

الحمد لله الرحمن الرحيم



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# **Introduction to the “Research Tools” for Research Methodology course**

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



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



21<sup>th</sup> April 2016

All of my presentations are available online at:

[https://figshare.com/authors/Nader\\_Ale\\_Ebrahim/100797](https://figshare.com/authors/Nader_Ale_Ebrahim/100797)

Link to this presentation: <http://dx.doi.org/10.6084/m9.figshare.1039495>

# *Introduction to the “Research Tools”*

**Nader Ale Ebrahim, PhD**

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Research Support Unit

Centre for Research Services

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University of Malaya, Kuala Lumpur, Malaysia

[www.researcherid.com/rid/C-2414-2009](http://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:** “[Research Tools](#)” can be defined as vehicles that broadly facilitate research and related activities. “[Research Tools](#)” enable researchers to collect, organize, analyze, visualize and publicized research outputs. Dr. Nader has collected over 800 tools that enable students to follow the correct path in research and to ultimately produce high-quality research outputs with more accuracy and efficiency. It is assembled as an interactive Web-based mind map, titled “Research Tools”, which is updated periodically. “[Research Tools](#)” consists of a hierarchical set of nodes. It has four main nodes: (1) Searching the literature, (2) Writing a paper, (3) Targeting suitable journals, and (4) Enhancing visibility and impact of the research.

**Keywords:** H-index, Improve citations, Research tools, Bibliometrics, Literature review

# Problem statements

The search can be time consuming and sometimes tedious task. How can make it easier? How do deal with situations such as:

- “I just join as a new postgraduate student and I am not sure how to do a literature search”
- “I have been in research for some time now but I spend a lot of time to get the articles I want”
- “I am sure I have downloaded the article but I am not able to find it”
- “I wanted to write a new paper, how can I manage the references in the shortest possible time?”
- “I have many references, some of my old papers, and some of my current research. Sometimes, they are so many that I can’t recall where I have kept them in my folders!”
- .....
- “I have written an article and I am not able to find a proper Journal”
- “I want to increase the citation of my papers, how do I do?”

# Objectives

The seminar seeks to serve the following objectives:

- i. To help students who seek to reduce the search time by expanding the knowledge of researchers to more effectively use the "tools" that are available through the Net.
- ii. To evaluate the types of literature that researchers will encounter.
- iii. To convert the information of the search for a written document.
- iv. To help researchers learn how to search and analyze the right journal to submit.
- v. To promote their publication for further citation.

# Outline

1. [Introduce](#) “[Research Tools](#)” Mind Map
2. Developing a search strategy, Finding keyword
3. [Finding](#) proper articles,
4. [Evaluate](#) a paper/journal quality
5. [To do an effective](#) literature search
6. [Keeping up-to-date](#) (Alert system), Indexing desktop search tool
7. The paraphrasing & editing tool, Avoid plagiarism
8. [Organize](#) the references (Reference management) tool
9. [Target](#) suitable journal
10. [Promote](#) your publication to get more citation
11. Q&A

A close-up, high-contrast photograph of a person's eye. The eye is dark, with a prominent blue reflection on the iris. The surrounding skin and hair are in soft focus, creating a dramatic, moody atmosphere. The lighting is low, highlighting the texture of the eyelashes and the fine details of the eye.

**RESEARCHERS** NEED TOOLS  
THAT SEE THE WAY THEY SEE

# What is the Altmetric donut?



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## Article


Scientometrics

November 2015, Volume 105, Issue 2, pp 759-771

First online: 09 September 2015

Open Access

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

Mohammad Reza Maghami , Shahin navabi asl, Mohammad esmaeil Rezadad, Nader Ale

Ehsani, Chandima Gomes





# What is the average number of references for writing an article or review paper in “Economics”?

Web of Science™

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## Aggregate Source Data (i)

	Citable Items			Other
	Article	Review	Combine	
Number in JCR Year 2014 (A)	17,133	172	17,305	6,140
Number of References (B)	693,044	12,010	705,054	8,620
Ratio (B/A)	40.5	69.8	40.7	1.4

### AGGREGATE SOURCE DATA

Aggregate Source Data is included as a table, counting the number of citable items, and yielding a ratio to the number of references to each type of citable item included in that JCR Year.

# Exercise

- Make a sentence including:

“the aim of study”

- Find a recent English thesis about:

“Virtual Teams”

Make a sentence including:

“the aim of study”

... Isfahan, Iran Background and Aims	<a href="#">The aim of study</a>	was determination of the effect of ...
... postmortem macropathologic changes.	<a href="#">The aim of study</a>	is to analyze the pathological data ...
... (NAC) are controversial.	<a href="#">The aim of study</a>	is to compare histological grade and ...
... Federation Objectives and study:	<a href="#">the aim of study</a>	was to compare the efficacy and ...
... Introduction and objectives:	<a href="#">The aim of study</a>	was to evaluate the incidence of ...
... Istanbul, Turkey Objectives:	<a href="#">The aim of study</a>	was to evaluate the effect of acid ...
... has been considered as a futile (1).	<a href="#">The aim of study</a>	was obtaining information concerning ...
... Medical Academy Summary (4 lines):	<a href="#">The aim of study</a>	is to estimate diagnostic values of ...
... medicine, RAKUS, Riga, Latvia	<a href="#">The aim of study</a>	was to compare the effectiveness of ...

# Recent English thesis about: “Virtual Teams”

## Open Access Theses and Dissertations

Search keywords from titles, author names, abstracts, subjects...

[Advanced search options](#)

Sorted by: relevance · author · university · date | [New search](#)

[Search history](#)

You searched for `title: (virtual AND teams) AND language: (en OR eng OR english) AND pub_dt: [2010-01-01T00:00:00Z TO +]`. Showing records 1 – 30 of 50 total matches.

< [1] [2] >

Search Limiters
Last 2 Years   English Only
Country
US (13)
South Africa (10)

### 1. Hakonen, Marko. *Identification with virtual teams.*

Degree: 2010, Aalto-yliopiston teknillinen korkeakoulu

URL: <https://aaltodoc.aalto.fi/handle/123456789/4756> 


- ▶ Virtual teams, that is groups of people striving toward a common goal, dispersed across many locations, and communicating with each other predominantly via information and... [\(more\)](#)

Subjects/Keywords: Psychology; Work; virtual teams; social identification; perceived justice

[Record Details](#) [Similar Records](#) [Cite](#) [Share](#) >

### 2. Creutz, Martin. *Virtual Teams.*

Degree: 2011, Jönköping University

URL: <http://urn.kb.se/resolve?urn=urn:nbn:se:hj:diva-16206> 

Subjects/Keywords: Natural Sciences; Computer and Information Science; Human Computer Interaction; Naturvetenskap; Data- och informationsvetenskap; Människa-datorinteraktion (interaktionsdesign); teknik; Technology; IHH, Informatik; IHH, Informatics

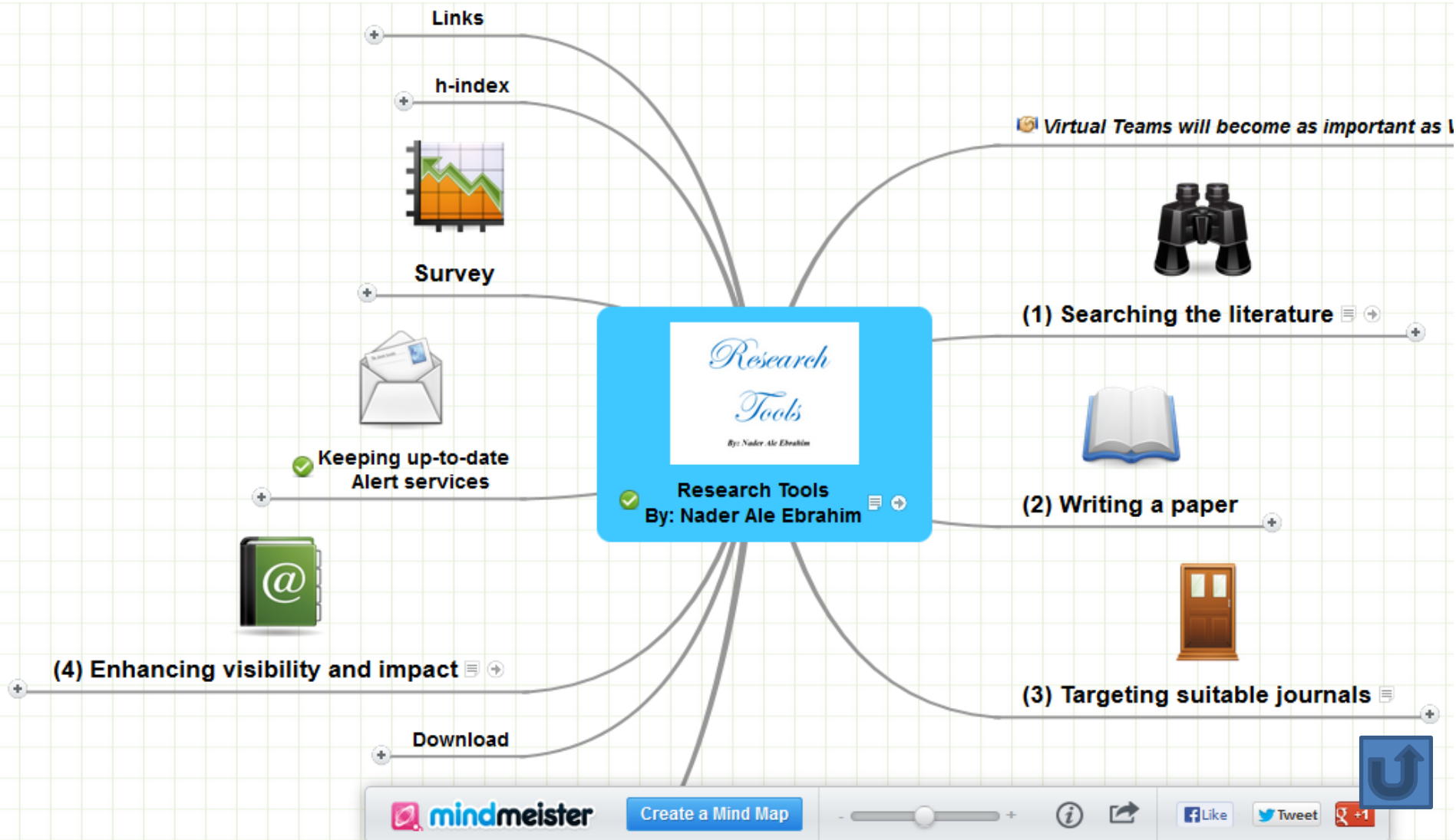
[Record Details](#) [Similar Records](#) [Cite](#) [Share](#) >

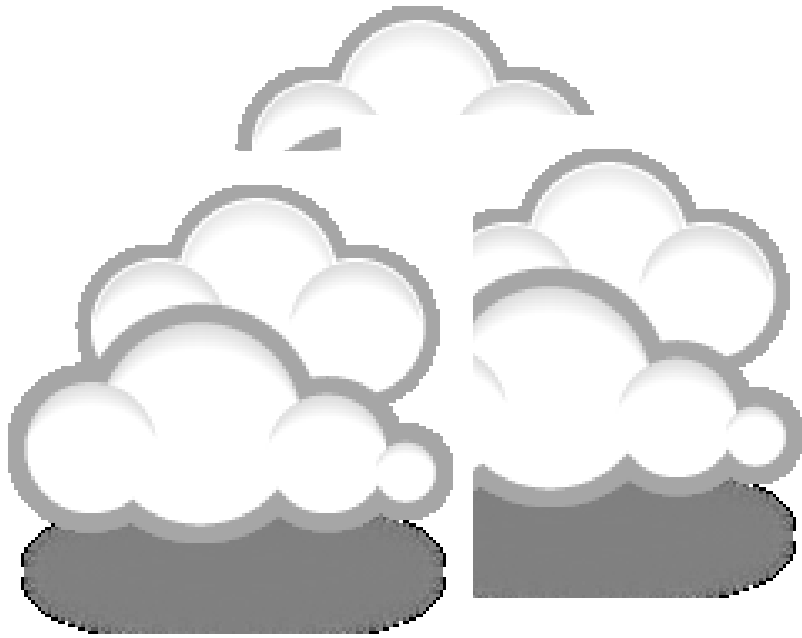
### 3. ROBINSON, JOY D. *COMMUNICATION, LEADERSHIP, AND VIRTUAL TEAMS.*

INTRODUCTION TO THE RESEARCH TOOLS - @ NADUET AIG

Ebrahim 2016


# Research Tools Mind Map





Developing a search strategy,  
Finding keyword

# Developing a search strategy

- » Defining the topic
  - » Considering the scope of your topic
  - » Identifying the main or important aspects
  -  » Compiling a list of keywords
  - » Developing your search strategy
- It is important to develop a search strategy to, not only, find the information you need but to also clarify your topic.

# How to Find and Develop a Viable Research Topic?

**Step One: Identify a Topic.**

**Step Two: Test Your Topic.**

**Test the main concepts or keywords in your topic by looking them up in the appropriate background sources or by using them as search terms.**

If you are finding too much information and too many sources, narrow your topic by using the **and** operator

Finding too little information may indicate that you need to broaden your topic.



# Keywords

Selecting keywords lead to get more citation.



