

# *How to Write A Good Paper and Publish in International Journals*

*Discover, design, write, submit*

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Thomson Reuters  
Solutions Consultant, Southeast Asia

24th Nov 2015,  
Chulalongkorn University, Thailand  
จุฬาลงกรณ์มหาวิทยาลัย, ประเทศไทย



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## *Disclaimer*

Don't believe everything he says! Exercise independent thinking!

Dr SEE shares his own personal research experience. Your experience may (very likely) be different.



## *Take Home Message*

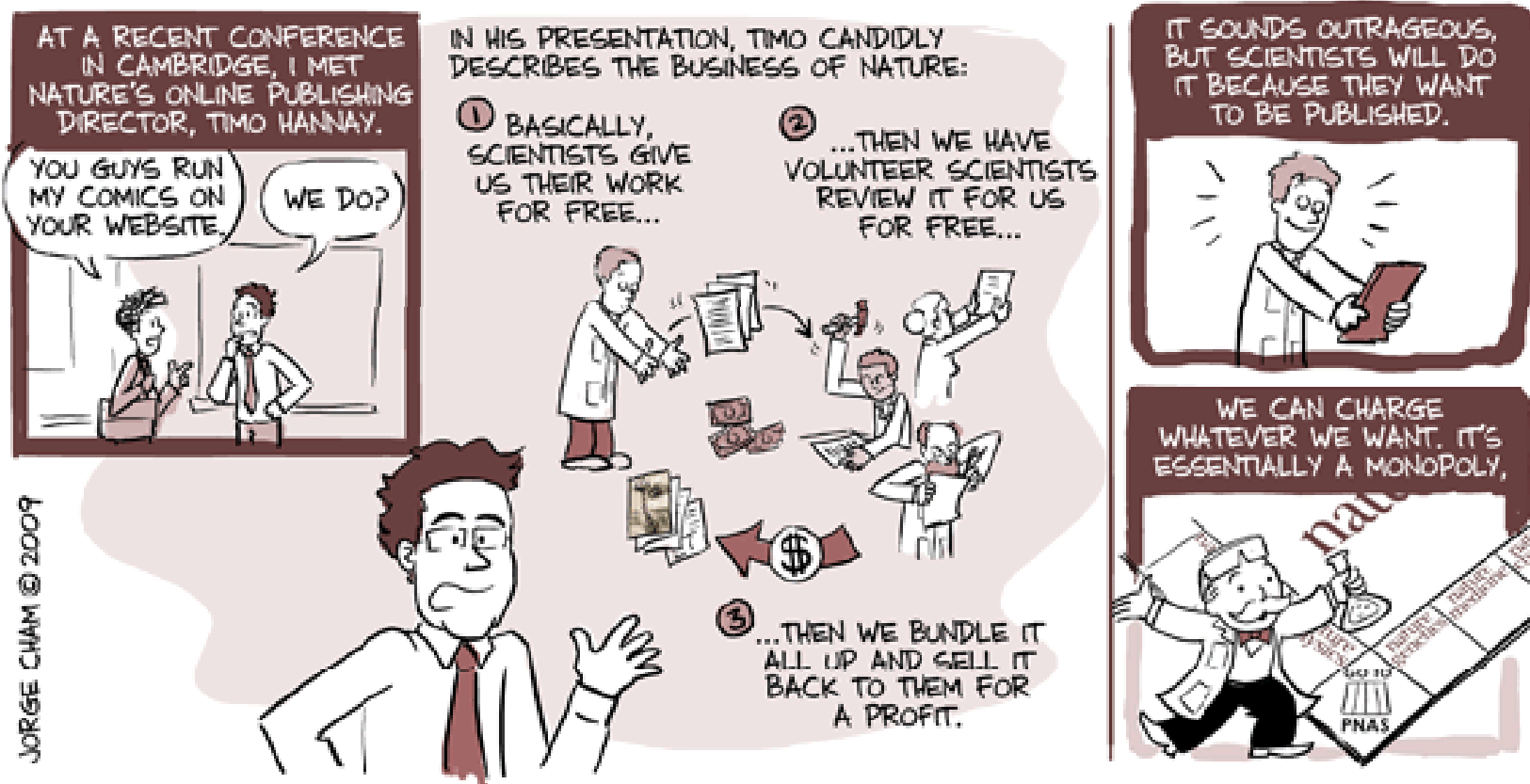
- Publishing scientific works is more than just “Write A Good Paper”.
- Variety of tools are used in the whole process.
  - Discovery, writing, submission...etc
- Many stakeholders, all with different interests.
  - Authors, editors, funders, universities, etc
- As an author, make it obvious why your work should be published.



# What is Scientific Publishing?

A PHD Tales from the Road

www.phdcomics.com



<http://www.phdcomics.com/comics/archive.php?comid=1200>



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# *Are You A Researcher?*

“I have an idea to discuss with you.”

“Tell me what to do and I will do it for you.”

“There is a problem. I have searched for the possible ways to solve this. Let’s discuss which one we should try first.”

“There is a problem. Can you tell me how to solve this?”

“My professor helps me from his/her experience but I am responsible for my own work.”

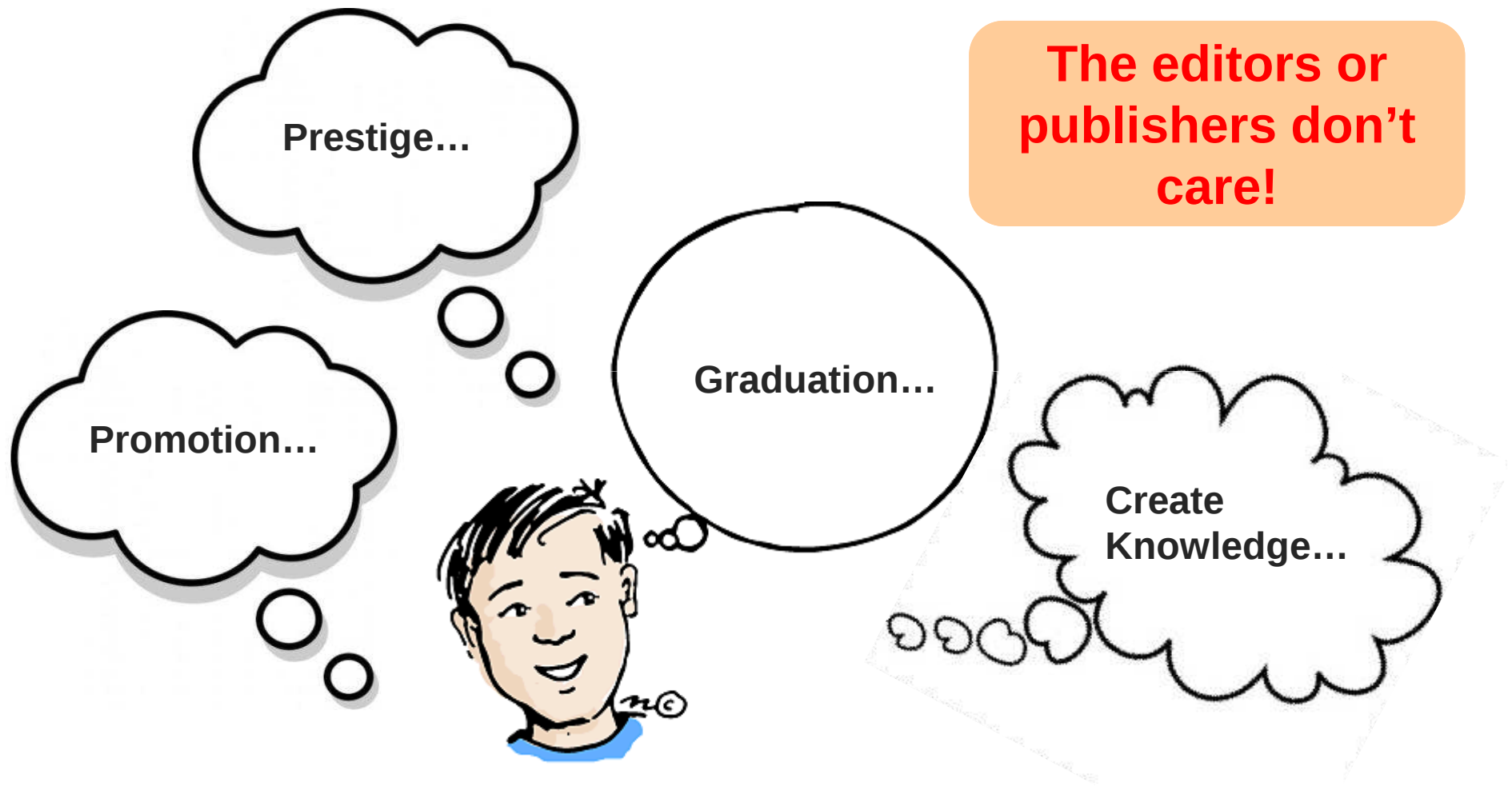
“My professor should know the answers to my problems.”

