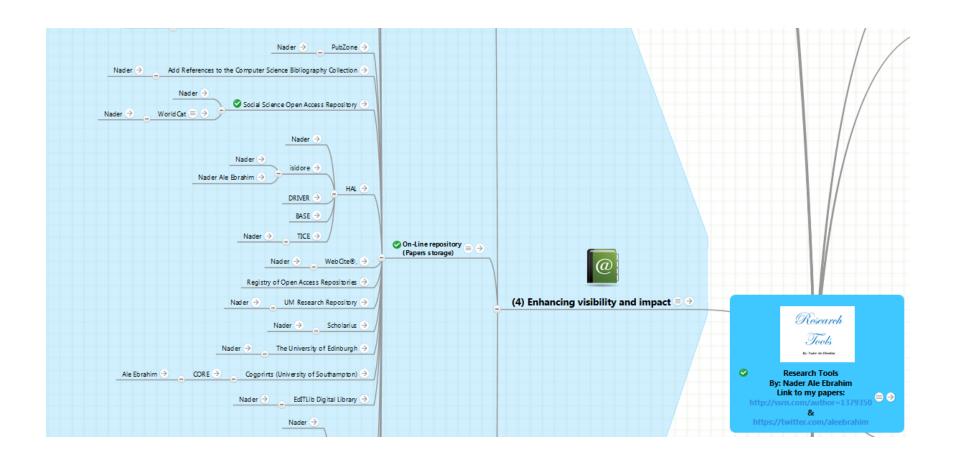
See more at: http://library.buffalo.edu/scholarly/action/

### Google Scholar Citations

- Track citations to your articles over time
- Check who is citing your publication
- Appear in Google Scholar search results (with a public profile)
- Sign up for Google Scholar Citations.

See more at: <a href="http://www.library.auckland.ac.nz/biblioinformatics/personal.htm">http://www.library.auckland.ac.nz/biblioinformatics/personal.htm</a>

# Select the best "paper repository"



### Repositories can disseminate information

#### **Universities can:**

- Meet accountability requirements
- Improve the brand image of the university
- Preserve academic research outputs permanently and effectively
- Promote cooperation with industry and contribute to the local communities
- Reduce the costs of taking charge of academic information

#### Researchers can:

- Gain greater visibility for their research achievements
- Establish the channel for the dissemination of research outputs
- Reduce the cost of preservation and dissemination of research outputs
- Raise the citation rates of their articles

Source: What is an academic repository?

# Copyright issue

If your publisher does not give permission to give access to the definitive publisher's version/pdf, in many cases it is permitted to make the last author's version available (i.e. the version after peer review). This version has the same scientific content, but lacks the publisher's lay-out. More information can be found at <a href="https://science.com/shear-state-new-content-state-new-

Source: Digital Academic Repository of the University of Amsterdam

### Is a Journal Green OA?

### SHERPA/RoMEO

http://www.sherpa.ac.uk/romeo/

Search by journal/publisher to learn its copyright and self-archiving policies



### Author's version vs. publisher's version

#### Modularity and Commonality Research: Past Developments and Future Opportunities



Sloan School of Management
Massachusetts Institute of Technology
Cambridge, MA 02138
phone: 617.252.1464
fixson@mit.edu

This version: December 28, 2006



#### CONCURRENT ENGINEERING: Research and Applications

#### Modularity and Commonality Research: Past Developments and Future Opportunities

#### Sebastian K. Fixson\*

Sloan School of Management, Massachusetts Institute of Technology Cambridge, MA 02138, USA

Abstract: Research on modularity and commonality has grown substantially over the past 15 years. Searching 36 journals over more than the past 35 years, over 160 references are identified in the engineering and management literature that focus on modularity or commonality in the product and process development context. Each of the references is analyzed along the dimensions subject, effect, and research method. The subjects of these studies have been products, processes, organizations, and even innovations, although the set of references shows a strong preference towards products. Similarly, a broad range of effects has been studied, albeit with the topic cost dominating all other effects. A variety of research methods been applied to the study of modularity and commonality but the distribution of research methods differs substantially for modularity and commonality research. Despite the wealth of existing research, there are still significant opportunities for future research. In particular, studies that incorporate modularity and commonality's multiple effects on various players along the supply chain, that combine multiple research methods, and that follow systems over time appear very promising.

Key Words: modularity, commonality, innovation, multidisciplinary research

#### 1. Introduction

The underlying ideas for modularity and commonality are not really new. As early as 1914, an automotive engineer demanded the standardization of automobile subassemblies, such as axles, wheels, and fuel feeding 160 publications have been reviewed and analyzed along the dimensions subject, effects, and methods, and recommendations for future research have been developed.

What this study does not do is attempting to provide yet another, let alone final, definition for these terms.