## *Design Studies*

### KEYWORDS LIST

Choose up to five keywords for your paper from this list. You may substitute one keyword of your own choice not on this list.

aesthetics	environmental impact
architectural design	epistemology
artificial evolution	evaluation
automotive design	expert systems
built environment	facility programming
case based reasoning	generic design
case study/studies	graphic design
collaborative design	

**MASTER KEYWORDS**  
**LIST**  
Journal of International Business  
Studies

Google Trends



[MeSH \(Medical Subject Headings\)](#)

# MeSH Tree Structures for “Genes”

## MeSH Tree Structures

[Genetic Phenomena \[G05\]](#)

[Genetic Structures \[G05.360\]](#)

[Genome \[G05.360.340\]](#)

[Genome Components \[G05.360.340.024\]](#)

[Attachment Sites, Microbiological \[G05.360.340.024.079\]](#)

[CpG Islands \[G05.360.340.024.159\]](#)

[DNA Sequence, Unstable \[G05.360.340.024.189\]](#) +

[DNA, Intergenic \[G05.360.340.024.220\]](#) +

▶ [Genes \[G05.360.340.024.340\]](#)

[Alleles \[G05.360.340.024.340.030\]](#)

[Gene Components \[G05.360.340.024.340.137\]](#) +

[Genes, cdc \[G05.360.340.024.340.220\]](#)

[Genes, Chloroplast \[G05.360.340.024.340.225\]](#)

[Genes, Developmental \[G05.360.340.024.340.230\]](#) +

[Genes, Dominant \[G05.360.340.024.340.240\]](#)

[Genes, Duplicate \[G05.360.340.024.340.250\]](#)

[Genes, Essential \[G05.360.340.024.340.270\]](#)

[Genes, Helminth \[G05.360.340.024.340.310\]](#)

[Genes, Immediate-Early \[G05.360.340.024.340.330\]](#)

[Genes, Immunoglobulin \[G05.360.340.024.340.335\]](#) +

[Genes, Insect \[G05.360.340.024.340.340\]](#)

[Genes, Plant \[G05.360.340.024.340.350\]](#)

# MASTER KEYWORDS LIST

## Journal of International Business Studies

Journal of International Business Studies

palgrave macmillan

Journal of International Business Studies

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SITE MAP > SUBJECT AREAS >

SEARCH This journal [ ] Go ADVANCED SEARCH >

Journal home > Master list of keywords

### MASTER KEYWORDS LIST

- Research methods
- Theories
- Topics

The master keyword list is split into 3 main categories: research methods, theories, and topics. When choosing your keywords, please try to choose at least one keyword from each category.

#### RESEARCH METHODS

Top

##### Data Source

- Primary
- Secondary

##### Research Design

- Comparative Thinking
- Construct Development and Evaluation
- Cross-Cultural Experiments
- Cross-Cultural Research/Measurement Issues
- Econometrics

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Academy of International Business

# Keywords and Keywords Plus®

Authors sometimes provide a list of keywords or terms that they feel best represent the content of their paper. These keywords are contained in the ISI record (1991 data forward, depending on the [database](#)) for each article and are searchable. In addition, ISI generates KeyWords Plus for many articles. KeyWords Plus are words or phrases that frequently appear in the titles of an article's references, but do not necessarily appear in the title of the article itself. KeyWords Plus may be present for articles that have no author keywords, or may include important terms not listed among the title, abstract, or author keywords.

Source: <http://wos.isitrial.com/help/helpdefs.html>

# KeyWords Plus

Hi there! This issue, we are going to explain how **KeyWords Plus** broadens your search. **KeyWords Plus** is the result of our Thomson Reuters editorial expertise in Science.

What our editors do is to review the titles of all references and highlight additional relevant but overlooked keywords that were not listed by the author or publisher. With **KeyWords Plus**, you can now uncover more papers that may not have appeared in your search due to changes in scientific keywords over time.

Thanks and keep your feedback and questions coming!

Smiles,

[Lim Khee Hiang](#)

Ph.D., Principal Consultant

# KeyWords Plus- Example

- New Product Development in Virtual Environment (ISI Indexed)
- Author Keywords: New product Development; Virtual teams; Concurrent Collaboration; Review paper
- KeyWords Plus: DEVELOPMENT TEAMS; PERFORMANCE; TECHNOLOGY; KNOWLEDGE; COMMUNICATION; PERSPECTIVE; INTEGRATION; INNOVATION; NETWORK; WORKING

Web of Science<sup>SM</sup>

Results Topic=("virtual Teams")

Timespan=All Years. Databases=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH.  
 Lemmatization=On

Scientific WebPlus<sup>BETA</sup> View Web Results >>

**Note:** Alternative forms of your search term (for example, tooth and teeth) may have been applied, in particular for Topic or Title searches that do not contain quotation marks around the terms. To find only exact matches for your terms, turn off the "Lemmatization" option on the search page.

Results: 741

Page 1 of 75 Go

Sort by: Publication Date -- newest to oldest

Save to: EndNote Web EndNote ResearcherID

Analyze Results Create Citation Report

more options

- Title: **Factors of collaborative working: A framework for a collaboration model**  
 Author(s): Patel Harshada; Pettitt Michael; Wilson John R.  
 Source: APPLIED ERGONOMICS Volume: 43 Issue: 1 Pages: 1-26 DOI: 10.1016/j.apergo.2011.04.009 Published: JAN 2012  
 Times Cited: 0 (from Web of Science)  
[Full Text](#) [ -View abstract ]
- Title: **Technology Adoption in Online Social Networks**  
 Author(s): Peng Gang; Mu Jifeng  
 Source: JOURNAL OF PRODUCT INNOVATION MANAGEMENT Volume: 28 Supplement: 1 Pages: 133-145 DOI:

Refine Results

Search within results for

Search

Web of Science Categories Refine

- MANAGEMENT (288)
- COMPUTER SCIENCE INFORMATION SYSTEMS (183)
- INFORMATION SCIENCE LIBRARY SCIENCE (122)
- BUSINESS (96)

## Web of Science<sup>SM</sup>

<< Back to previous results list

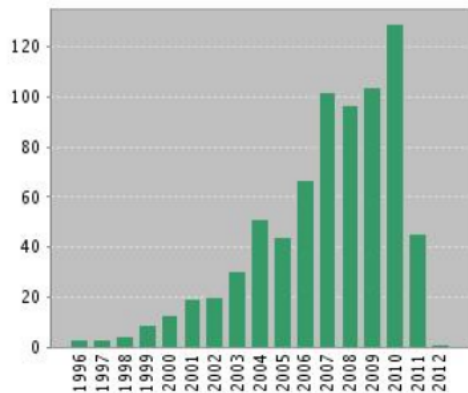
### Citation Report

Topic=("virtual Teams")

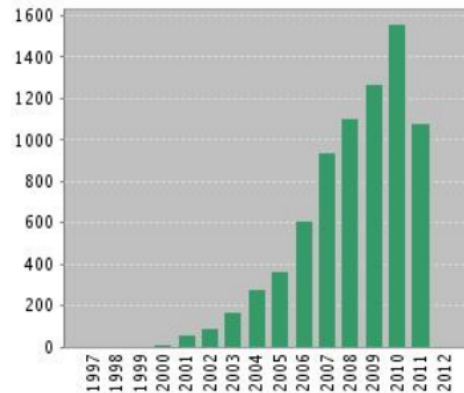
Timespan=All Years. Databases=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH.

This report reflects citations to source items indexed within Web of Science. Perform a Cited Reference Search to include citations to items not indexed within Web of Science.

Published Items in Each Year



Citations in Each Year



**Results found: 741**

**Sum of the Times Cited [?]: 7561**

**Sum of Times Cited without self-citations [?]: 4771**

**Citing Articles [?]: 3928**

[View Citing Articles](#)

[View without self-citations](#)

**Average Citations per Item [?]: 10.20**

**h-index [?]: 42**

Results: **741**

Page 1 of 75 [Go](#)

Sort by: Times Cited -- highest to lowest

2008 2009 2010 2011 2012 Total Average







Finding proper articles

&

Evaluate a paper/journal quality

&

To do an effective literature search

# Research Quality Measures

**Three key measures of research impact are:**

- 1. Quality of the journal** – journal rankings, impact factors
- 2. Quality of the publication/article** = times cited as found in tools like Web of Science, Scopus and Google Scholar
- 3. Personal or departmental measure = *h*-index**

Source: <http://guides.library.vu.edu.au/content.php?pid=251876&sid=2079929>

# Critically Analyzing Information Sources

## **1- Initial Appraisal:**

Author

Date of Publication

Edition or Revision

Publisher

Title of Journal (Distinguishing Scholarly Journals from other Periodicals)

## **2- Content Analysis:**

Intended Audience

Objective Reasoning

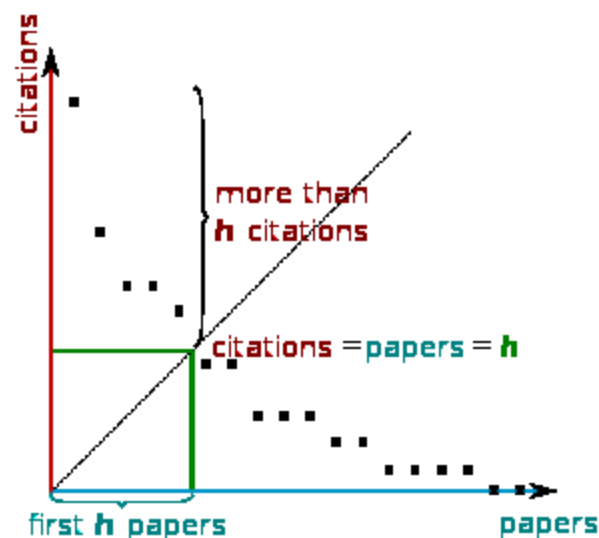
Coverage

Writing Style

Evaluative Reviews

# $h$ -index ([Jorge E. Hirsch](#))

- *A scientist has index  $h$  if  $h$  of [his/her]  $N_p$  papers have at least  $h$  citations each, and the other  $(N_p - h)$  papers have at most  $h$  citations each.*



H-index from a plot of decreasing citations for numbered papers

# The Many and Variable Uses of Publish or Perish (PoP)-

By: Anne-Wil Harzing –” Your guide to effective and responsible citation analysis”

Academics that need to make their case for tenure or promotion will find PoP useful to create reference groups and show their citation record to its best advantage. When **evaluating other academics**, PoP can be used as a 5-minute preparation before meeting someone you don't know, to evaluate editorial board members or prospective PhD supervisors, to write up tributes (or laudations) and eulogies, to decide on publication awards and to pre-prepare for a job interview. Deans and other academic administrators will find PoP useful to evaluate tenure or promotion cases in a fair and equitable way.

PoP can help you to do a quick literature review **to identify the most cited articles** and/or scholars in a particular field. It can be used to identify whether any research has been done in a particular area at all (useful for grant applications) or to evaluate the development of the literature in a particular topic over time. Finally, PoP is very well suited for doing bibliometric research on both authors and journals.

PoP can also be used to assist when you are uncertain **which journal to submit** it to. You can use it to get ideas of the types of journals that publish articles on the topic you are writing on and to compare a set of journals in terms of their citation impact. Once you have decided on the target journal, it can also help you to double-check that you haven't missed any prior work from the journal in question.

- Citation analysis**
- Author impact analysis
- Journal impact analysis
- General citation search
- Multi-query center
- Web Browser

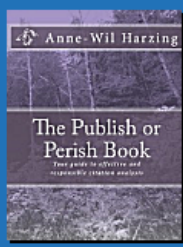
- Program maintenance**
- Check for updates

- Help resources**
- Help contents
- What's new?
- 2-Minute introduction
- Frequently Asked Questions
- Version information
- Publish or Perish home page
- The Publish or Perish Book

**Amazon customer review**

is an excellent source for PhDs and junior scholars who are looking to forge links with other academics in the field to build their networks."

[Open in browser...](#)



Author impact | Journal impact | General citations | Multi-query center | Web Browser

**Author impact analysis - Perform a citation analysis for one or more authors**

Author's name:

Exclude these names:

Year of publication between:  and:

- Biology, Life Sciences, Environmental Science
- Business, Administration, Finance, Economics
- Chemistry and Materials Science
- Engineering, Computer Science, Mathematics
- Medicine, Pharmacology, Veterinary Science
- Physics, Astronomy, Planetary Science
- Social Sciences, Arts, Humanities

- Lookup
- Lookup Direct
- Help

NOTE: Subject area selection is currently non-functional

**Results**

Papers:	419	Cites/paper:	141.05	h-index:	73
Citations:	59102	Cites/author:	52828.21	g-index:	242
Years:	238	Papers/author:	317.81	hc-index:	42
Cites/year:	248.33	Authors/paper:	1.91	hI,norm:	69

Lotfi A. Zadeh: all  
 Query date: 2013-01-07  
 Papers: 419  
 Citations: 59102  
 Years: 238

- Copy results
- Copy >
- Check all
- Check selection
- Uncheck all
- Uncheck 0 cites
- Uncheck selection
- Help