**Which one are you? Are you a researcher?**



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# *What is Your Reason For Publishing?*



# *What Motivates (most) Publishers?*



High citation  
High Impact

Good quality  
publications



**Bottom line:  
It's just  
business**



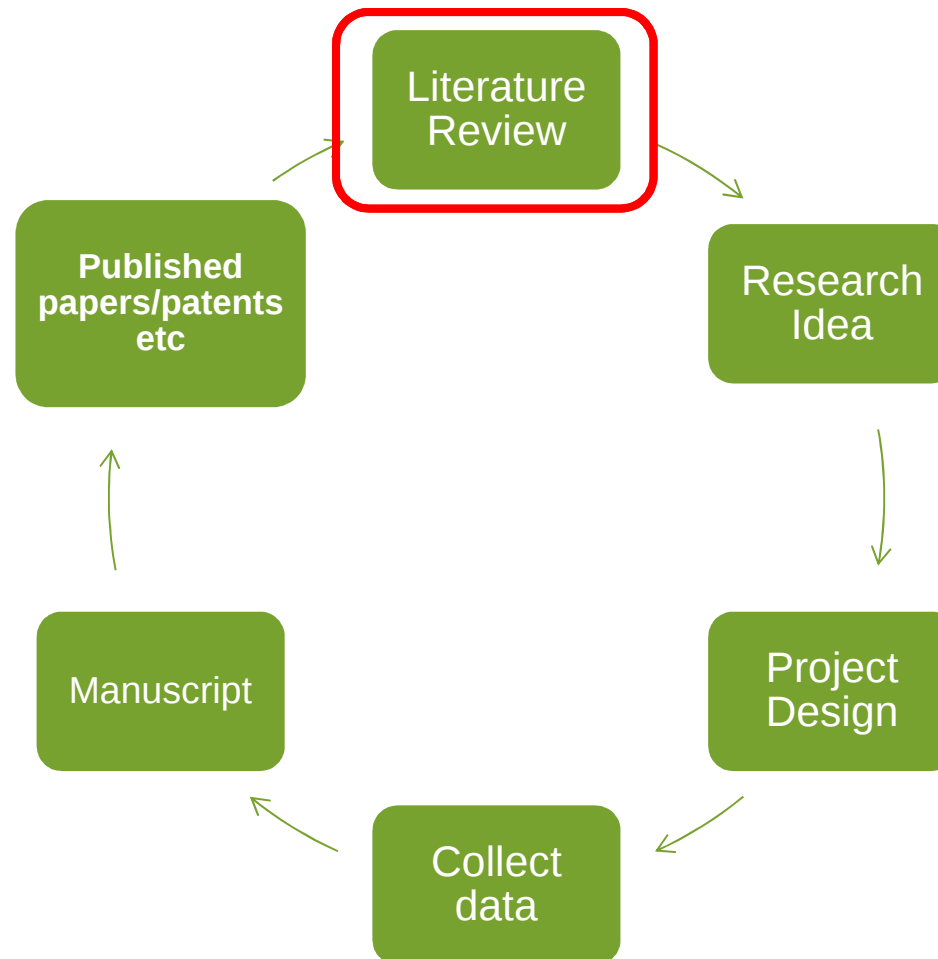
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# *What Drives a Publisher's Business?*

- Interesting scientific work
- Sound science
- Research that they can sell
- Hot topics
- New knowledge



# *The Research Lifecycle*



# *Literature Review*

*Discover what is out there and  
develop your own ideas*



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# *What Have These Numbers Got to With Research?*

200 /year **Papers read per researcher**

50,000+ **Journals**

1.8 million /year **Articles published\***

\*Ware, Mark, and Michael Mabe. *An Overview Of Scientific And Scholarly Journal Publishing*. International Association of Scientific, Technical and Medical Publishers, 2015.



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# We are Being Drowned by Too Much Information

50,000+

Academic Journals

7,500,000+

Conference papers

2,000,000+

chemical structural formula

50,000,000+

Patents

110,000

Conferences

400,000+

industrial standards

42,000+

International trademark  
applications (per year)

60,000+

Academic books

80 million+

Gene Sequences

5,000+

Paper formats

# SELECTIVITY IS THE KEY

Bradford's Law: A relatively *small* number of journals publish the majority of significant scholarly results

80/20

# CONTENT SELECTION IS A MUST!



THE SEA OF  
SCHOLARLY  
INFORMATION



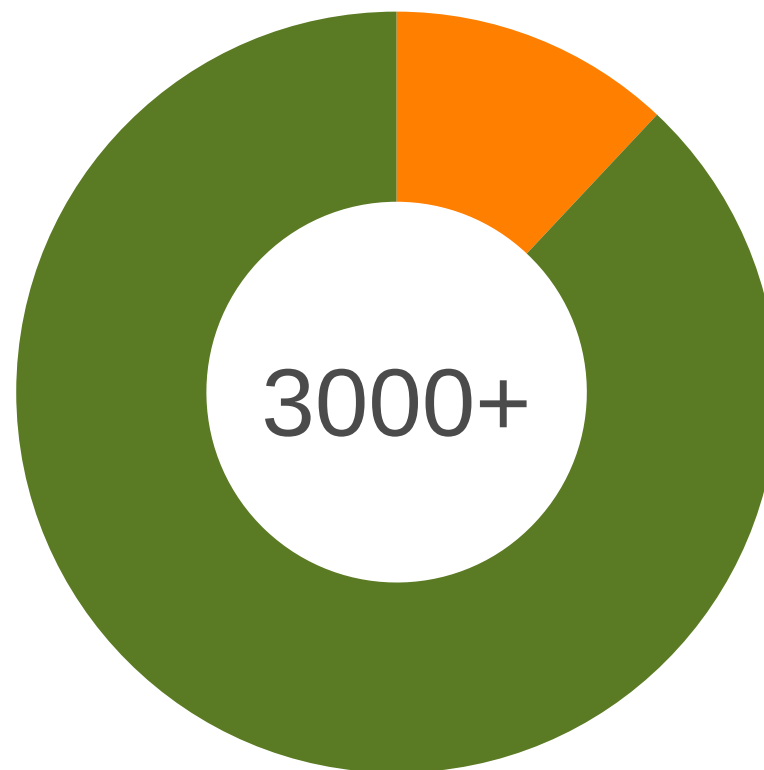
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JOURNAL SELECTION

- Journal Publishing Standards
- Editorial Content
- International Diversity
- Citation Analysis



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Do we claim to have everything?  
represents the important things!

# WEB OF SCIENCE HAS ITS ROOTS IN 1955

**ISI**  
Institute for Scientific Information®



*Science*, Vol:122, No:3159, p.108-111, July 15, 1955

## Citation Indexes for Science:

*A New Dimension in Documentation through Association of Ideas*

**Eugene Garfield, Ph.D.**

"The uncritical citation of disputed data by a writer, whether it be deliberate or not, is a serious matter. Of course, knowingly propagandizing unsubstantiated claims is particularly abhorrent, but as many naive students may be swayed by unfounded assertions presented by a writer who is unaware of the criticisms. Buried in scholarly journals, critical notes are increasingly likely to be

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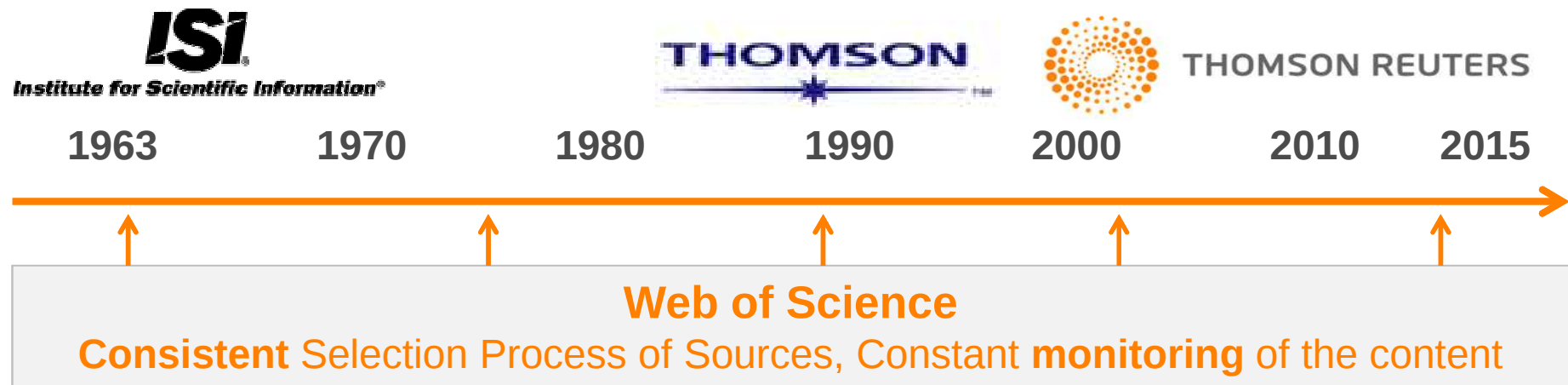
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# Web of Science Data Foundation