6-2017 Nader Ale Ebrahim

### SOCIAL SCIENCE RESEARCH NETWORK

Tomorrow's Research Today

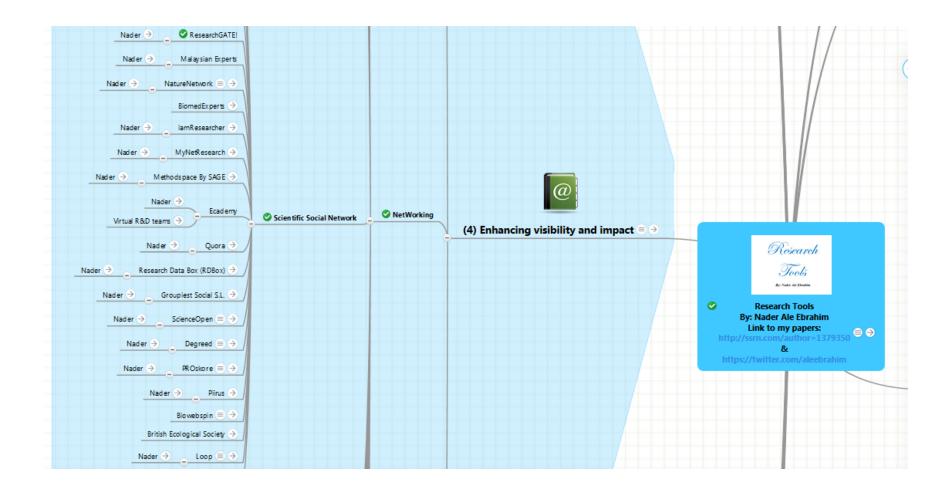
### Ale Ebrahim, Nader

SSRN Author Rank (<u>from 229,000 authors</u>): 2,846 by Downloads

Aggregate Statistics, Total Downloads 7,429

See more at: http://papers.ssrn.com/sol3/cf\_dev/AbsByAuth.cfm?per\_id=1379350

# Networking



## **Microblogging**





Hello, Nader Ale Ebrahim

1 - 9 from 37



**У** Tweet ⟨1

**Q** +1 < 1

Invitation status of contacts

Contacts of Nader Ale (39)

► Link/Domain for my Exposé

▶ Show my Exposé on Yasni front page

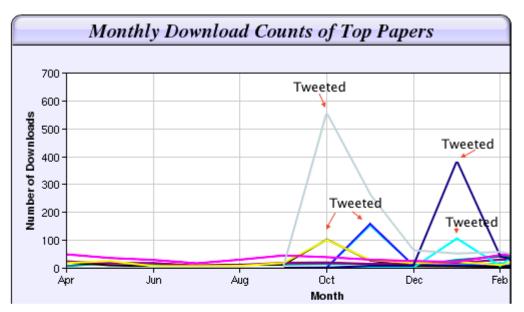
All Confirm (9) Unconfirmed (1) Business [..]

Save as document

My text

My links

### Why should you share links to your published work online?



Digital Curiosities: Resource Creation Via Amateur Digitisation

Enabled backchannel: conference Twitter use by digital humanists Not Me

Framework for effective public digital records management in Uganda

Library and information resources and users of digital resources in the huma

A Virtual Tomb for Kelvingrove: Virtual Reality, Archaeology and Education

What do faculty and students really think about e-books? \* Not me

Documentation and the users of digital resources in the humanities

Classification in British public libraries: a historical perspective Not me

Teaching TEI: The Need for TEI by Example

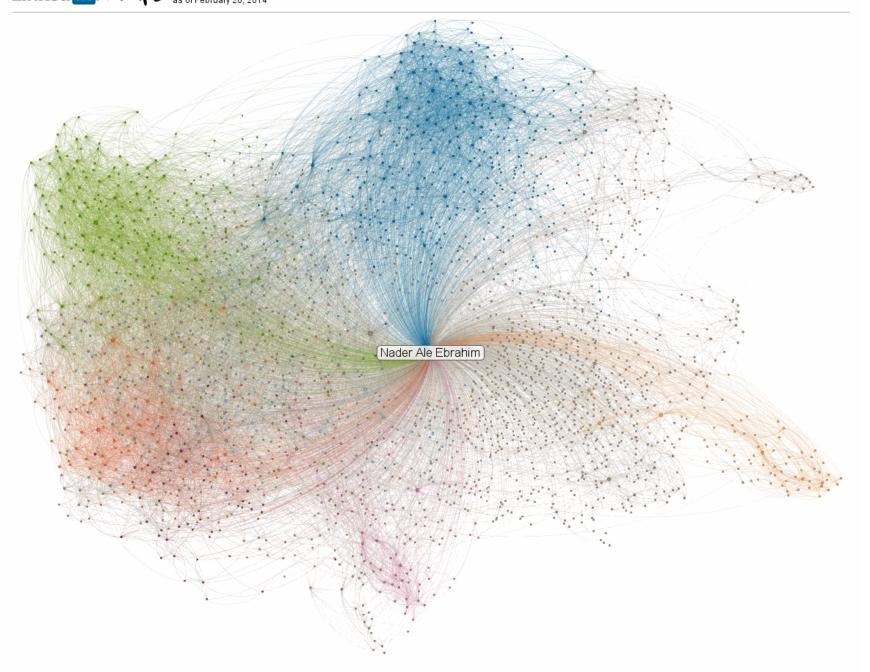
Should we just send a copy? Digitisation, Use and Usefulness