Cites	Per year	Rank	Authors	Title	Year	Publication	Publisher
<input checked="" type="checkbox"/>	13522	329.80	1 LA Zadeh	Outline of a new approach to the analysis of comple...	1973	Systems, Man and Cybernet...	ieeexplore.ieee.org
<input checked="" type="checkbox"/>	7254	186.00	14 LA Zadeh	The concept of a linguistic variable and its application...	1975	Information sciences	Elsevier
<input checked="" type="checkbox"/>	4826	109.68	17 RE Bellman, LA Z...	Decision-making in a fuzzy environment	1970	Management science	mansci.journal.informs.org
<input checked="" type="checkbox"/>	1695	94.17	2 LA Zadeh	Fuzzy logic= computing with words	1996	Fuzzy Systems, IEEE Transa...	ieeexplore.ieee.org
<input checked="" type="checkbox"/>	1638	38.09	3 LA Zadeh	Similarity relations and fuzzy orderings	1971	Information sciences	Elsevier
<input checked="" type="checkbox"/>	1533	33.33	4 LA Zadeh	Probability measures of fuzzy events	1968	Journal of mathematical ana...	www-bisc.cs.berkeley.edu
<input checked="" type="checkbox"/>	1455	28.53	29 LA Zadeh, CA De...	Linear System Theory:(The) State Space Approach	1963		citeulike.org
<input checked="" type="checkbox"/>	1411	83.00	5 LA Zadeh	Toward a theory of fuzzy information granulation an...	1997	Fuzzy sets and systems	Elsevier
<input checked="" type="checkbox"/>	1255	40.48	6 LA Zadeh	A computational approach to fuzzy quantifiers in nat...	1983	Computers & Mathematics w...	Elsevier
<input checked="" type="checkbox"/>	1245	33.65	32 LA Zadeh	A Theory of Approximate Reasoning (AR).	1977		Electronics Research Labora...
<input checked="" type="checkbox"/>	1144	29.33	7 LA Zadeh	Fuzzy logic and approximate reasoning	1975	Synthese	Springer
<input checked="" type="checkbox"/>	1143	43.96	33 LA Zadeh	Fuzzy logic	1988	Computer	ieeexplore.ieee.org
<input checked="" type="checkbox"/>	1123	28.79	8 LA Zadeh	The concept of a linguistic variable and its application...	1975	Information sciences	Elsevier
<input checked="" type="checkbox"/>	1029	26.38	9 LA Zadeh	The concept of a linguistic variable and its application...	1975	Information science	ci.nii.ac.jp
<input checked="" type="checkbox"/>	937	46.85	10 LA Zadeh	Fuzzy logic, neural networks, and soft computing	1994	Communications of the ACM	dl.acm.org
<input checked="" type="checkbox"/>	858	27.68	40 LA Zadeh	The role of fuzzy logic in the management of uncerta...	1983	Fuzzy sets and Systems	Elsevier
<input checked="" type="checkbox"/>	705	16.79	11 LA Zadeh	A fuzzy-set-theoretic interpretation of linguistic hedges	1972		Taylor & Francis
<input checked="" type="checkbox"/>	618	68.67	12 LA Zadeh	Toward a generalized theory of uncertainty (GTU)—...	2005	Information sciences	Elsevier
<input checked="" type="checkbox"/>	588	16.33	45 LA Zadeh	PRUF—a meaning representation language for natur...	1978	International Journal of Man...	Elsevier
<input checked="" type="checkbox"/>	575	71.88	13 I Guyon, S Gunn, ...	Feature extraction: foundations and applications	2006		books.google.com
<input checked="" type="checkbox"/>	465	23.25	15 LA Zadeh	Soft computing and fuzzy logic	1994	Software, IEEE	ieeexplore.ieee.org
<input checked="" type="checkbox"/>	420	6.56	53 LA Zadeh	Frequency analysis of variable networks	1950	Proceedings of the IRE	ieeexplore.ieee.org
<input checked="" type="checkbox"/>	407	9.47	16 LA Zadeh	Quantitative fuzzy semantics	1971	Information sciences	Elsevier

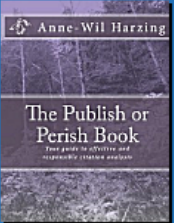
**Harzing's Publish or Perish**

File Edit View Tools Help

▼ Citation analysis  
 Author impact analysis  
 Journal impact analysis  
 General citation search  
 Multi-query center  
 Web Browser

▼ Program maintenance  
 Check for updates

▼ Help resources  
 Help contents  
 What's new?  
 2-Minute introduction  
 Frequently Asked Questions  
 Version information  
 Publish or Perish home page  
 The Publish or Perish Book

**The Publish or Perish Book**  
 Want to know more about citation analysis across disciplines? The Publish or Perish book reviews the evidence.  
 More about this book...

Author impact | Journal impact | **General citations** | Multi-query center | Web Browser

**General citation search - Perform a general citation search**

Author(s):   
 Publication:   
 All of the words:   
 Any of the words:   
 None of the words:   
 The phrase:   
 Year of publication between:  and:

Biology, Life Sciences, Environmental Science  
 Business, Administration, Finance, Economics  
 Chemistry and Materials Science  
 Engineering, Computer Science, Mathematics  
 Medicine, Pharmacology, Veterinary Science  
 Physics, Astronomy, Planetary Science  
 Social Sciences, Arts, Humanities  
 Title words only

Lookup  
 Lookup Direct  
 Help

NOTE: Subject area selection is currently non-functional

**Results**

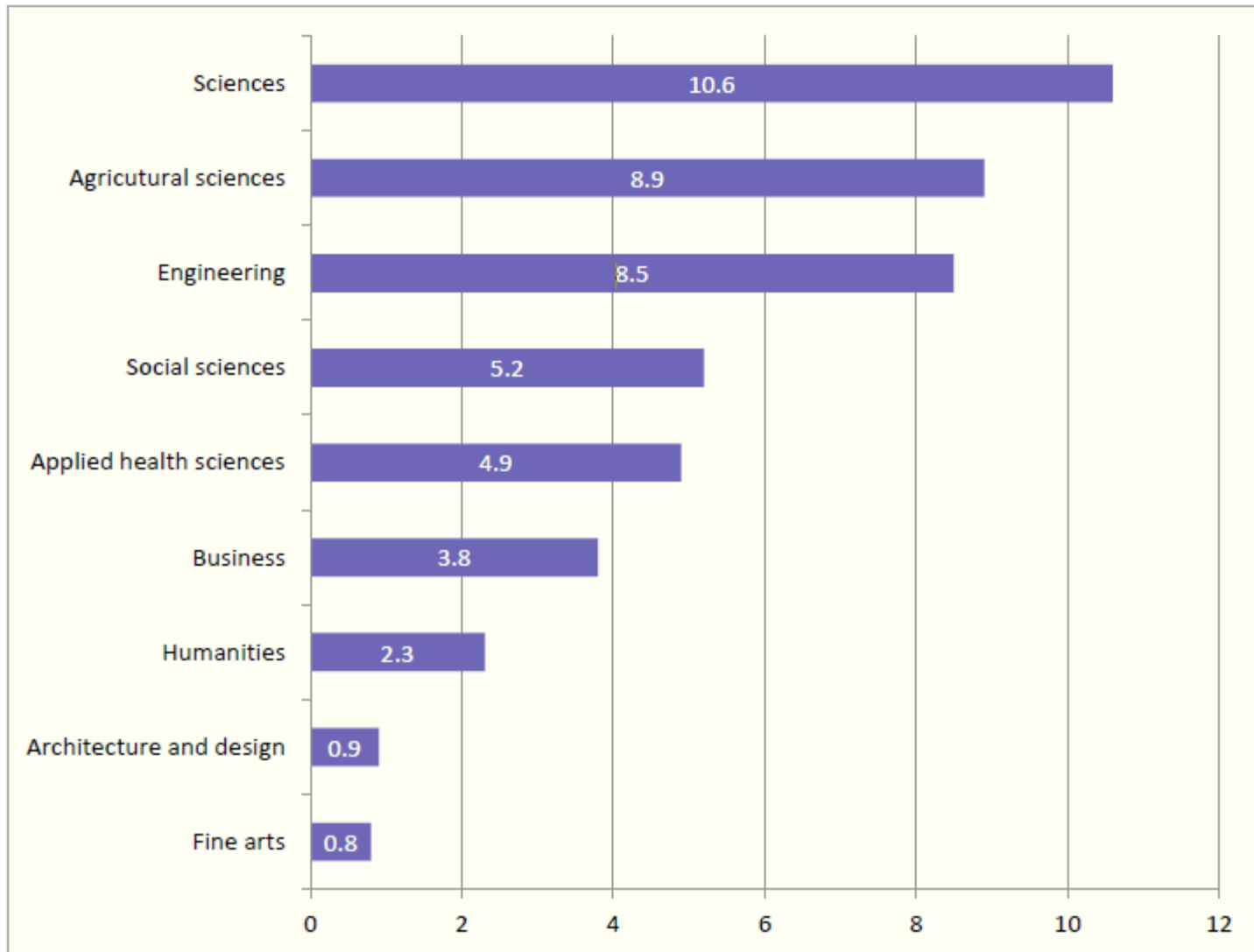
Papers: 1000 Cites/paper: 151.56 h-index: 130  
 Citations: 151557 Cites/author: 122177.09 g-index: 370  
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<input checked="" type="checkbox"/>	6829	325.19	127	JSR Jang	1993	Systems, Man and Cybernet...	ieeexplore.ieee.
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Figure 1: Mean H-index Scores by Field of Study





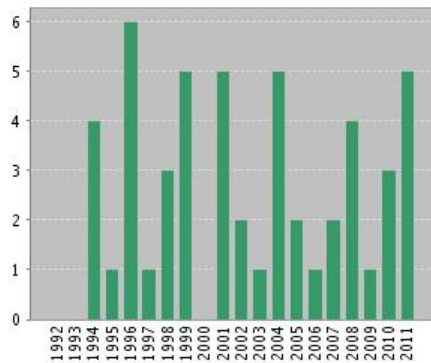
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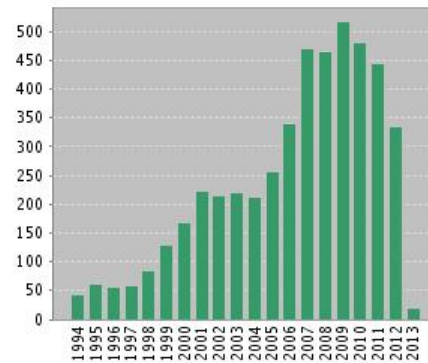
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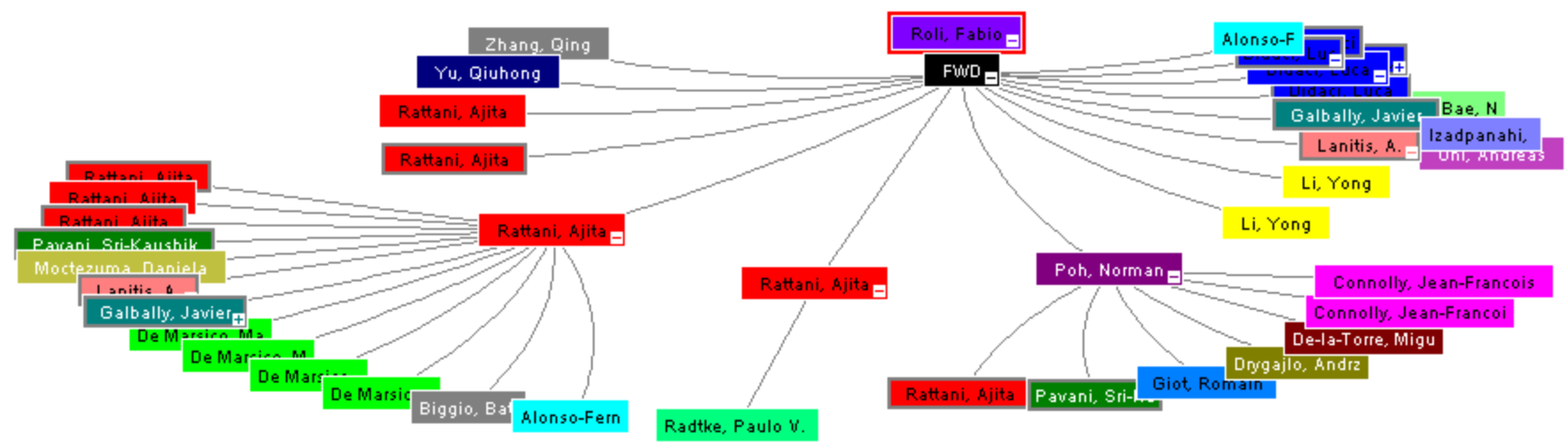
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Number / Title: WOS:000249584900124 / Template co-update in multimodal biometric systems

Journal Title: Advances in Biometrics, Proceedings

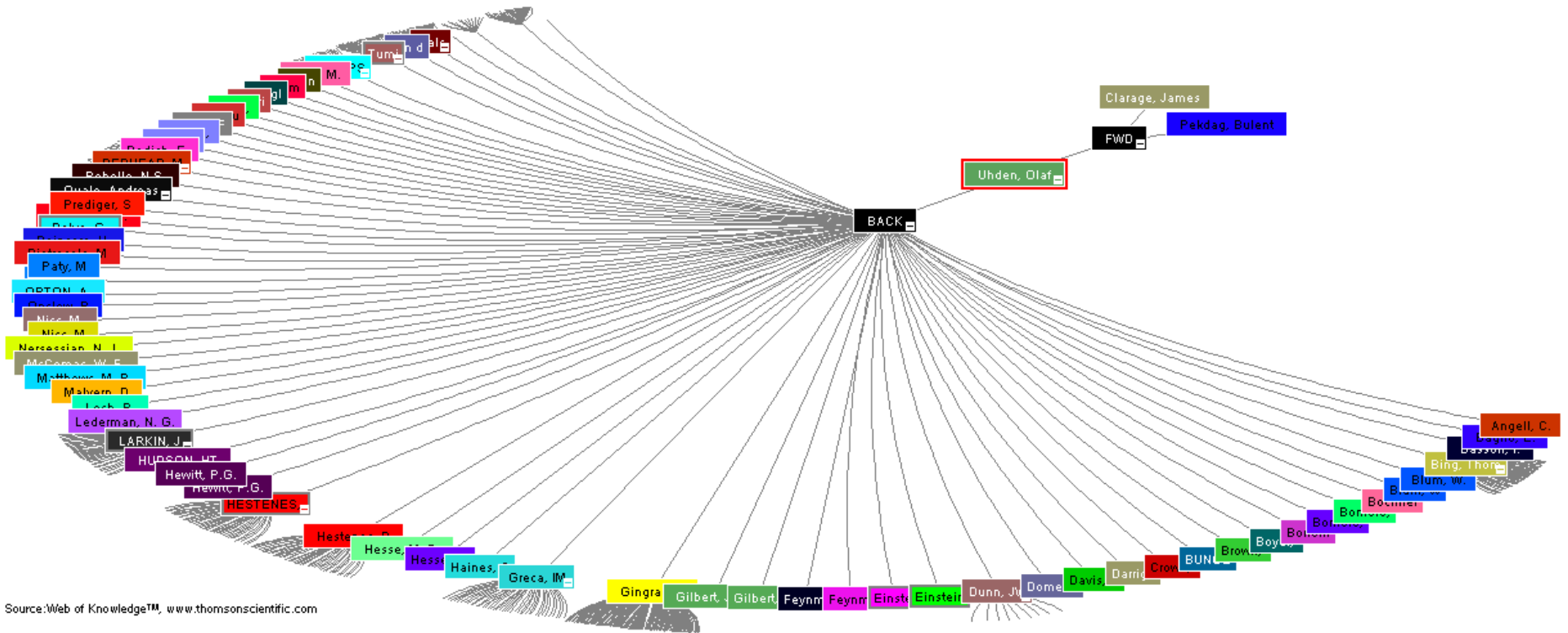
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Author: Roli F, Didaci L, Marcialis G