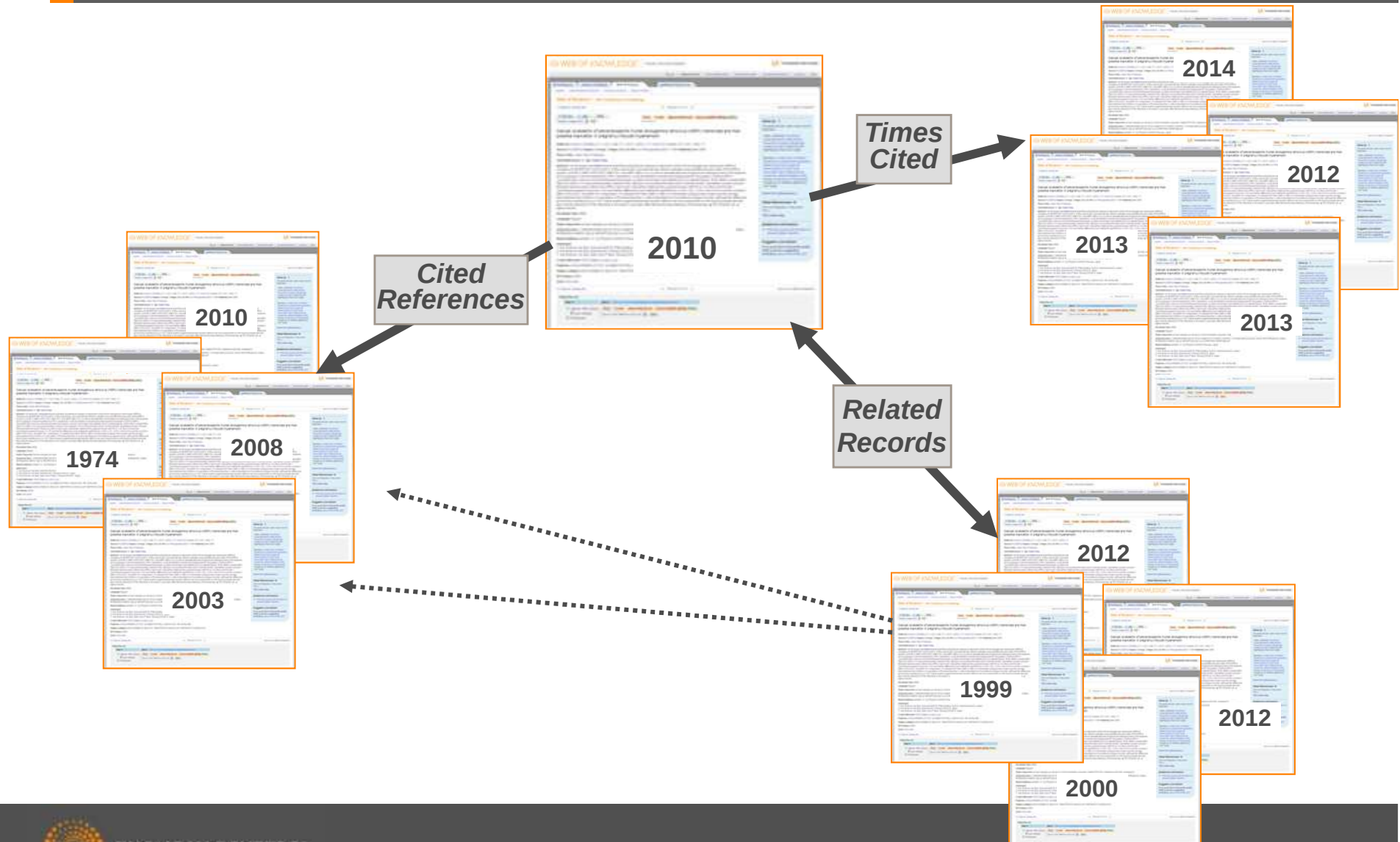
## *A Core Philosophy of Superior Collection Development*

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50 YEARS OF EXPERTISE IN  
CONTENT SELECTION

- BASED ON THE **FOUNDATION OF ISI**
- 35+ YEARS OF EXPERIENCE IN  
CUSTOMIZED **BIBLIOMETRIC  
ANALYSIS**



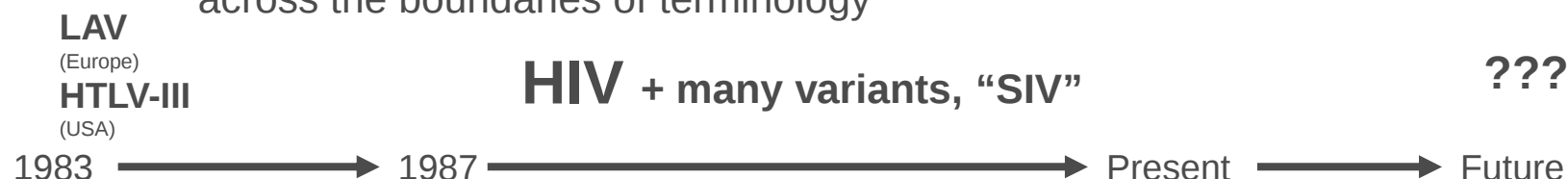
# CONCEPT OF CITATIONS ANALYSIS



# Citation Index Helps You Find Resources That You May Otherwise Miss

The language of research is constantly changing, as research progress concepts and terminology evolve.

- Text based searching may **miss** critical information
- Network linkages through citations facilitate the **discovery** of information across the boundaries of terminology



## IMPORTANCE OF THE NEF GENE FOR MAINTENANCE OF HIGH VIRUS LOADS AND FOR DEVELOPMENT OF AIDS

Author(s): KESTLER HW, RINGLER DJ, MORI K, et al.

Source: CELL Volume: 65 Issue: 4 Pages: 651-662 Published: MAY 17 1991

Times Cited: 1,103 (from Web of Science)

Cited References: 49 [Citation Map](#)

**Abstract:** When rhesus monkeys were infected with a form of cloned **SIVmac239** having a premature stop codon at this position quickly and universally came to predominate in the infected monkeys. These results indicate that nef is required for maintaining high virus loads during the course of persistent infection in vivo. Although deletion of nef sequences has no effect on virus replication in cultured cells, deletion of nef sequences dramatically altered the properties of virus in infected monkeys. Thus, nef should become a target for antiviral drug development. Furthermore, the properties of virus with deletions in the nef gene may be useful for making live-attenuated strains of virus for experimental vaccine testing.

Document Type: Article

Language: English

**KeyWords Plus:** **SIMIAN IMMUNODEFICIENCY VIRUS**; OPEN READING FRAME; RHESUS-MONKEYS; PROTEIN; MUTATIONAL ANALYSIS; MACAQUE MONKEYS; **HTLV-III**; SOR GENE; TYPE-1; PROTEIN

This particular article is highly cited and relevant, but does not contain the term “HIV” Therefore, this record cannot be found by searching for the text “HIV” but is easily found by using citations



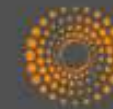
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## Basic Search

drug and (resist\* or safe\*)



+ Add Another Field

Topic ▾

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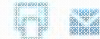
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TOPIC: (drug (resist\* and safe\*))  
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Sort by: Publication Date -- newest to oldest

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[Web of Science Categories](#)

[Document Types](#)

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- ☐ 1. [Food handler-associated methicillin-resistant Staphylococcus aureus in public hospitals in Salvador, Brazil](#)

By: Ferreira, J. S.; Costa, W. L. R.; Cerqueira, E. S.; et al.  
FOOD CONTROL Volume: 37 Pages: 395-400 Published: MAR 2014

[Full Text](#)

[View Abstract](#)

Times Cited: 0  
(from Web of Science Core Collection)

- ☐ 2. [Edible films from pectin: Physical-mechanical and antimicrobial properties - A review](#)

By: Perez Espitia, Paula Judith; Du, Wen-Xian; Avena-Bustillos, Roberto de Jesus; et al.  
FOOD HYDROCOLLOIDS Volume: 35 Pages: 287-296 Published: MAR 2014

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Times Cited: 0  
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- ☐ 3. [Targeted therapies using electrical and magnetic neural stimulation for the treatment of chronic pain in spinal cord injury](#)

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First Author -- Z to A

Source Title -- A to Z

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1. in-resistant hospitals in

reira, E. S.; et al.

395-400 Published:

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2. Edible films from pectin: Physical-mechanical and antimicrobial properties - A review

By: Perez Espitia, Paula Judith; Du, Wen-Xian; Avena-

Times Cited: 0  
(from Web of Science Core Collection)

3. Targeted therapies using electrical and magnetic neural stimulation for the treatment of chronic pain in spinal cord injury

Times Cited: 0  
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*Sort results to reveal correlations*

## Refine Results

Search within results for...