According to Dr Melissa Terras from the University College London Centre for Digital Humanities, "If you tell people about your research, they look at it. Your research will get looked at more than papers which are not promoted via social media" (2012).

### Network

- Build your network make sure you have dynamic diverse networks
- Join networks such as <u>LinkedIn</u>, <u>ResearchGate</u> or <u>Academic.edu</u>

See more at: http://libguides.library.curtin.edu.au/content.php?pid=417077&sid=3408994



# Academic blogging is part of a complex online academic attention

Just like a taller, more powerful radio tower will boost a signal so it can be heard at a greater distance; it makes sense that more people will read a paper if the writer is active on social media. Of course, because we wrote it, we think it's great that our paper has proved so popular, but we have to ask: in the future, will the highest quality papers be read most? Or will it be only those papers backed up by the loudest voices?

Source: Mewburn, I., & Thomson, P. (2013, Dec 12 2013). Academic blogging is part of a complex online academic attention economy, leading to unprecedented readership. Retrieved 13, December, 2013, <a href="mailto:from http://blogs.lse.ac.uk/impactofsocialsciences/2013/12/12/academic-attention-economy/">from http://blogs.lse.ac.uk/impactofsocialsciences/2013/12/12/academic-attention-economy/</a>

### Blogs

• Wordpress



Weebly



Blogger



### JohnRTurner\_HPT\_resource

This blog is intended to share information, discuss new research, and identify new trends within the Human Performance Technology (HPT) field. HPT is a multi-disciplinary practice that is influenced by a number of cognate disciplines: psychology, systems theory, education, economics, and sociology - to name only a few.

Tuesday, June 4, 2013

#### New Article Acceptance: Multiagent Systems as a Team Member

I have received notice that my article titled *Multiagent Systems as a Team*Member will be published by Common Ground Publishing in their journal: The

International Journal of Technology, Knowledge, and Society. The web page for
the journal follows: http://ijt.cgpublisher.com

No date as to when the article will be published but it should be this fall. Listed below is the abstract for the journal article to give those interested an indication of what the article is about.

#### Abstract

With the increasing complex business environment that organizations have to operate in today, teams are being utilized to complete complex tasks. Teams

#### Free Counter and Web Stats

🚻 WEBSTATS

#### About Me



#### John R. Turne

John R. Turner is a Doctoral
Candidate at the University of
North Texas in the applied
nd performance improvement

technology and performance improvement (ATPI) program. He started his career in mechanical engineering where he was employed for 15 years. After leaving the engineering service industry, he completed a second bachelor's degree in psychology from the University of Arkansas at Little Rock, followed by a master's degree in human resource development from the University of Texas at Tyler. His research interests are in teams, team cognition, knowledge management, performance improvement, theory building, multilevel models, meta-analysis

# My recent publications





Current World Environment
An International Research Journal of Environmental Science