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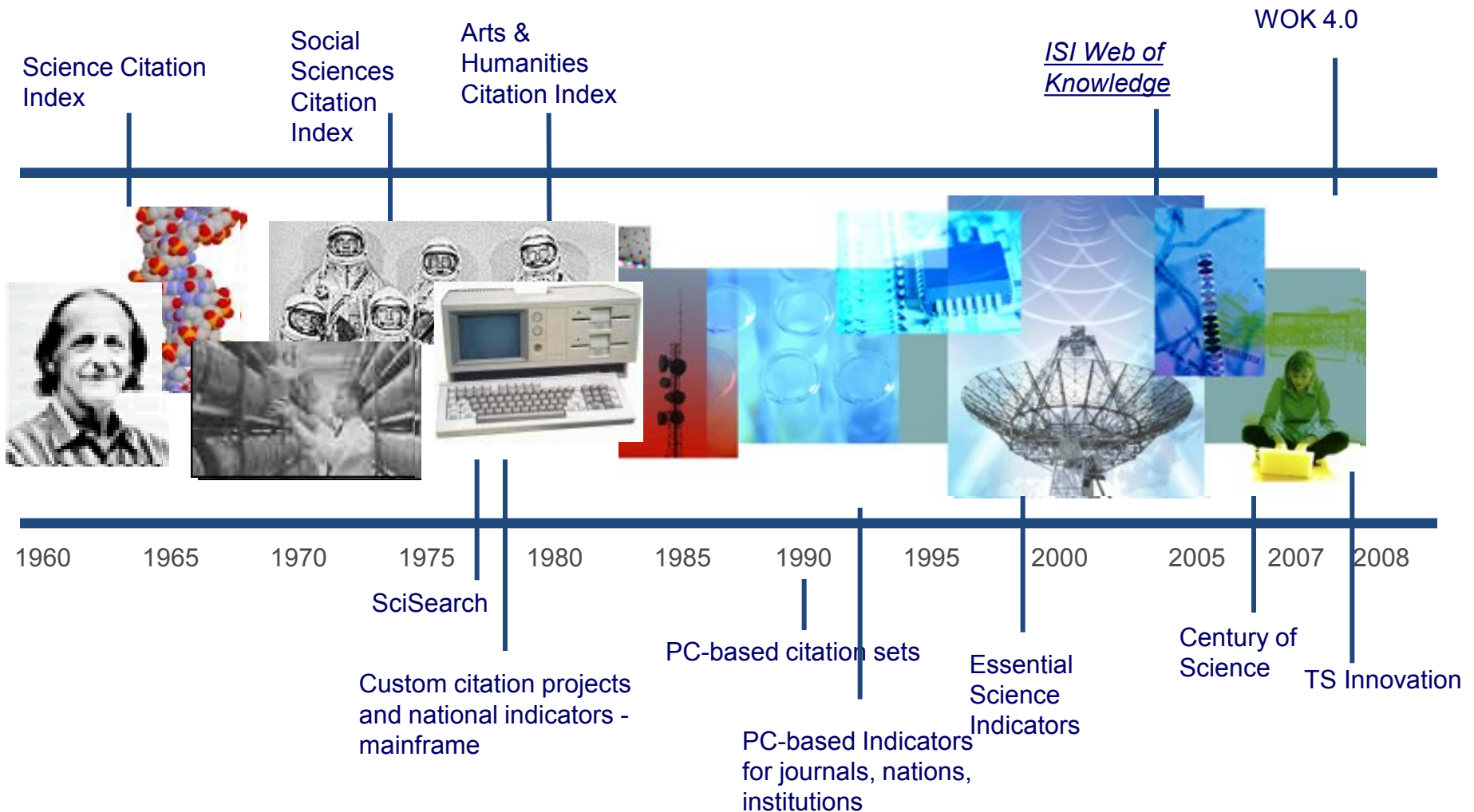
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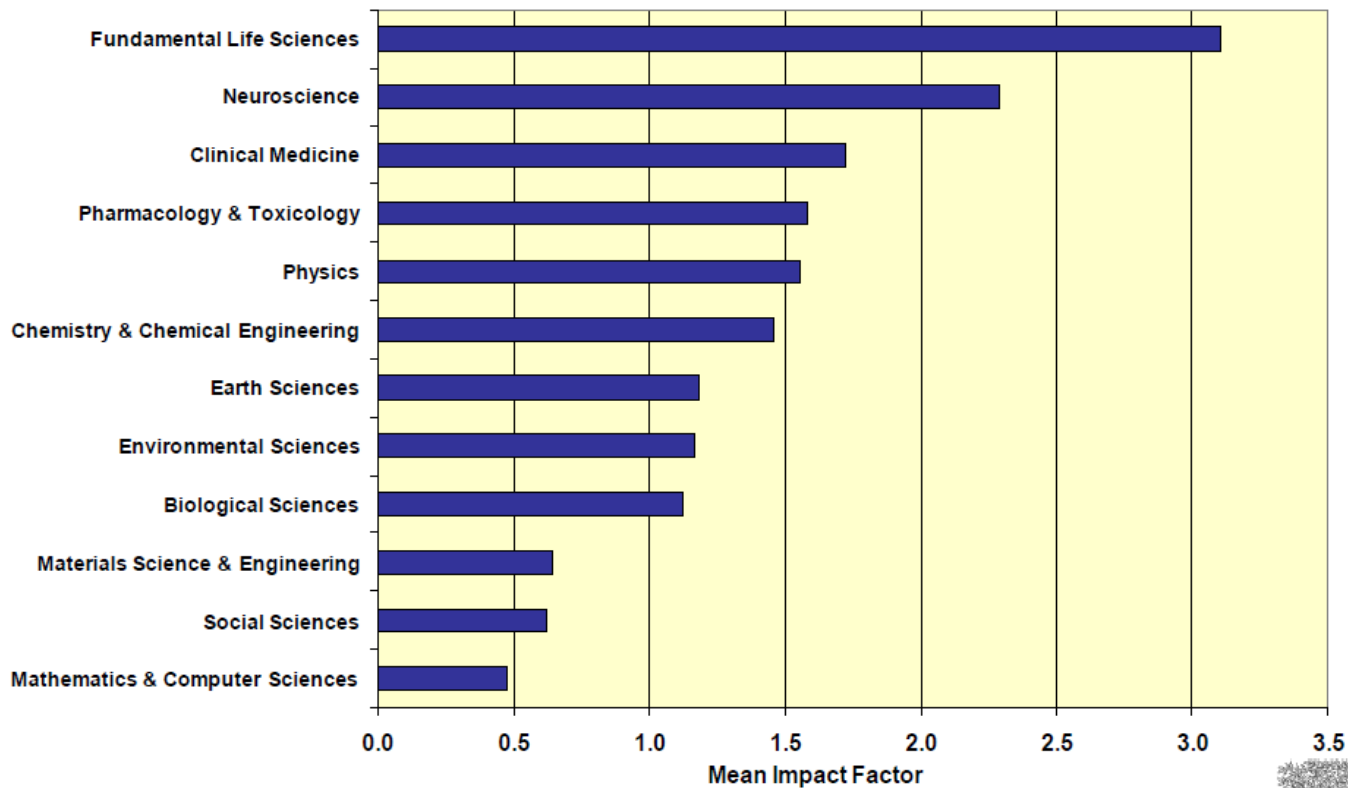
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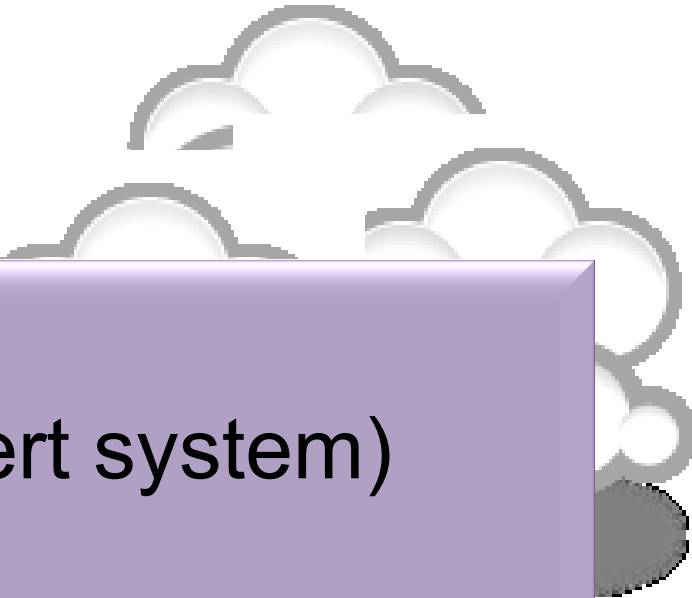
- Relative impact factors are often a better guide to the importance of a journal than raw numbers. *JCR* allows you to compare the impact factors of different journals in the same subject area
- The *Economic History Review* has an impact factor of 1.051. At first glance, it would appear that this journal is relatively unimportant. In fact, it is arguably the premier English-language journal in its field (its major competitor, the *Journal of Economic History Review*, has an even lower impact factor: a mere 0.529!). Far more illuminating is the journal's relatively high impact factor compared to other journals in the history of the social sciences. *Economic History Review* ranks first out of 15 journals in the Thomson-ISI's list of journals in this sub-discipline.

# Influences on Impact Factors: Subject Area



32





Keeping up-to-date (Alert system)  
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stances and offers related research propositions. The paper also discusses the role of the Internet in **new product** performance. Finally, the paper concludes with managerial and research implications.

### 1. **New product development** process and the role of the Internet

Past research has consistently shown that a high-quality **new product development** process is one of the most critical success factors in **new product development** [8,10–12]. As a result, it has offered numerous processes that firms can use when developing their **new products**. Cooper [13] defines a **new product development** process as a formal blueprint, roadmap, template or thought process for driving a **new product** project from the idea to market launch and beyond. The process involves predetermined set of stages and each stage consists of a set of prescribed, cross-functional and parallel activities. Each stage is preceded by a gate, controlling the flow of the process and providing a decision checkpoint in the process. Because of the stages and the

with the first and second-generation processes, the third-generation process emphasizes efficiency and effectiveness in the **new product development** process through four fundamental areas. First, it is fluid, which means that there are overlaps in stages for greater speed. Second, it involves fuzzy gates, reducing the rigidity of criteria used in the gates and allowing conditional or situational considerations of the activities. Third, it is more focused in terms of prioritizing projects. Finally, it is flexible, suggesting that each **new product** is unique and has its own unique **development** process [13].