Web of Science Categories



Document Types



Research Areas



Authors



Group Authors



Editors



Source Titles



Book Series Titles



Conference Titles



Publication Years



Organizations-Enhanced



Funding Agencies



Languages



Countries/Territories



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## Analyze results

- authors with highest number of publications
- journals
- books
- conferences
- research institutions
- funding bodies
- country distribution
- open access options

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2. Edible films from pectin: Physical-mechanical and antimicrobial properties - A review

By: Perez Espitia, Paula Judith; Du, Wen-Xian; Avena-Bustillos, Roberto de Jesus; et al.

Times Cited: 0 (from Web of Science Core Collection)

3. Targeted therapies using electrical and magnetic neural stimulation for the treatment of chronic pain in spinal cord injury

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**Rapid accretion and early core formation on asteroids and the terrestrial planets from Hf-W chronometry**

By: **Kleine, T.** (Kleine, T); Munker, C (Munker, C); Mezger, K (Mezger, K); Palme, H (Palme, H)

NATURE  
Volume: 418 Issue: 6911 Pages: 952-955  
DOI: 10.1038/nature00962  
Published: AUG 20 2002

Click a button in Web of Science Core Collection to launch a search on Google Scholar.

Google author:"T Kleine" intitle:"Rapid accretion and early core formation on" Search

Scholar 1 result (0.02 sec)

Articles **Rapid accretion and early core formation on asteroids and the terrestrial planets from Hf-W chronometry**  
T Kleine, C Munker, K Mezger, H Palme - Nature, 2002 - nature.com  
Abstract The timescales and mechanisms for the formation and chemical differentiation of the planets can be quantified using the radioactive decay of short-lived isotopes 1, 2, 3, 4, 5, 6, 7, 8, 9, 10. Of these, the 182 Hf-to-182 W decay is ideally suited for dating the formation of the planets. We have determined the 182 Hf-to-182 W ratios in meteorites and in the Earth's mantle, and have found that the 182 Hf-to-182 W ratios in the Earth's mantle are significantly higher than in the meteorites. This indicates that the Earth's mantle was formed by a process that involved the addition of material from the Earth's crust, which is consistent with the hypothesis that the Earth's mantle was formed by a process that involved the addition of material from the Earth's crust.

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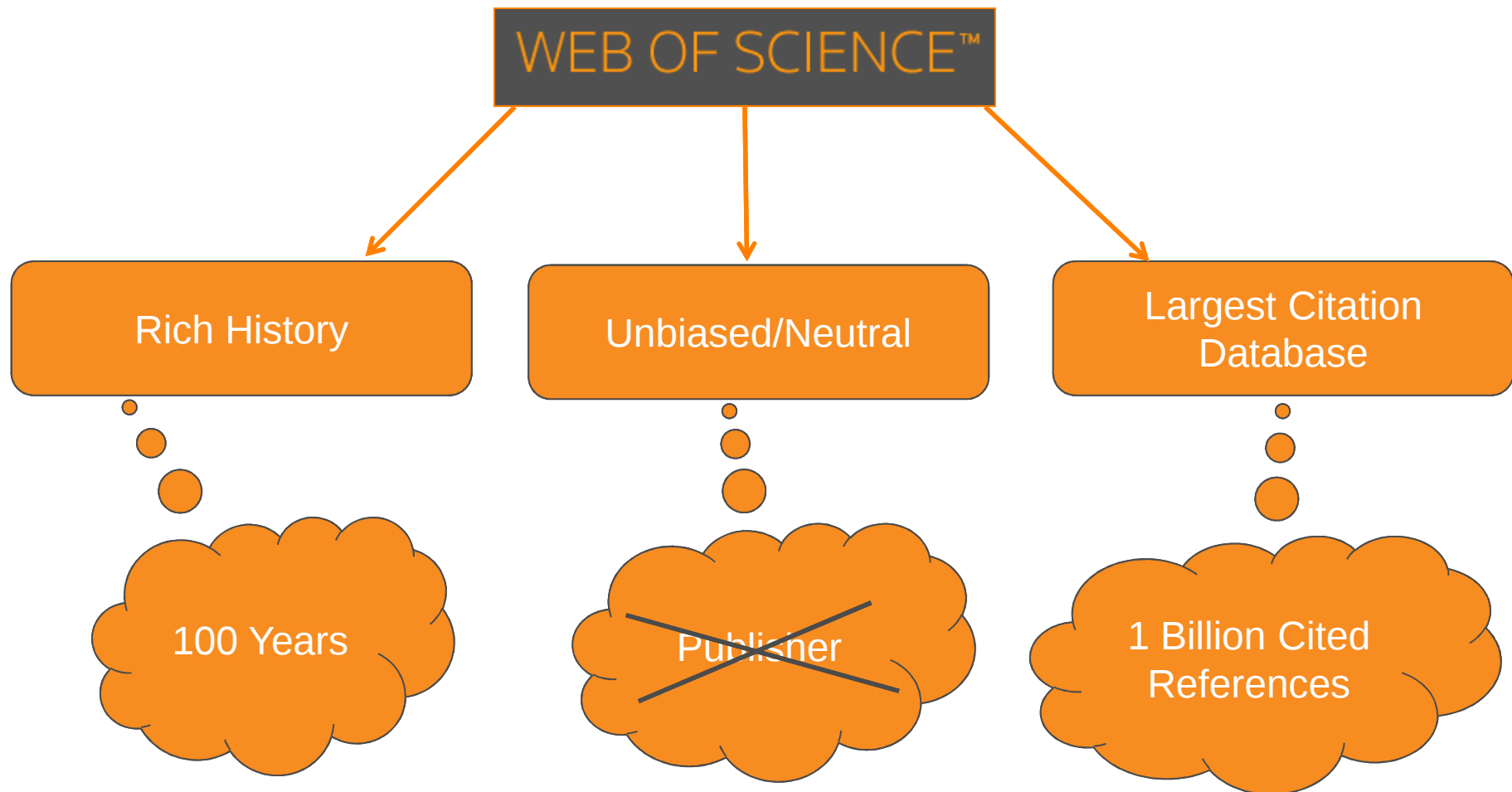
Google Scholar automatically displays links to full text at the user's university, based on IP address.



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# Web of Science

*The True Point of Reference for Quality Research*



## *IS WEB OF SCIENCE.....?*

- Web search engine (Google, Bing, Yahoo, etc)? 
- Encyclopedia (Wikipedia)? 
- Publisher (Nature, Wiley-Blackwell, etc)? 
- Full text provider ? 
- Scientific news website? 
- Carefully selected Citation Database? 

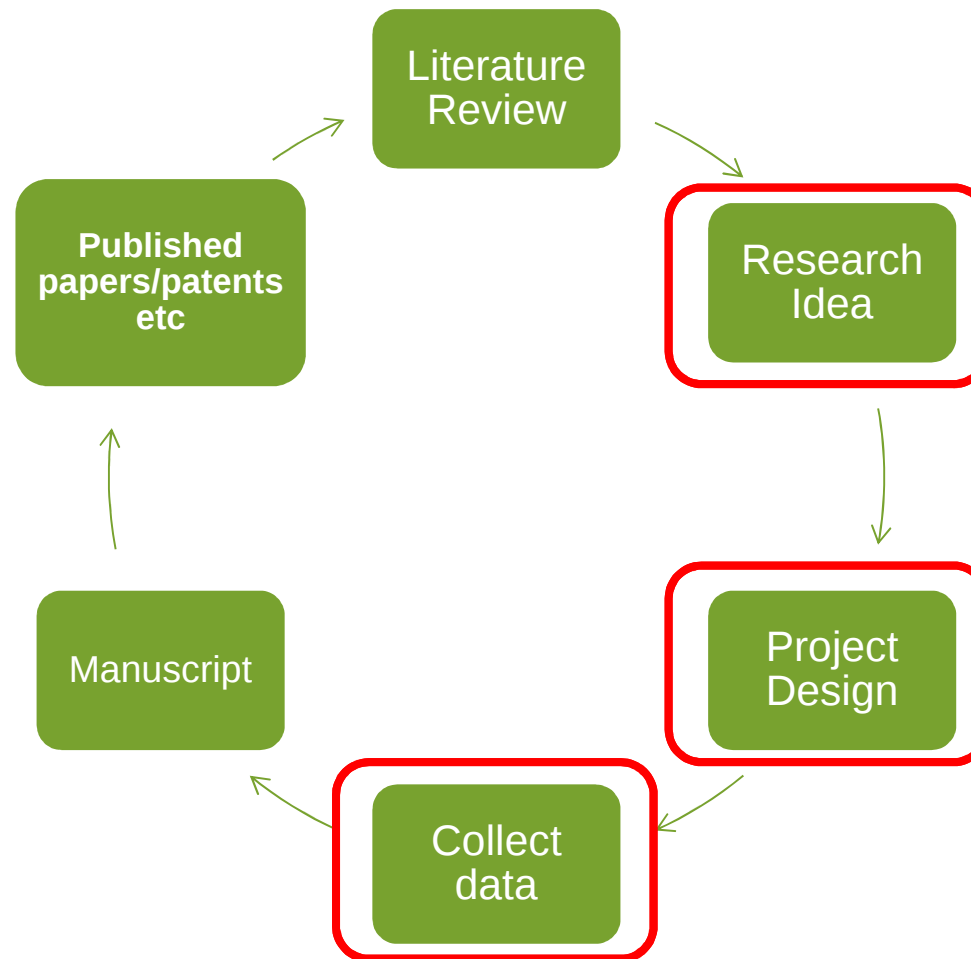


# *Web of Science Demonstration*

- Find what is essential to your research
- Identify the most recent and influential papers in the field
- Use the power of citations to establish links between publications and subjects
- Identify key opinion leaders in the field and find potential collaborators
- Find the relevant journals and conferences to present your research
- How to get into Web of Science using Google Scholar



# *The Research Lifecycle*



# *What is a Good Research Idea? Questions to ask*

- Who cares?
  - Topic must interest the community.
- Do I have the facilities / expertise to do it?
  - Eg. I synthesize some materials and collaborate with others to do application studies. (WoS can help you find potential collaborators)
- What problems are you solving?