©2016-2017 Nader Ale Ebra





#### **RESEARCH SUPPORT UNIT (RSU)**

CENTRE FOR RESEARCH SERVICES
RESEARCH MANAGEMENT & INNOVATION COMPLEX
UNIVERSITY OF MALAYA

# Thank you!



E-mail: aleebrahim@um.edu.my



Twitter: @aleebrahim



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

©2016-2017 Nader Ale Ebrahim

### References

- 1. Ale Ebrahim, N. (2016). Research Tools: Scientific Writing Tools for Writing Literature Review and a Paper. Retrieved from Computer Room, Level 4, Institute of Graduate Studies, University of Malaya, Kuala Lumpur, Malaysia: https://dx.doi.org/10.6084/m9.figshare.2082625.v1
- 2. Ale Ebrahim, N. (2016). Contribute to Wikipedia: An approach to Increase Research Visibility on the Web. 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.20754
- 3. Ale Ebrahim, N. (2016). Publish online magazine to promote publications and research findings. Retrieved from Research Support Unit, Centre for Research Services, Institute of Research Management and Monitoring (IPPP)", University of Malaya: <a href="https://dx.doi.org/10.6084/m9.figshare.2069559.v1">https://dx.doi.org/10.6084/m9.figshare.2069559.v1</a>
- 4. Ale Ebrahim, N. (2016). Journal selection procedure: Select the best journal to ensure the highest citation. Retrieved from Research Support Unit, Centre for Research Services, Institute of Research Management and Monitoring (IPPP)", University of Malaya: https://dx.doi.org/10.6084/m9.figshare.2067492.v1
- 5. Ale Ebrahim, N. (2016). The use of Reference Management tools to improve Citation. 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.2065176
- 6. Ale Ebrahim, N. (2016). Online Repository: Improving the research visibility and Impact 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.2060826
- 7. Ale Ebrahim, N. (2015). Academic social networking and research impact. Retrieved from Research Support Unit, Centre for Research Services, Institute of Research Management and Monitoring (IPPP)", University of Malaya: https://dx.doi.org/10.6084/m9.figshare.2059254
- 8. Ale Ebrahim, N. (2015). Publications E-mail marketing procedure: Strategies to Enhance Research Visibility, Impact & Citations. Retrieved from Research Support Unit, Centre for Research Services, Institute of Research Management and Monitoring (IPPP)", University of Malaya: <a href="https://dx.doi.org/10.6084/m9.figshare.2057670.v1">https://dx.doi.org/10.6084/m9.figshare.2057670.v1</a>
- 9. Ale Ebrahim, N. (2015). Create and maintain an up-to-date ResearcherID profile Retrieved from Research Support Unit, Centre for Research Services, Institute of Research Management and Monitoring (IPPP)", University of Malaya: <a href="https://dx.doi.org/10.6084/m9.figshare.2009928.v4">https://dx.doi.org/10.6084/m9.figshare.2009928.v4</a>
- Ale Ebrahim, N. (2015). Optimize your Article for Search Engine. Retrieved from Research Support Unit, Centre for Research Services, Institute of Research Management and Monitoring (IPPP)", University of Malaya: <a href="http://dx.doi.org/10.6084/m9.figshare.1599737">http://dx.doi.org/10.6084/m9.figshare.1599737</a>
- 11. Ale Ebrahim, N. (2015). How to select a brand name for your research interest? 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.1587694
- 12. Ale Ebrahim, N. (2015). A new research impact measuring system. 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.1580090
- 13. Ale Ebrahim, N. (2015). Create Wikiscientist Profile to boost research visibility. 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.1586951
- 14. Ale Ebrahim, N. (2015). Analysis of Bibliometrics information for select the best field of study. 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.1621261
- 15. 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: <a href="http://dx.doi.org/10.6084/m9.figshare.1572259">http://dx.doi.org/10.6084/m9.figshare.1572259</a>
- 16. Maghami, M., Navabi Asl, S., Rezadad, M. i., Ale Ebrahim, N., & Gomes, C. (2015). Qualitative and Quantitative Analysis of Solar hydrogen Generation Literature From 2001 to 2014. Scientometrics 105(2), 759-771.: http://dx.doi.org/10.1007/s11192-015-1730-3
- 17. 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: <a href="http://dx.doi.org/10.6084/m9.figshare.1572226">http://dx.doi.org/10.6084/m9.figshare.1572226</a>
- 18. 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
- 19. 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: <a href="https://ssrn.com/abstract=2419315">https://ssrn.com/abstract=2419315</a>
- 20. Ale Ebrahim, N. (2015). Virtual R&D Teams: A New Model for Product Development. International Journal of Innovation, 3(2), 1-27.: http://dx.doi.org/10.5585/iji.v3i2.43
- 21. Ale Ebrahim, N. (2015). Blogging/Microblogging for enhancing the research accessibility. 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.1614948
- 22. Ale Ebrahim, N. (2015). Virtual R&D Teams: A New Model for Product Development. International Journal of Innovation, 3(2), 1-27.: http://dx.doi.org/10.5585/iji.v3i2.43
- 23. Corbyn, Z. (2010). To be the best, cite the best. Nature 539. doi: doi:10.1038/news.2010.539
- 24. 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
- 25. Mewburn, I., & Thomson, P. (2013, Dec 12 2013). Academic blogging is part of a complex online academic attention economy, leading to unprecedented readership. Retrieved 13, December, 2013, from <a href="http://blogs.lse.ac.uk/impactofsocialsciences/2013/12/12/academic-attention-economy/">http://blogs.lse.ac.uk/impactofsocialsciences/2013/12/12/academic-attention-economy/</a>
- 26. Rosarie Coughlan, (August 2011) "Enhance the Visibility & Impact of Your Research-9 Simple Tips", Accountancy Librarian, Concordia University