There are also compelling issues that indicate that **new product development** process may not be uniform across firms and **products**. Takeuchi and Nanoka [14] argue that today's rapidly changing and competitive market conditions require firms to adopt a flexible and fast **new product development** process and that a holistic "rugby" style **new product development** might be needed to respond to the conditions. With this approach, **new product teams** move through all phases of the **development** together, passing the ball back and forth as they develop **new products**. Based on a case study, the authors concluded that it is possible to



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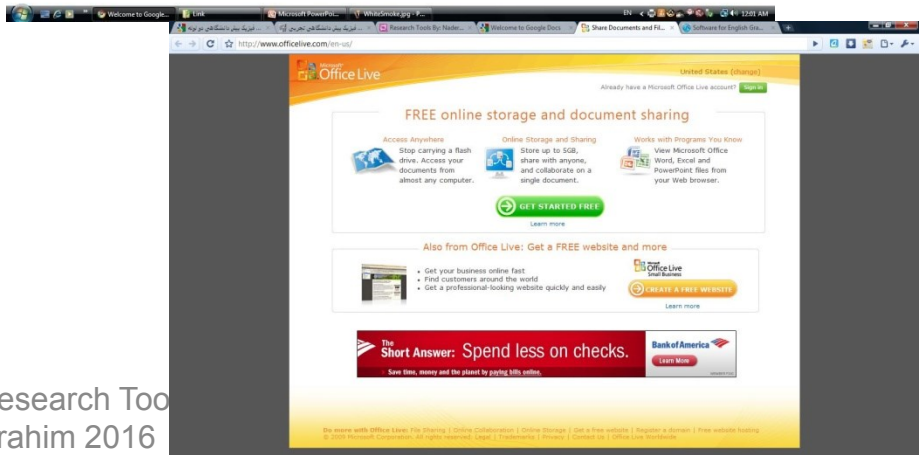
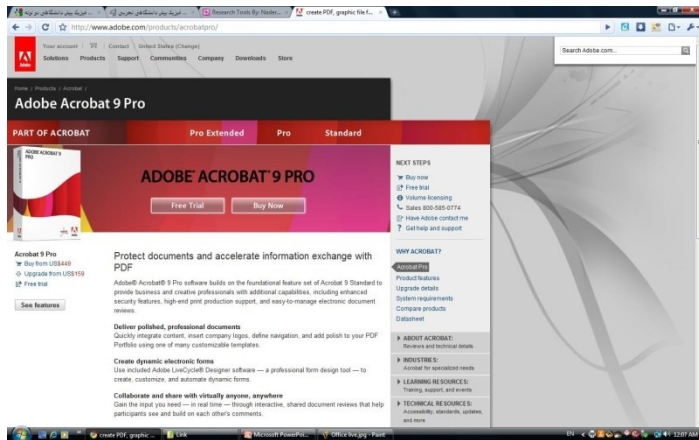
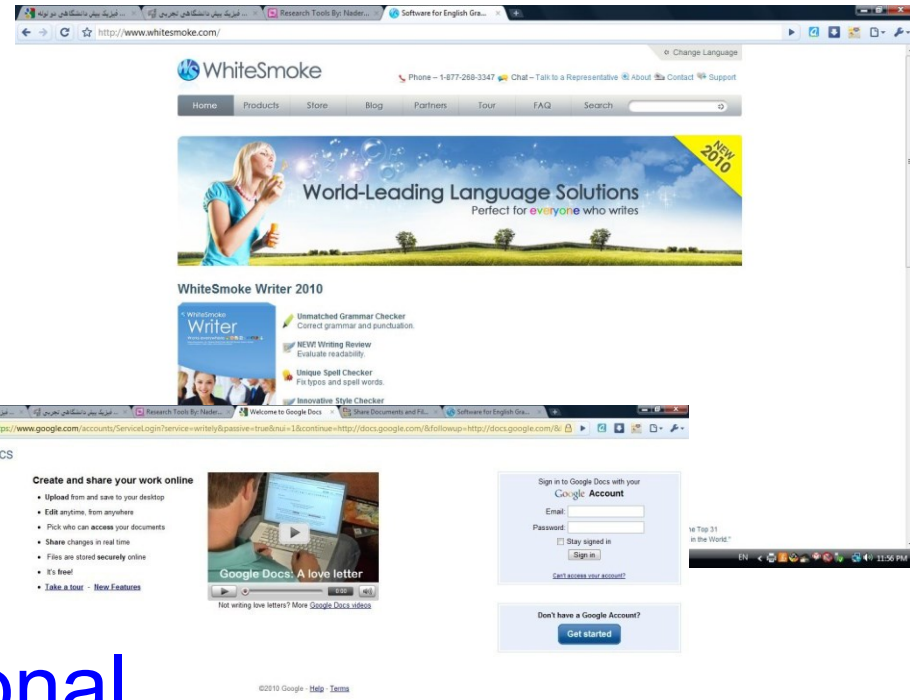
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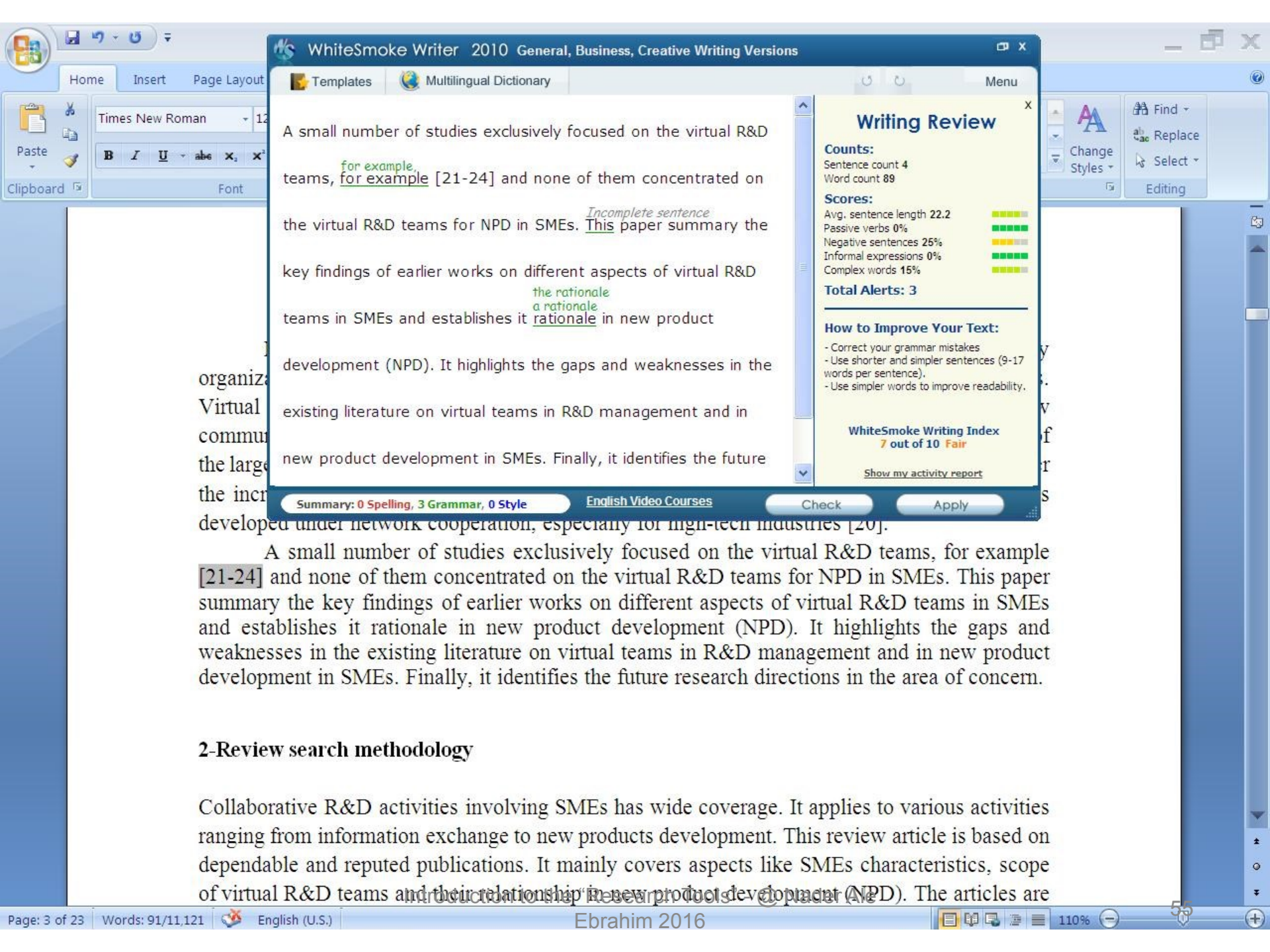
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A small number of studies exclusively focused on the virtual R&D teams, *for example,* [21-24] and none of them concentrated on the virtual R&D teams for NPD in SMEs. *Incomplete sentence* This paper summary the key findings of earlier works on different aspects of virtual R&D teams in SMEs and establishes it *the rationale a rationale* rationale in new product development (NPD). It highlights the gaps and weaknesses in the existing literature on virtual teams in R&D management and in new product development in SMEs. Finally, it identifies the future

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 developed under network cooperation, especially for high-tech industries [20].

A small number of studies exclusively focused on the virtual R&D teams, for example [21-24] and none of them concentrated on the virtual R&D teams for NPD in SMEs. This paper summary the key findings of earlier works on different aspects of virtual R&D teams in SMEs and establishes it rationale in new product development (NPD). It highlights the gaps and weaknesses in the existing literature on virtual teams in R&D management and in new product development in SMEs. Finally, it identifies the future research directions in the area of concern.

## 2-Review search methodology

Collaborative R&D activities involving SMEs has wide coverage. It applies to various activities ranging from information exchange to new products development. This review article is based on dependable and reputed publications. It mainly covers aspects like SMEs characteristics, scope of virtual R&D teams and their relationship in new products development (NPD). The articles are



Skip

We **reports** the relevant result of an online survey study.



Approve

We report the relevant result of an online survey study.

*Abstract*—In this paper, we present our more than two years research experiences on virtual R&D teams in small and medium-sized enterprises (SMEs) and draws conclusions, giving special attention to the structure of virtual teams required to support education-industry collaboration. We reports the relevant result of an online survey study. The online questionnaire was emailed by using the simple random sampling method to 947 manufacturing SMEs. The findings of this study show that SMEs in Malaysia and Iran are willing to use virtual teams for collaboration and the platform for industry-education collaboration is ready and distance between team members or differences in time zones, are not barriers to industry-education collaborations.



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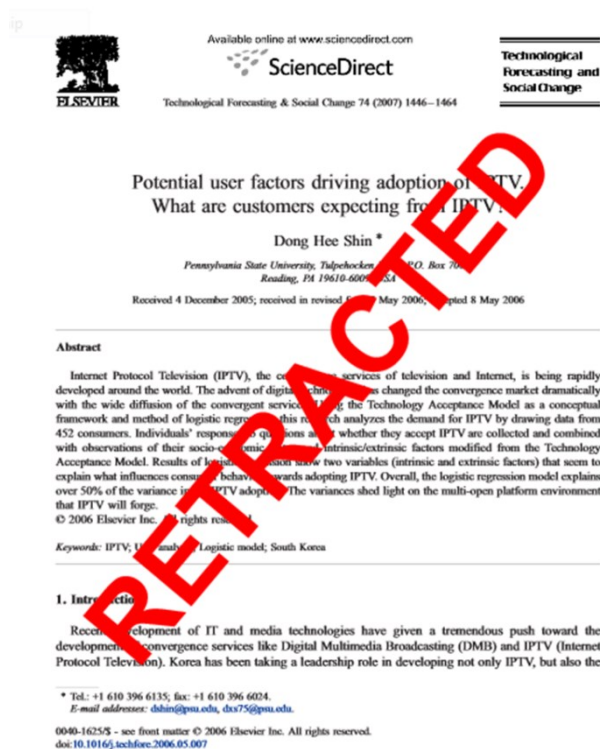
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It has been brought to the attention of the PLOS ONE editors that substantial parts of the text in this article were appropriated from text in the following publications:

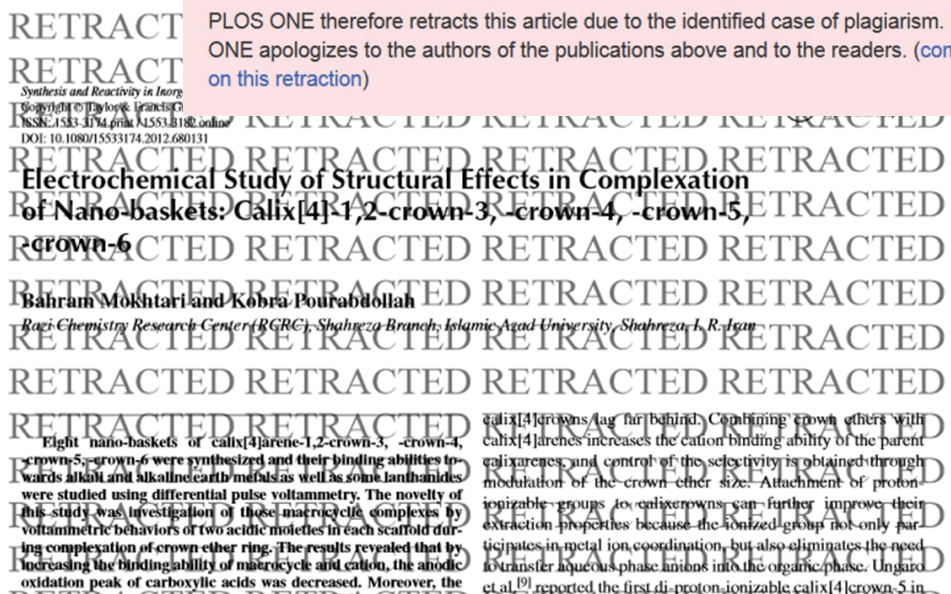
Identification and biochemical characterization of small-molecule inhibitors of Clostridium botulinum neurotoxin serotype A.

Roxas-Duncan V, Enyedy I, Montgomery VA, Eccard VS, Carrington MA, Lai H, Gul N, Yang DC, Smith LA.

Antimicrob Agents Chemother. 2009 Aug;53(8):3478-86

Eubanks LM, Hixon MS, Jin W, Hong S, Clancy CM, et al. (2007) An in vitro and in vivo disconnect uncovered through high-throughput identification of botulinum neurotoxin A antagonists. Proc Natl Acad Sci USA 104: 2602–2607.

PLOS ONE therefore retracts this article due to the identified case of plagiarism. PLOS ONE apologizes to the authors of the publications above and to the readers. ([comment on this retraction](#))



Introductio

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**THIS ARTICLE HAS BEEN RETRACTED.** See Clinics (Sao Paulo). 2013  
October; 68(10): 1382.

## An overview of recently published medical papers in Brazilian scientific journals

Mauricio Rocha e Silva and Ariane Gomes

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Outside of academia the problem of plagiarism continues to generate headlines and scandals for politicians. In Germany, two prominent cabinet members have been forced to step down due to allegations of plagiarism in their doctoral dissertations. Meanwhile, in Canada, the head of the nation's largest school district was forced to resign in the face of plagiarism allegations, and plagiarism scandals have also embroiled a senator in the Philippines, the prime minister of Romania, and several members of the Russian Duma.