## *Common Research Topics....*

- **Comparison of A and B (A vs B)....**

Eg. **Edoxaban versus Warfarin** in Patients with Atrial Fibrillation

- **Improvement of a process or method (faster, cheaper, less hazardous, better performance etc)**

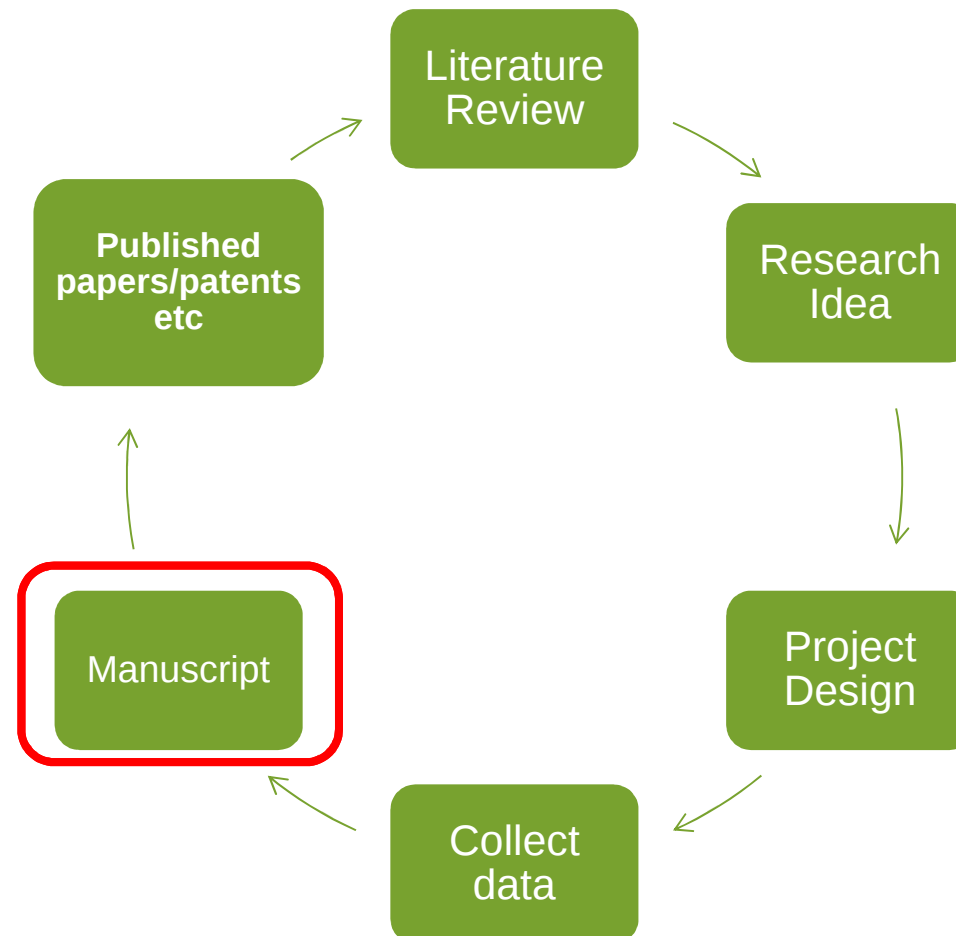
Eg. **Performance enhancement** of perovskite-sensitized mesoscopic solar cells using Nb-doped TiO<sub>2</sub> compact layer

- **Effect of A on B....**

Eg. The **impact of** performance-based compensation **on misreporting**



# *The Research Lifecycle*



# Types of Scientific Papers

Commonly published and cited:

- Original Articles (aka standard paper)
- Communications (aka short paper)
- Reviews
- Conference Proceedings

Others (for info)

- Editorial
- Commentary
- Technical Reports



<http://undergraduatesciencelibrarian.org/a-very-brief-introduction-to-the-scientific-literature/types-of-scientific-literature/>

# *Parts of a Manuscript*

|                    |                                                                                                                                                                             |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Title              | <ul style="list-style-type: none"><li>• <b>Subject</b> and what <b>aspect of the subject</b> was studied</li></ul>                                                          |
| Abstract           | <ul style="list-style-type: none"><li>• To be written <b>last</b>.</li><li>• A <b>summary</b> of the study, primary <b>findings</b>, <b>conclusion</b>.</li></ul>           |
| Introduction       | <ul style="list-style-type: none"><li>• <b>Why</b> the study was taken.</li><li>• <b>Background</b> of work done by others,</li></ul>                                       |
| Methods            | <ul style="list-style-type: none"><li>• <b>How</b> the study was taken?</li></ul>                                                                                           |
| Results/Discussion | <ul style="list-style-type: none"><li>• <b>What</b> are the results? <b>What</b> do they show? <b>What</b> is the significance? <b>What</b> explains the results?</li></ul> |
| Conclusion         | <ul style="list-style-type: none"><li>• <b>How</b> does your study answer your initial questions?</li><li>• <b>Propose further work</b> that can be done.</li></ul>         |
| References         | <ul style="list-style-type: none"><li>• <b>A list</b> of references used</li></ul>                                                                                          |



# *Title of Your Paper is Important!*

- It's the **first thing** your reader sees!
- Tell your readers what is your work about **accurately**
- Avoid uncommon abbreviations
- You want to **draw your readers** to read the abstract

- Examples

The effects of a course of intranasal oxytocin on social behaviors in youth diagnosed with autism spectrum disorders: a randomized controlled trial.

Cognitive Reappraisal of Emotion: A Meta-Analysis of Human Neuroimaging Studies

Substrate Activation Strategies in Rhodium(III)-Catalyzed Selective Functionalization of Arenes

# *Abstract is the Advertisement For Your Work*

- Freely available summary of your work
- Does not refer to the main text in anyway. i.e it can stand alone
- You want to draw readers into reading your full text
- No cited references
- Minimize jargons and abbreviations



## *Abstract – Example (Highly Cited Paper)*

We report for the first time on a hole conductor-free mesoscopic methylammonium lead iodide ( $\text{CH}_3\text{NH}_3\text{PbI}_3$ ) perovskite/ $\text{TiO}_2$  heterojunction solar cell, produced by deposition of perovskite nanoparticles from a solution of  $\text{CH}_3\text{NH}_3\text{I}$  and  $\text{PbI}_2$  in  $\gamma$ -butyrolactone on a 400 nm thick film of  $\text{TiO}_2$  (anatase) nanosheets exposing (001) facets. A gold film was evaporated on top of the  $\text{CH}_3\text{NH}_3\text{PbI}_3$  as a back contact. Importantly, the  $\text{CH}_3\text{NH}_3\text{PbI}_3$  nanoparticles assume here simultaneously the roles of both light harvester and hole conductor, rendering superfluous the use of an additional hole transporting material. The simple mesoscopic  $\text{CH}_3\text{NH}_3\text{PbI}_3$  / $\text{TiO}_2$  heterojunction solar cell shows impressive photovoltaic performance, with short-circuit photocurrent  $J_{\text{sc}} = 16.1 \text{ mA/cm}^2$ , open-circuit photovoltage  $V_{\text{oc}} = 0.631 \text{ V}$ , and a fill factor  $\text{FF} = 0.57$ , corresponding to a light to electric power conversion efficiency (PCE) of 5.5% under standard AM 1.5 solar light of  $1000 \text{ W/m}^2$  intensity. At a lower light intensity of  $100 \text{ W/m}^2$ , a PCE of 7.3% was measured. The advent of such simple solution processed mesoscopic heterojunction solar cells paves the way to realize low-cost, high-efficiency solar cells.