Source: J. Bailey. "Defending Against Plagiarism, Publishers need to be proactive about detecting and deterring copied text.," 26 November; <http://www.the-scientist.com/?articles.view/articleNo/35677/title/Defending-Against-Plagiarism/>.

*Full Length Research Paper*

## **Computational study of environmental fate of ionic liquids using conductor-like screening model for real solvents (COSMO-RS) method**

**Zakari, A. Y., Waziri, S. M., Aderemi, B. O. and Mustapha, S. I.\***

Department of Chemical Engineering, Ahmadu Bello University Zaria, Nigeria.

The COSMO-RS method is an advanced method for the quantitative calculation of solvation mixture thermodynamics based on quantum chemistry. It was developed by Andreas Klamt and is distributed as the software COSMOtherm by his company COSMOlogic (as well as in the form of several remakes by others).

Some Nigerian researchers have used the software (without a license) and report a tremendously and completely unbelievably good correlation ( $r^2=0.992$ ) between the predicted results and experimental data for the logKow (octanol water partition coefficient) of ionic liquids.

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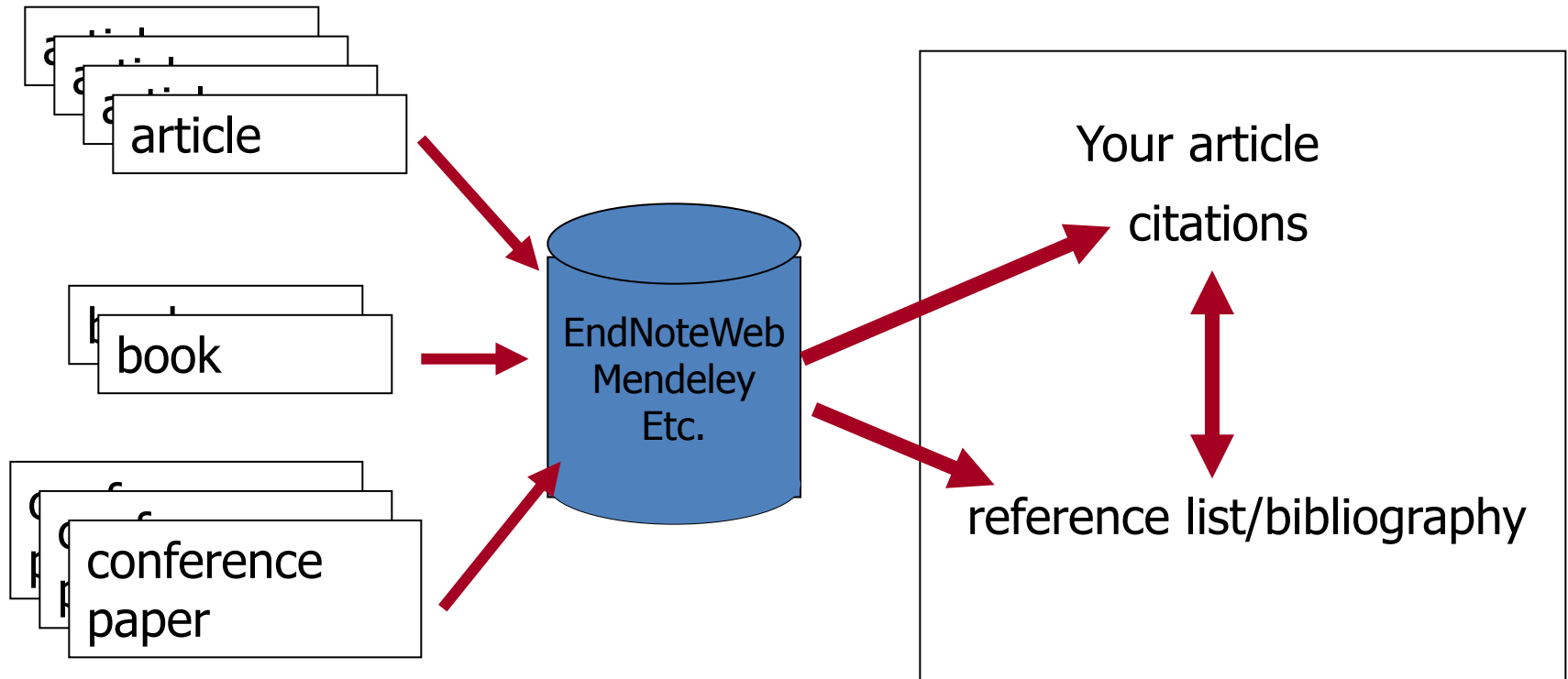


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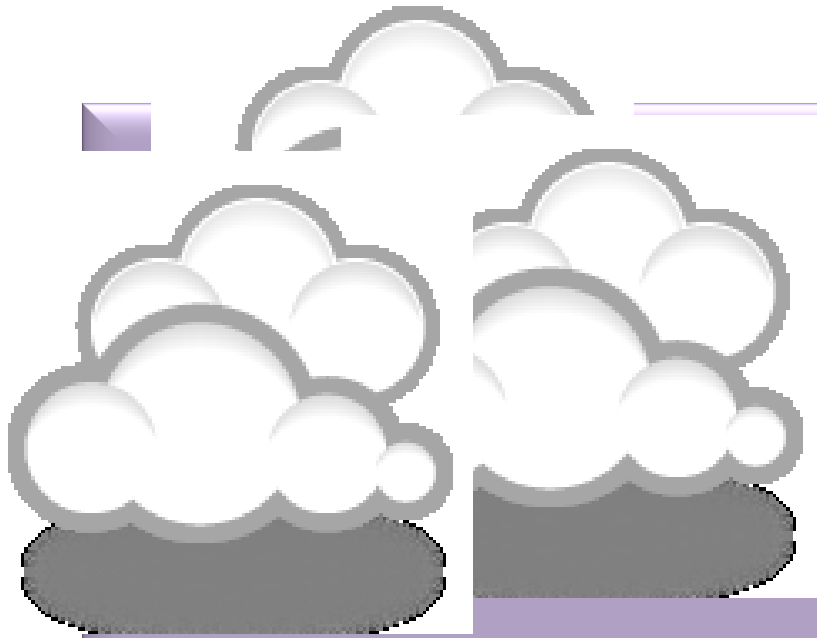
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Small and medium enterprises (SMEs) are the driving engine behind economic growth [1].

### References

- [1] N. Ale Ebrahim, S. Ahmed, and Z. Taha, "Virtual R & D teams in small and medium enterprises: A literature review," *Scientific Research and Essay*, vol. 4, pp. 1575–1590, December 2009.

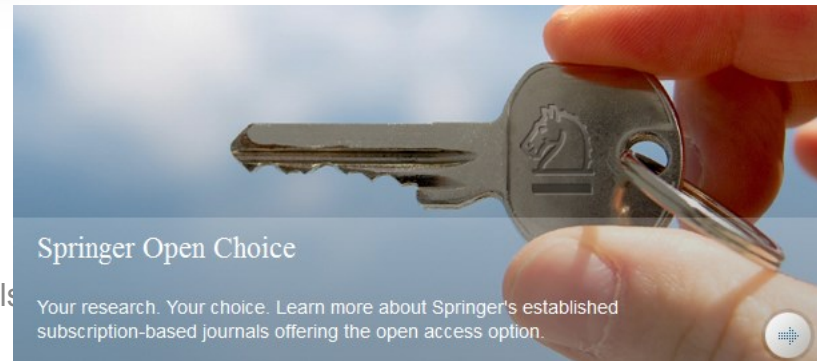


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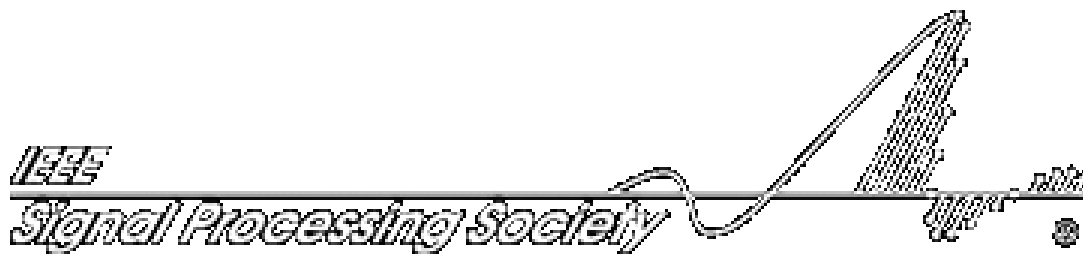
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➕ ACM Transactions on Computer-Human Interaction			1.83	Quarterly	
➕ J. Product Innovation Management			2.07	Bimonthly	
➕ Implementation Science			2.51	N/A	Full
➕ Academic Medicine			2.63	Monthly	
➕ Proceedings of the ICE - Civil Engineering			0.08	Bimonthly	
➕ J. Intelligent Manufacturing			1.08	Bimonthly	Hybrid
➕ Human Factors J. the...d Ergonomics			1.37	Quarterly	
➕ Applied Ergonomics			1.46	Bimonthly	
➕ Information Systems Frontiers			1.59	Bimonthly	Hybrid

**Master the Journal Selector  
in 3 easy steps**

Journal Selector explained for:

Scientists

Publishers and Journals





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# Springer Journal Selector <sup>Beta</sup>

Choose the Springer journal that's right for you!

FAQ

Journals	Recommended: 5	Match ▼	Impact Factor	Publishing Model
+ Group Decision and Negotiation			1.01	Hybrid
+ J. Intelligent Manufacturing			0.85	Hybrid
+ J. Business and Psychology			1.25	Hybrid
+ Information Systems Frontiers			0.91	Hybrid
+ Implementation Science			3.1	Full OA
+ Computer Supported Cooperative Work (CSCW)			1.07	Hybrid
+ Research in Engineering Design			1.24	Hybrid
+ Electronic Markets			0.78	Hybrid
+ Business & Information Svstems Engineering			0.65	Hvbrid

# Perfect Match: EndNote's latest feature matches article drafts with publications

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 Search for  
 in All My References  
 Search

**My References**  
 All My References (5906)  
 [Unfiled] (1258)  
 Quick List (0)  
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 ▼ My Groups  
 Acknowledgment (13)  
 Ahmed (51)  
 Cited My Papers (272)  
 Collaborative (124)  
 EndNote Video (1)  
 Entrepreneurship (5)  
 Group Paper (29)  
 H-Index (1894)  
 Innovation (4)

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 Show 50 per page Page 1 of 1 Go  
 All Page Add to group... Copy To Quick List Delete Sort by: First Author -- A to Z  
 Remove from Group

Author	Year	Title
<input type="checkbox"/> Aghaei Chadegani, Arezoo	2013	A Comparison between Two Main Academic Literature Collections: Web of Science and Scopus Databases Asian Social Science Added to Library: 03 Jul 2013 Last Updated: 13 Mar 2015 Online Link→ Go to URL
<input type="checkbox"/> Ahmad Jafarnejad	2009	Determinants of Foreign Direct Investment in Iran: An Empirical Study Using Structural Equation Modelling Middle East FORUM Added to Library: 02 Jul 2013 Last Updated: 13 Mar 2015 Online Link→ Go to URL
<input type="checkbox"/> Ale Ebrahim, Nader	2009	Innovation and R&D Activities in Virtual Team European Journal of Scientific Research

# Perfect Match: EndNote's latest feature matches article drafts with publications

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**References:**

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### 2 Journal Matches

<a href="#">&lt; Edit Manuscript Data</a> <a href="#">Expand All</a>   <a href="#">Collapse All</a>					
Match Score	JCR Impact Factor Current Year   5 Year	Journal	Similar Articles		
	<b>1.338</b> <b>1.435</b> 2013 5 Year	RESEARCH EVALUATION	0		
<b>Top Keyword Rankings</b> <ul style="list-style-type: none"> <li>citations</li> <li>papers</li> <li>highly cited</li> <li>publications</li> </ul>		<b>JCR Category</b> INFORMATION SCIENCE & LIBRARY SCIENCE	<b>Rank in Category</b> 23/84	<b>Quartile in Category</b> Q2	
		<b>Publisher:</b> GREAT CLARENDON ST, OXFORD OX2 6DP, ENGLAND ISSN: 0958-2029 eISSN: 1471-5449	Was this helpful? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <a href="#">Submit &gt;&gt;</a> <a href="#">Journal Information &gt;&gt;</a>		
	<b>3.58</b> <b>3.609</b> 2013 5 Year	JOURNAL OF INFORMETRICS	0		
			Was this helpful? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <a href="#">Submit &gt;&gt;</a> <a href="#">Journal Information &gt;&gt;</a>		

# Where should I submit my publication?

## If you want your article to ...

---

- Publish in most influential or highly cited journal
  - Use Impact Factor or
  - 5 Year Impact Factor (for subjects need longer citation period, e.g. GEOLOGY or MANAGEMENT or SOCIOLOGY, etc)
- To reach out to readers and be read immediately
  - Use Immediacy Index
- Stay active in journal collection
  - Use Cited Half Life

*Note: The above only serves as general guidelines, deeper understanding of JCR, the subjects and dynamic publication cycles are crucial when deciding where to publish your paper.*





Promote your publication

# 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](#)

[Source: Washington University School of Medicine, St. Louis Missouri](#)

# 1-Use a unique name consistently throughout academic careers

The preferred form of an author's name is **first name** and **last name**; this form reduces the likelihood of mistaken identity. **Use the same name for publication throughout your career**; that is, do not use initials on one manuscript and your full name on another one. Determining whether **Juanita A. Smith** is the same person as **J. A. Smith**, **J. Smith**, or **A. Smith** can be difficult, particularly when citations span several years.

## 2- Use a standardized institutional affiliation and address

### Recommended Affiliation Citation

#### *Use This:*

Mae O. Gordon  
Department of Ophthalmology and Visual Sciences  
Washington University School of Medicine in St. Louis  
660 South Euclid Avenue  
Saint Louis, Missouri 63110  
United States of America

#### *Not This:*

M. Gordon  
Dept. of Ophthal. and Vis. Sci.  
Wash. U. Sch. Med.  
660 S. Euclid Ave.  
St. Louis, MO

Source: <https://becker.wustl.edu/impact-assessment/strategies>

# 3- Repeat key phrases in the abstract while writing naturally

The abstract is the main place that a search engine will take the data from which determine where your article should place in its results:

Including the keywords and key phrases in your abstract is one of the best ways to optimize your article on search engines. It allows Google to assess your article for its relevance to certain search terms

After you've ensured you have chosen the best keywords and you have deployed them in the right ways in your abstract and title, make sure you use them throughout your article: consider using them in subheadings, within the titles of figures and tables, as well as in the main body of the text. Search engines can also look at these places

Consider the first sentence of your abstract – this is visible within the Google search results, therefore your first sentence should get straight to the points and include strong keywords. See the example below:



[Emerald | Celebrity endorsement, brand credibility and brand equity](#)

[www.emeraldinsight.com/journals.htm/journals.htm?...show...](http://www.emeraldinsight.com/journals.htm/journals.htm?...show...)

by A Spry - 2011 - Cited by 11 - Related articles

Purpose – This research aims to examine the impact of **celebrity credibility** on consumer-based **equity** of the **endorsed brand**. The mediating role of brand ...

Source: <http://www.emeraldgrouppublishing.com/authors/guides/promote/optimize1.htm?PHPSESSID=ric7dfpvo045ciuafbolminpc4>

## 4-Select a proper title

**As an author, you can dramatically improve the chances of your article being downloaded once it's online, before you even submit it!**

There are three easy steps you can take to ensure it enjoys high usage:

[Choose a descriptive title](#)

[Use appropriate keywords](#)

[Write an informative abstract](#)

Source: <http://www.emeraldinsight.com/authors/guides/promote/optimize1.htm>

# 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”

**exemplar**  
words in context  beta

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**BMHLINGUISTICS**  
Centre for Biomedical and Health  
Linguistics

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Searching **6,722,121** documents.

Discover how a particular term or phrase is used in scientific literature

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Showing 1 to 25 of 639858 matching articles

Results per page:  ▾

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# Compare Keywords “Senior Population” with “Aged”

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## Web of Science®

**Results** Title=("Aged")  
Timespan=All years. Databases=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH.

[Create Alert / RSS](#) [Scientific WebPlus BETA View Web Results >>](#)

Results: **36,887** [◀](#) [◀](#) Page  of 3,689 [Go](#) [▶](#) [▶](#) Sort by:  ▼

# 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>

## 5-Select/Make a brand name

- ***Make a unique phrase that reflects author's research interest and use it throughout academic life.***
- Add the name of study in the title of all publications and use the same title/name consistently.

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

# 6- Assign keyword terms to the manuscript

Selecting keywords lead to get more citation.

Google AdWords



ISI Web of  
**KNOWLEDGE**  
*Transforming Research*

**MASTER KEYWORDS**  
- **IST**  
Journal of International Business  
Studies

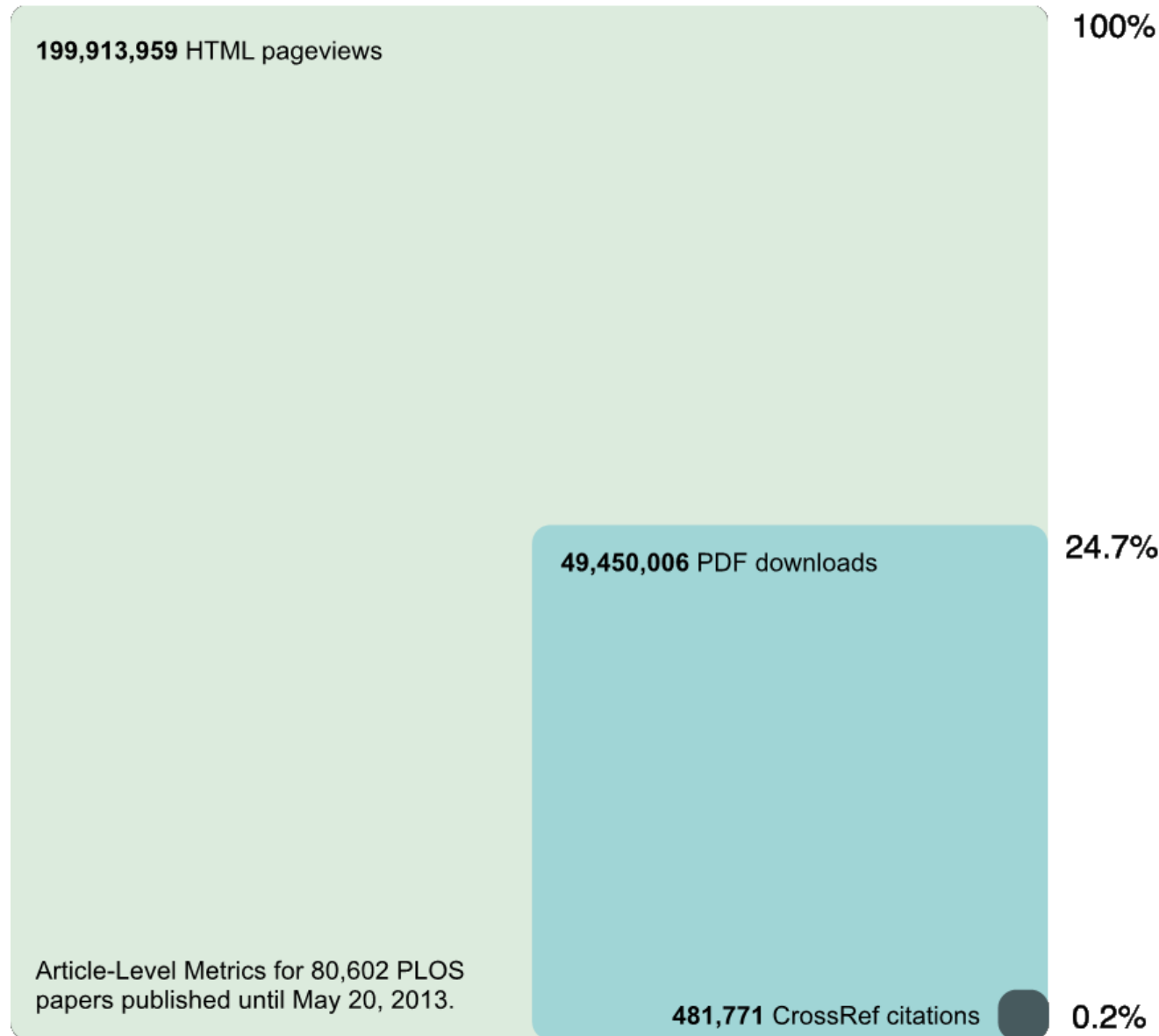
Google Trends



MeSH (Medical Subject Headings)

Numbers are  
GREAT

but what's the  
impact of the  
research?



Source: [Finding Insights in ALMS for Research Evaluation. Posted on November 20, 2013 by PLoS Admin](#)

# 7- Use more references



**nature** International weekly journal of science

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Published online 13 August 2010 | Nature | doi:10.1038/news.2010.406

**News**

## An easy way to boost a paper's citations

**An analysis of over 50,000 *Science* papers suggests that it could pay to include more references.**

Zoë Corbyn

A long reference list at the end of a research paper may be the key to ensuring that it is well cited, according to an analysis of 100 years' worth of papers published in the journal *Science*.



[Citations](#)  
[Citation counts](#)  
[Scientific articles](#)  
[Bibliometrics](#)  
[Journals](#)

www.nature.com/news/ewhere



# 8- Write a longer paper

**nature** International weekly journal of science

[nature news home](#) [news archive](#) [specials](#) [opinion](#) [features](#) [news blog](#) [na](#)

▶▶ [Take our survey for a chance to win a MacBook Air.](#)

 [comments on this story](#)

Published online 17 September 2008 | *Nature* **455**, 274-275 (2008) | doi:10.1038/455274a

News

## A longer paper gathers more citations

### Stories by subject

- [Physics](#)
- [Space and astronomy](#)

### Stories by keywords

- [Citations](#)
- [Scientific publications](#)
- [Astronomy](#)
- [h-index](#)
- [Bibliometrics](#)

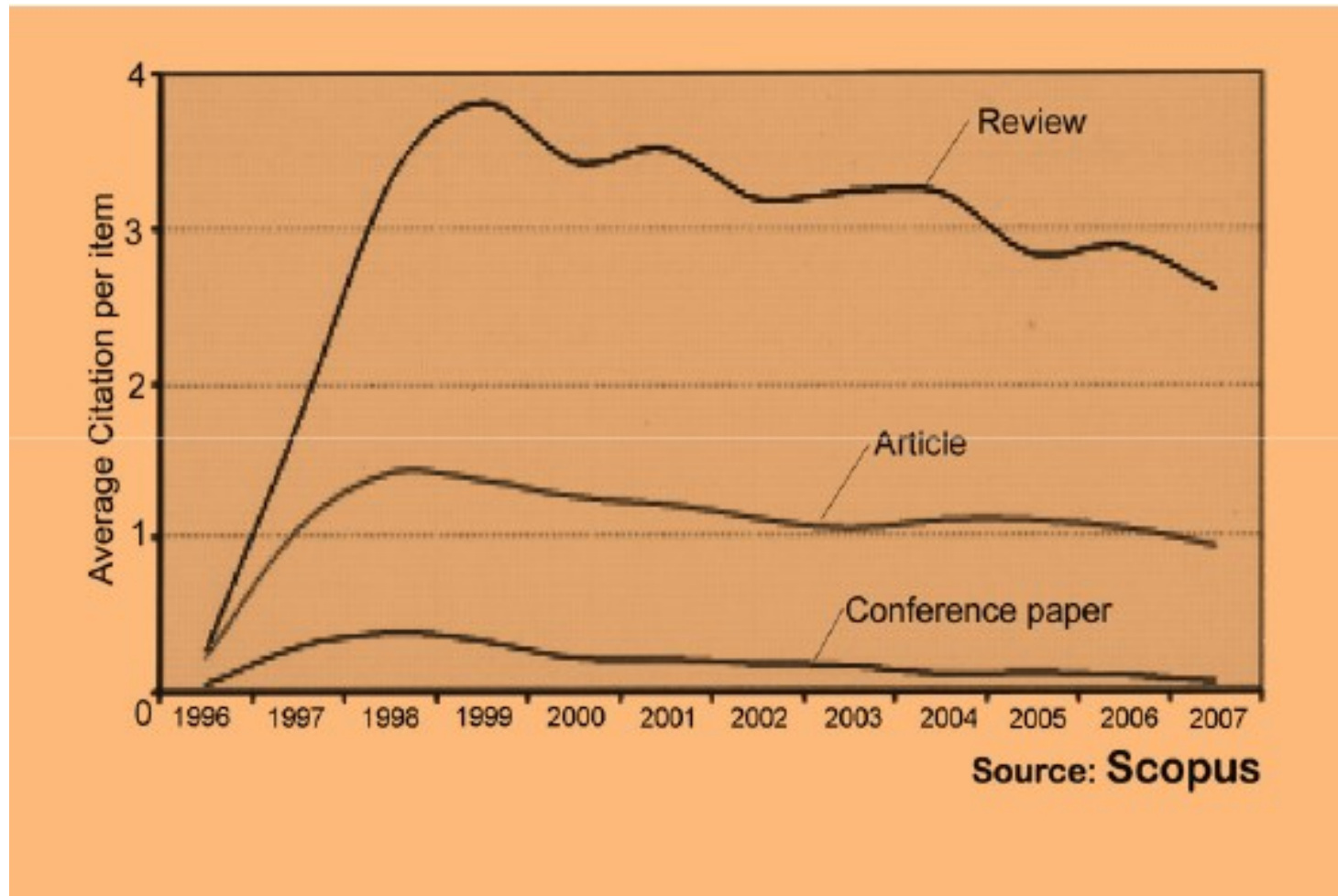
**Brevity is not the secret to scientific success.**

Philip Ball

Researchers could **garner** more citations simply by making their papers longer, a study seems to imply.

In an analysis of 30,027 peer-reviewed papers published between 2000 and 2004 in top astronomy journals, astronomer Krzysztof Stanek of Ohio State University in Columbus found that the median number of citations increases with the length of the paper — from just 6 for papers of 2–3 pages to about 50 for 50-page papers<sup>1</sup>.

# 9- Write a review paper



# 10-Present a working paper

Working papers are freely available before and after the articles are published. Researchers may upload their working papers into open access repositories including the personal websites or more formal repositories such as arXiv and SSRN.

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

# 11-To be the best, cite the best

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). [To be the best, cite the best. Nature 539. doi: doi:10.1038/news.2010.539](https://doi.org/10.1038/news.2010.539)

# 12-Self Citation

“Self-citation refers to a paper being submitted to a specific journal in which papers that have been published during the previous 2 years in that same journal are cited in the reference list. While self-citation of relevant papers is legitimate, excessive self-citation can indicate a manipulation.

Thomson Reuters resource known as Web of Science, the company which now lists journal impact factors, considers self-citation to be acceptable up to a rate of 20%, anything over that is considered suspect” (Diana Epstein, 2007).

- [Source: Diana Epstein, Impact factor manipulation, The Journal of the European Medical Writers Association, Vol. 16, No. 3, 2007](#)

## 13-Co-authorship internationally

- Citation analysis shows that papers with international co-authors are cited up to **four times** more often than those without international co-authors.