**What was done in this work.**

**What are the results**

**What is the significance of this work?**

# Introduction Tells Your Work's Story

- Provide brief background of your topic.
- Include the newest happenings in your topic
- State what was done before and why do you need to conduct this study  
*I.e. A, B and C were done but issue of XXX persists.*

- Cite references of previous works
- Thorough literature review is needed



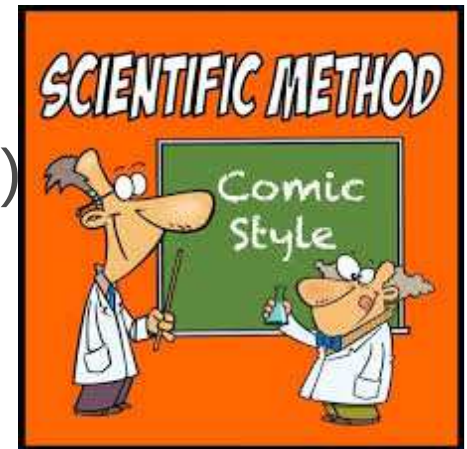
www.ActivityVillage.co.uk - Keeping Kids Busy



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# *A Good Methods Section Allows Others to Repeat Your Work*

- Methods section describes what you have done
- Allows others to repeat your work
- Include references if you used someone else's method
- If method is very novel, expect questions/doubts
- Theory is usually avoided.  
(they are discussed in the discussion section)



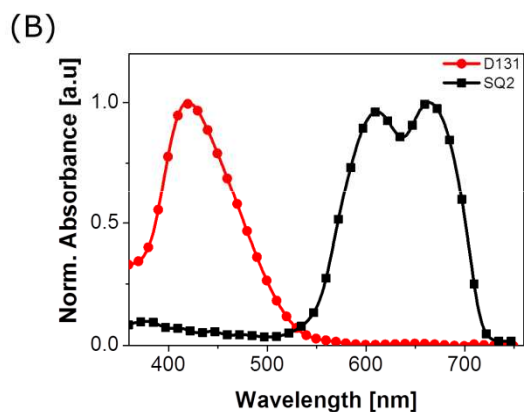
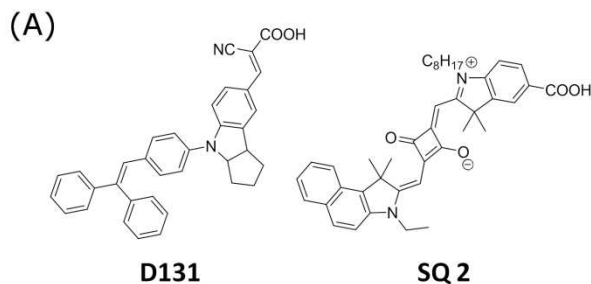
## *Results Section is the Meat of Your Work*



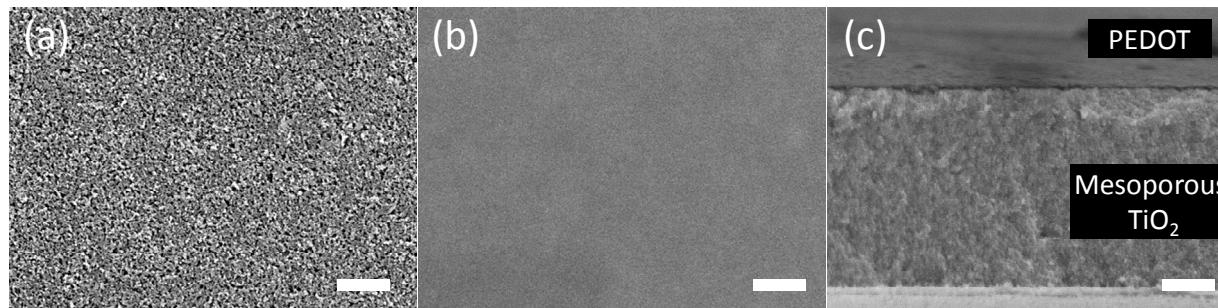
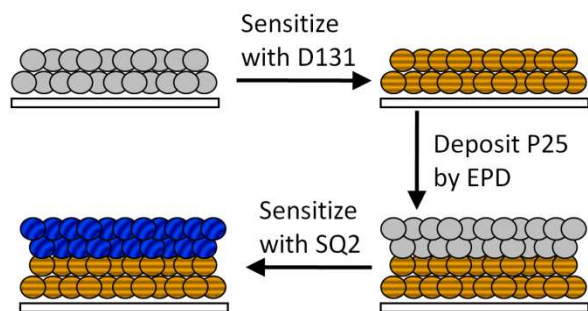
- **Describe** your results, quantify when possible.  
I.e. As the amount of acid is doubled, the diameter of the nanoparticles increased by 20%.
- Offer **explanations** for these results as best as possible
- **Use theory or cite others'** work to support your results  
I.e. See et al has reported similar findings.
- If results are different from those reported by others, **highlight and explain**.



# Most Data is Best Represented by Figures & Tables



| Mesoporous<br>TiO <sub>2</sub> Film<br>Thickness<br>( $\mu\text{m}$ ) | V <sub>oc</sub><br>(V) | J <sub>sc</sub><br>(mAcm <sup>-2</sup> ) | FF   | $\eta$<br>(%) |
|-----------------------------------------------------------------------|------------------------|------------------------------------------|------|---------------|
| 3                                                                     | 0.68                   | 3.7                                      | 0.70 | 1.8           |
| 4                                                                     | 0.67                   | 5.5                                      | 0.69 | 2.5           |
| 5                                                                     | 0.66                   | 7.8                                      | 0.68 | 3.5           |
| 6                                                                     | 0.66                   | 7.9                                      | 0.66 | 3.4           |
| 7                                                                     | 0.65                   | 8.0                                      | 0.64 | 3.3           |



# *Dos and Don'ts for Using Figures*

## **Do**

- Use proper scales, labels, units
- High resolution of 300dpi minimum
- Use captions that is self explanatory and do not require referral to the full text
- Use different kinds of lines (solid, dashed, dots) for good contrast
- Learn basic picture editing skills

## **Don't**

- Use figures for the sake of it. It must support a point/argument.
- Use colors unnecessarily
- Use abbreviations that is not explained
- Assume that the reader understands the figure. Explain! Explain! Explain!
- Directly use images generated by instruments if they are unsuitable.



# *Conclusion is Not a Summary*

- Do
  - Draw conclusion(s) from results
  - Suggest future work
  - Point out significance of work
- Do **NOT**
  - Summarize your work
  - Repeat description of the results
  - Make claims that are unsupported by results



## *References is Tricky Business*

- Use professional software such as EndNote™ to save time
- Check the format requirements!  
(Guide for Authors)
- Do not copy references from other papers without reading!



# *EndNote*

*collect, manage, share and  
format your references*



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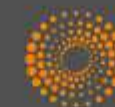
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| Year | Author                                   | Title                                                                                         | Journal             | Reference Type  | Last Updated |
|------|------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------|-----------------|--------------|
| 2011 | Yin, X. O.; Xue, Z. S.; Liu, B.          | Electrophoretic deposition of Pt nanoparticle...                                              | Journal of Powe...  | Journal Article | 25/8/2015    |
| 2012 | Etgar, L.; Gao, P.; Xue, Z. S.; Pen...   | Mesoscopic CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> /TiO <sub>2</sub> Heterojuncti... | Journal of the A... | Journal Article | 25/8/2015    |
| 2012 | Liu, X. Z.; Wang, L.; Xue, Z. S.; Li...  | Efficient flexible dye-sensitized solar cells fab...                                          | Rsc Advances        | Journal Article | 25/8/2015    |
| 2012 | Wang, L.; Xue, Z. S.; Liu, X. Z.; Li...  | Transfer of asymmetric free-standing TiO <sub>2</sub> n...                                    | Rsc Advances        | Journal Article | 25/8/2015    |
| 2012 | Xue, Z. S.; Zhang, W.; Yin, X.; Ch...    | Enhanced conversion efficiency of flexible dy...                                              | Rsc Advances        | Journal Article | 25/8/2015    |
| 2012 | Yin, X.; Xue, Z. S.; Wang, L.; Che...    | High-Performance Plastic Dye-sensitized Sol...                                                | Acs Applied Ma...   | Journal Article | 25/8/2015    |
| 2013 | Cai, L. P.; Tsao, H. N.; Zhang, W....    | Organic Sensitizers with Bridged Triphenyla...                                                | Advanced Ener...    | Journal Article | 25/8/2015    |
| 2013 | Etgar, L.; Yanover, D.; Capek, R. ...    | Core/Shell PbSe/PbS QDs TiO <sub>2</sub> Heterojunctio...                                     | Advanced Func...    | Journal Article | 25/8/2015    |
| 2013 | Xue, Z. S.; Wang, L.; Liu, B.            | Facile fabrication of co-sensitized plastic dye...                                            | Nanoscale           | Journal Article | 25/8/2015    |
| 2014 | Cai, L. P.; Moehl, T.; Moon, S. J.; ...  | 4,9-Dihydro-4,4,9,9-tetrahexyl-s-indaceno 1,2...                                              | Organic Letters     | Journal Article | 25/8/2015    |
| 2014 | Dar, M. I.; Ramos, F. J.; Xue, Z. S.;... | Photoanode Based on (001)-Oriented Anatas...                                                  | Chemistry of M...   | Journal Article | 25/8/2015    |
| 2014 | Wang, H. M.; Liu, J.; Han, A. T.; ...    | Self-Assembly-Induced Far-Red/Near-Infrare...                                                 | Acs Nano            | Journal Article | 25/8/2015    |
| 2014 | Xue, Z. S.; Jiang, C. Y.; Wang, L.; ...  | Fabrication of Flexible Plastic Solid-State Dye...                                            | Journal of Physi... | Journal Article | 25/8/2015    |
| 2014 | Xue, Z. S.; Wang, L.; Liu, W.; Liu, B.   | Solid-state D102 dye sensitized/poly(3-hexylt...                                              | Renewable Ener...   | Journal Article | 25/8/2015    |
| 2015 | Yin, X.; Guo, Y. J.; Xue, Z. S.; Xu, ... | Performance enhancement of perovskite-sen...                                                  | Nano Research       | Journal Article | 25/8/2015    |