Source: <http://www.bath.ac.uk/library/services/eprints/improve-citations.pdf>

## 14- Publish papers with a Nobel laureates

- Some landmark papers of Nobel laureates quite quickly give their authors a sudden boost in citation rate and this boost extends to the author's earlier papers too, even if they were in unrelated areas ([Ball 2011](#)).

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

## 15-Publish your article in one of the journals everyone in your discipline reads

- Choosing a journal that matches with a researcher's field of study is thus very important because it makes it more likely that the article receives more citation. A journal which covers a broad range of disciplines may be the best.

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



# 16-Publish your work in a journal with the highest number of indexing

1. ABI/INFORM
  2. Association of Business Schools' (ABI) Academic Journal Quality Guide ([www.the-abs.org.uk](http://www.the-abs.org.uk))
  3. Australian Business Deans' Council (ABDC) Journal Quality List
  4. Australian Research Council ERA Ranked Journal List
  5. Compendex
  6. Computer Abstracts International Database
  7. Current Contents / Engineering, Computing & Technology
  8. Current Contents / Social & Behavioural Sciences
  9. 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](#)

# 17- Publish in an Open Access (OA) 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.

# 18-Publish in a journal with high impact factor

- The most effective strategy to increase citation rates is publishing in a journal with higher impact factor ([Vanclay 2013](#)).
- [Dhawan and Gupta \(2005\)](#) studied 1101 papers and found that articles published in high impact factor journals increase the probability of getting cited.

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

# 19-Team-authored articles get cited more

- [Wuchty et al. \(2007\)](#) have used 19.9 million papers over 50 years and demonstrated that team-authored articles typically produce more frequently cited research than individuals.
- A recent study by [Cotropia and Petherbridge \(2013\)](#) in law review articles which were published within two decades also demonstrated that team research is on average more frequently cited than individual research.
- Typically high cited articles are authored by a large number of scientists ([Aksnes 2003](#)).

## 20-Use a larger number of “callouts”

- A “callout” is a phrase or sentence from the paper that is displayed in a different font, somewhere in the paper.
- Papers with a larger number of “callouts” be likely to receive a higher number of citations ([Hamrick et al. 2010](#)).
- Generally, callouts are inserted by the editorial staff to call attention to potentially interesting aspects of a paper ([Hamrick et al. 2010](#)).

# 21- Publish across disciplines

- Publishing across disciplines has been found to increase citation e.g. chemistry, biological science and physics ([Ortega and Antell 2006](#)).

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

## 22- Publish tutorials papers

- Tutorial paper is “a paper that organizes and introduces work in the field.
- A tutorial paper assumes its audience is inexpert; it emphasizes the basic concepts of the field and provides concrete examples that embody these concepts ([ACM 2013](#))”.
- Tutorials papers tend to have a higher number of citations ([Hamrick et al. 2010](#)).

## 23-Self-archive articles

- Free online availability increases a paper's impact ([Lawrence 2001](#));
- Freely accessible articles increase citations by 50% or more ([Harnad 2006](#)).
- [Gargouri et al. \(2010\)](#) have made a strong and a declarative link between self-archiving and increased citation performance.

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:

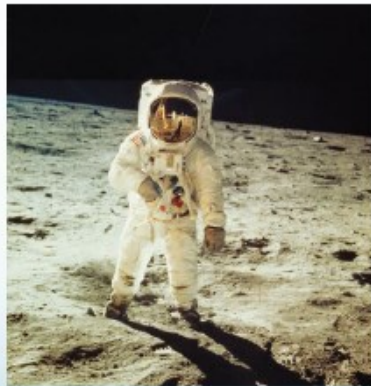
10.5539/ies.v6n11p93



# 24-Keep your professional web pages and published lists up to date

## WHAT IS A GOOD SCIENTIFIC ARTICLE?

Novelty



Communication



# 25-Deposit paper in Open Access repository

Size of OA citation advantage when found (and where explicitly stated by discipline)	% increase in citations with Open Access
Physics/astronomy	170 to 580
Mathematics	35 to 91
Biology	-5 to 36
Electrical engineering	51
Computer science	157
Political science	86
Philosophy	45
Medicine	300 to 450
Communication studies (IT)	200
Agricultural sciences	200 to 600

Effect of Open Access (OA) to increase the level of citations ([Swan 2010](#)).

## 26-Join academic social networking

- Increasing the availability of articles through social networking sites broadens dissemination, increases use, and enhances professional visibility.
- Academia is an online social reference tool that allows reference sharing among academics and researchers. Alternatively, researchers may use Citeulike to share their interests in research publications ([Wong 2008](#)). Academia, Citeulike, ResearchGate and LinkedIn are just a few examples of knowledge sharing tools to make others aware of research articles that may be of relevance to authors and hence get cited.

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

## 27-Start blogging

- Use blogs and podcasts to leverage on-going researcher discussion on the Internet ([Taylor & Francis Group 2012a](#)).
- Web 2.0 tools such as wikis and blogs can be created to inform, describe and link people's research interests and publications ([Wong 2008](#)).

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

# 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



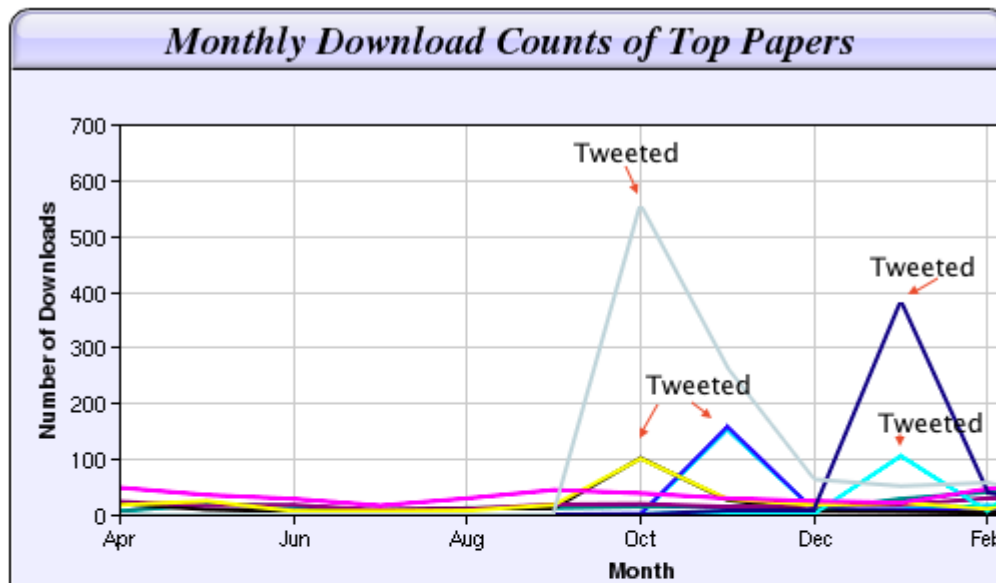
## About Me



**John R. Turner**

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

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




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).

- 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
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## 28- Create an online CV

- Online CV makes a link between the list of published papers and open access versions of relevant articles ([Sahu 2005](#)). Online CV increases researchers' output visibility to the academic community.

# 29-Contribute to Wikipedia



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## Virtual team

From Wikipedia, the free encyclopedia

A **virtual team** (also known as a **geographically dispersed team**, **distributed team**, or **remote team**<sup>[1]</sup>) is a group of individuals who work across time, space and organizational boundaries with links strengthened by webs of **communication technology**.<sup>[2]</sup> Powell, Piccoli and Ives define virtual teams in their literature review article "as groups of geographically, organizationally and/or time dispersed workers brought together by information and telecommunication technologies to accomplish one or more organizational tasks."<sup>[3]</sup> **Ale Ebrahim, N.**, Ahmed, S. & Taha, Z. in a 2009 literature review paper, added two key issues to definition of a virtual team "as **small temporary groups of geographically, organizationally and/ or time dispersed knowledge workers** who coordinate their work predominantly with electronic information and communication technologies in order to accomplish one or more organization tasks".<sup>[4]</sup> Members of virtual teams **communicate electronically** and may never meet **face-to-face**. Virtual teams are made possible by a proliferation of **fiber optic technology** that has significantly increased the scope of off-site **communication**.<sup>[5]</sup> Virtual teams allow companies to procure the best talent without geographical restrictions.<sup>[5]</sup> According to Hambley, O'Neil &



30-Create a podcast describing the research project and submit the podcast to YouTube or Vimeo

- Research is not just text and figures. Create a podcast describing the research project and submit the podcast to YouTube or Vimeo ([Sarli and Holmes 2011](#)).
- Video is an increasingly important way for researchers to communicate their results ([Sarli and Holmes 2011](#)).

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

# 31-link your latest published article to your email signature

- A great way to spread researchers' outputs and get extra attention of email recipient is to add a link to the latest publication. This little section of contact information that most people ignore, provides a good platform for publication marketing.

Example:

Nader Ale Ebrahim, PhD

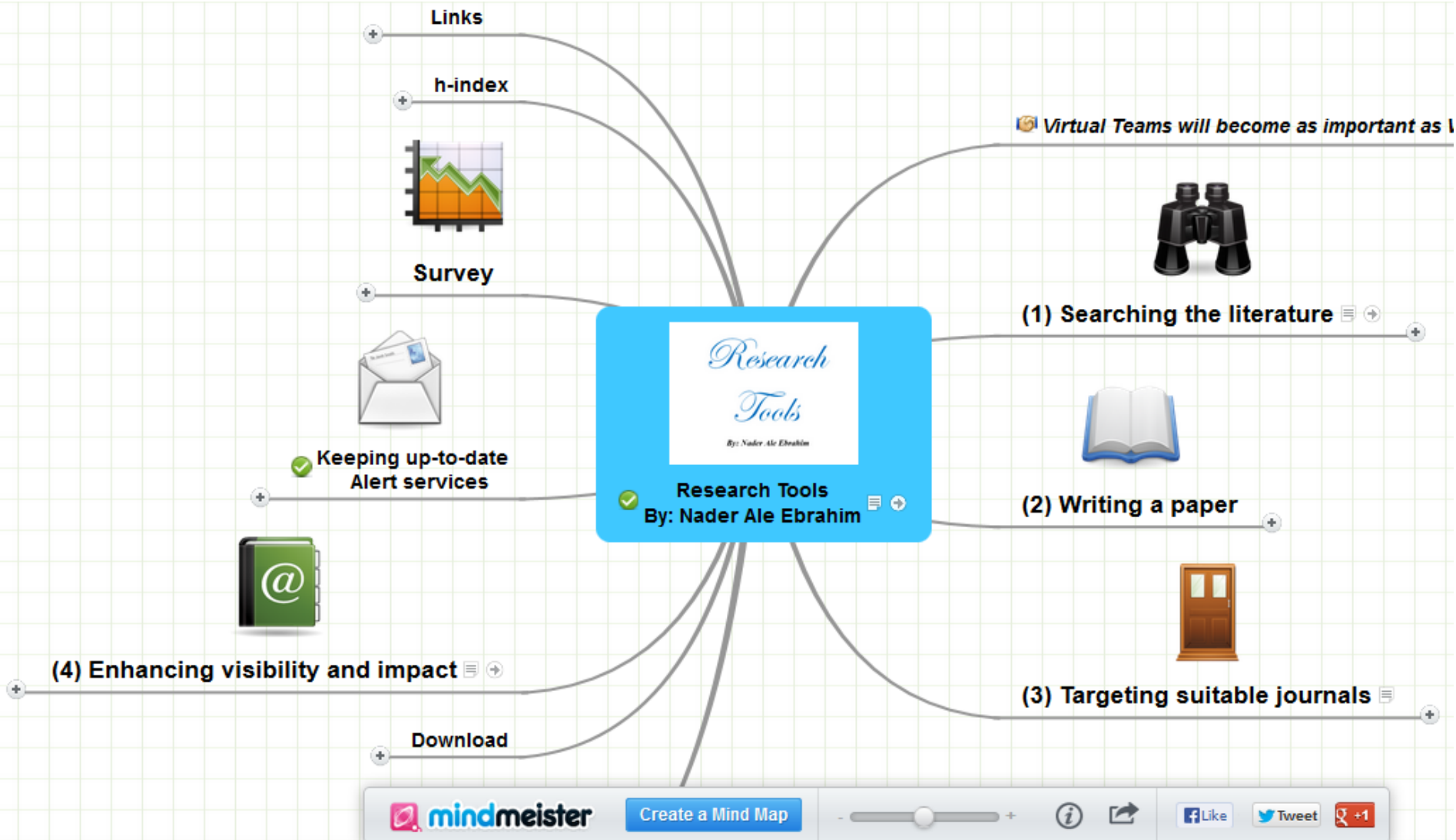
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<http://ssrn.com/author=1379350>  
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## 32-Make your research easy to find, especially for online searchers

Search engines estimate the content's relevancy and popularity as measured by links to the content from other websites. Most search engines attempt to identify the topic of the piece of content. To do this, some search engines still use **metadata tags (invisible to the user)** to assess relevant content, but most now scan a page for **keyword phrases**, giving extra weight to phrases in headings and to repeated phrases.

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

# 33-Use all “Enhancing Visibility and Impact” tools



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

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



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 Section: Original Research  
 Authors: Andre Matthias Müller<sup>1</sup>, Payam Ansari<sup>1</sup>, Nader Ale Ebrahim<sup>2</sup>, and Selina Khoo<sup>1</sup>  
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 Acceptance Date: November 18, 2015  
 DOI: <http://dx.doi.org/10.1123/japa.2015-0188>

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

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

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



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