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1. Cai LP, Moehl T, Moon SJ, et al. 4,9-Dihydro-4,4,9,9-tetrahexyl-s-indaceno 1,2-b:5,6-b' dithiophene as a pi-Spacer of Donor-pi-Acceptor Dye and Its Photovoltaic Performance with Liquid and Solid-State Dye-Sensitized Solar Cells. *Organic Letters*. Jan 2014;16(1):106-109.
2. Cai LP, Tsao HN, Zhang W, et al. Organic Sensitizers with Bridged Triphenylamine Donor Units for Efficient Dye-Sensitized Solar Cells. *Advanced Energy Materials*. Feb 2013;3(2):200-205.
3. Dar MI, Ramos FJ, Xue ZS, et al. Photoanode Based on (001)-Oriented Anatase Nanoplatelets for Organic-Inorganic Lead Iodide Perovskite Solar Cell. *Chemistry of Materials*. Aug 2014;26(16):4675-4678.
4. Etgar L, Gao P, Xue ZS, et al. Mesoscopic CH<sub>3</sub>NH<sub>3</sub>PbI<sub>3</sub>/TiO<sub>2</sub> Heterojunction Solar Cells. *Journal of the American Chemical Society*. Oct 2012;134(42):17396-17399.
5. Etgar L, Yanover D, Capek RK, et al. Core/Shell PbSe/PbS QDs TiO<sub>2</sub> Heterojunction Solar Cell. *ACS Nano*. Feb 2014;8(2):1475-1484.
6. Liu X, Wang L, Xue ZS, et al. Transfer of asymmetric free-standing TiO<sub>2</sub> nanowire films for high efficiency flexible dye-sensitized solar cells. *Rsc Advances*. 2012;2(20):7656-7659.
7. Wang L, Xue ZS, Liu XZ, Liu B. Detecting and Visualizing Specific Protein-Peptide Interactions. *Acs Nano*. Feb 2014;8(2):1475-1484.
8. Wang L, Xue ZS, Liu XZ, Liu B. Transfer of asymmetric free-standing TiO<sub>2</sub> nanowire films for high efficiency flexible dye-sensitized solar cells. *Rsc Advances*. 2012;2(20):7656-7659.

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Tools

A photovoltaic cell is a device that can convert solar radiation into electricity. The history of photovoltaic cells goes far back to 1839 when French physicist A. E. Becquerel demonstrated the so called "photovoltaic effect"<sup>1</sup> by illuminating Pt electrodes coated with AgCl or AgBr inserted into an acidic solution.<sup>¶</sup>

Following this development, Fritts fabricated the world's first large area (30 cm<sup>2</sup>) photovoltaic device in 1883 using selenium films and gold electrodes.<sup>2</sup> However, the low efficiency (~1%) and high cost of Fritts' devices did not lead to the widespread use of photovoltaics.<sup>¶</sup>

¶

1. → Gratzel, M., Photoelectrochemical cells. *Nature* **2001**, 414 (6861), 338-344; Green, M. A., Photovoltaic principles. *Physica E* **2002**, 14 (1-2), 11-17.¶

2. → Fritts, C. E., On a New Form of Selenium Photocell. *American Journal of Science* **1883**, 26, 465.¶

¶

...or directly in the document

Page: 1 of 1 Words: 130 English (United States)

# *EndNote Demonstration*

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| layer                 | █          |
| conversion efficiency | █          |
| oxide                 | █          |
| electrode             | █          |
| power conversion      | █          |

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THOMAS GRAHAM HOUSE, SCIENCE PARK, MILTON RD, CAMBRIDGE CB4 0WF, CAMBS, ENGLAND  
ISSN: 2050-7488  
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JCR Category Ranking, keywords, etc

# *Submitting your Manuscript*

## *How to Write a Cover Letter*



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# *What is a Cover Letter for?*

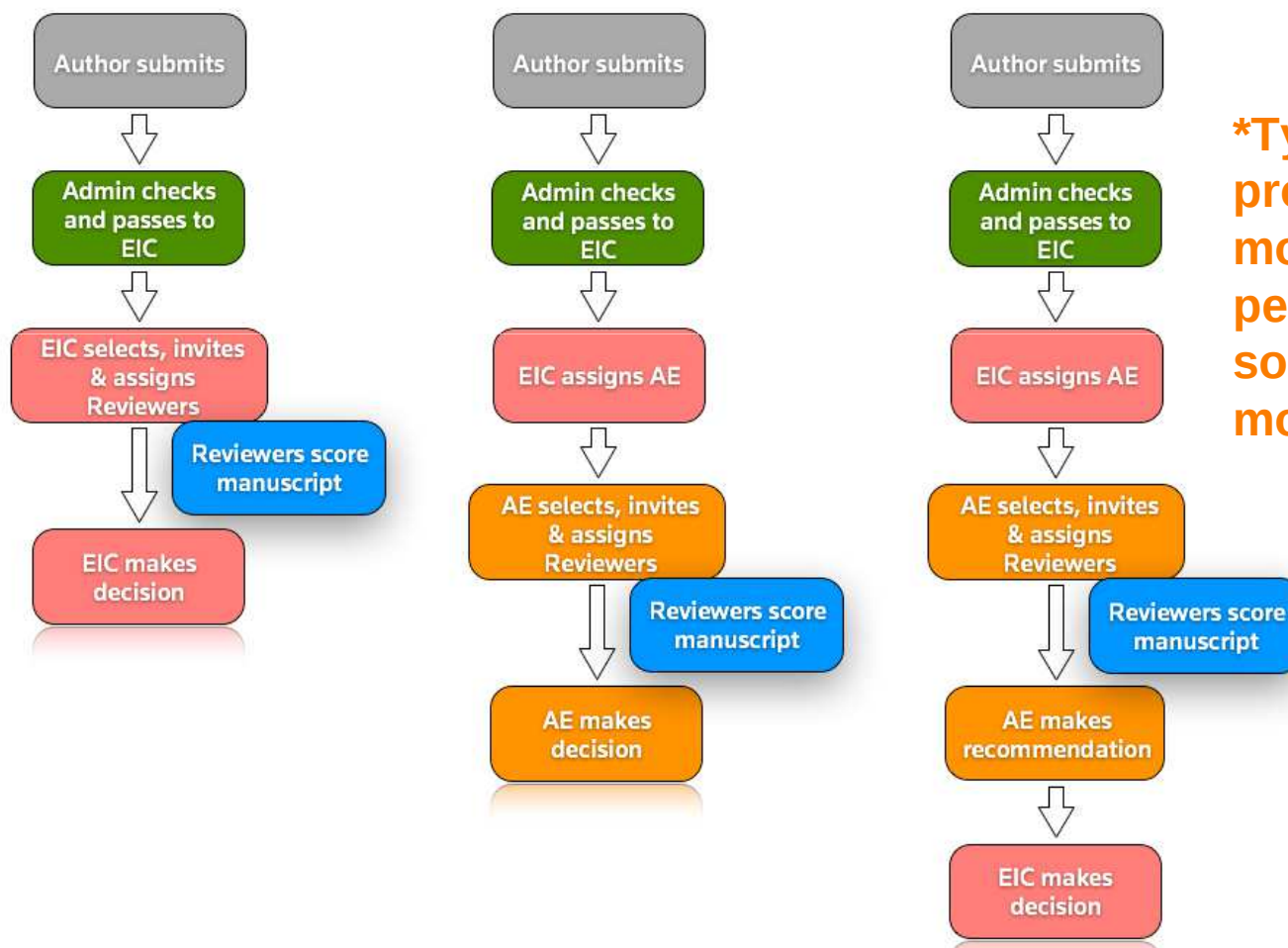
- Quick summary of what your work is about.
- Who cares about your work and will read it?
- Why is your work suitable for the journal?
- Suitable and unsuitable reviewers\*
- Other stuff to include (if any)
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# *So what happens after you submitted your paper?*

## Workflows: Comparison of Popular Best Practice Workflows

WF  
0,1,4



**\*Typically, entire process takes ~1-2 months but from personal experience, some can take up to 6 months**



## *Reviewer comments are “meant” to help you....*

“The original study was published in PsycScience. This is just some work by a grad student. Reject.”

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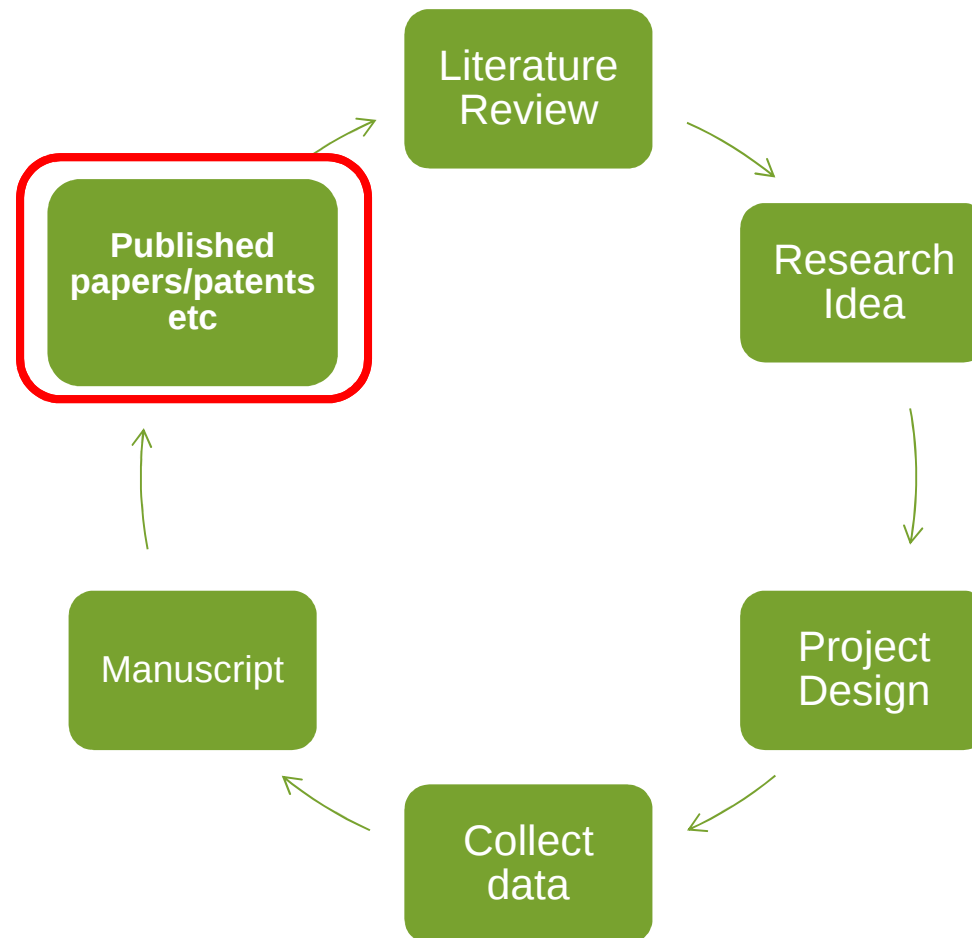


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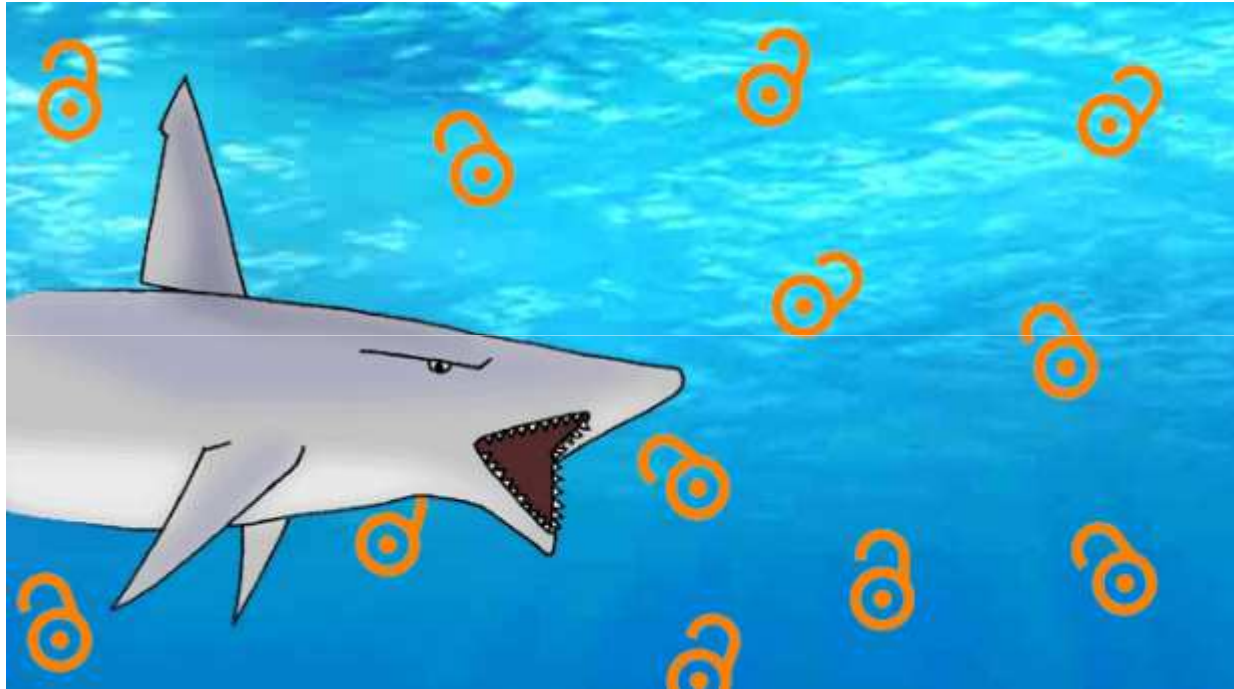
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# *The Research Lifecycle*



# *Predatory Journals.....*



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**TITLE:** Get me off Your Fucking Mailing List

**AUTHOR:** David Mazi`eres and Eddie Kohler

**Abst**

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Your manuscript has been accepted with minor changes for publication in the *International Journal of Advanced Computer Technology (IJACT)*.

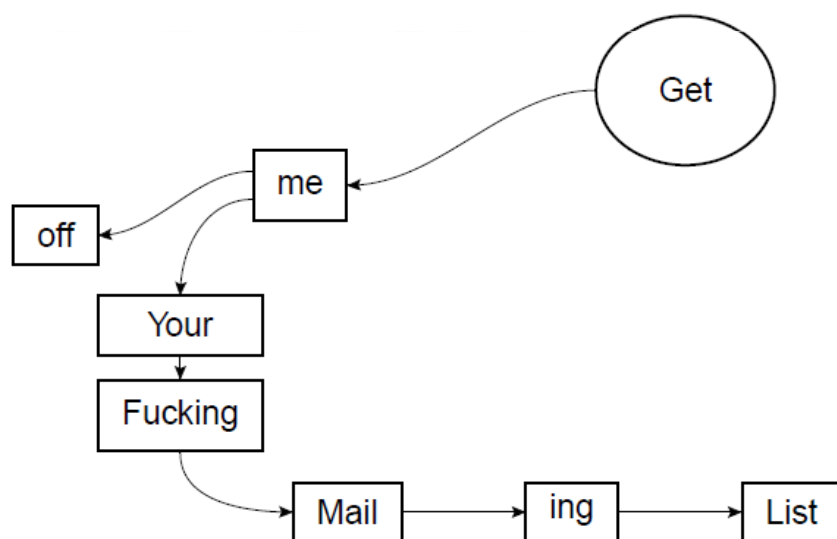


Figure 1: Get me off your fucking mailing list.

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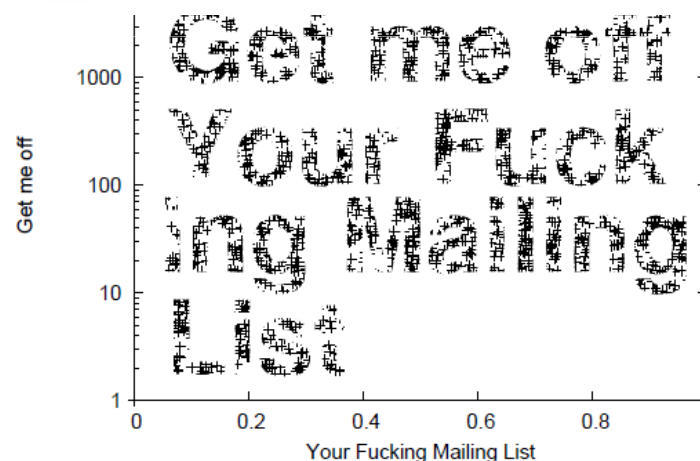


Figure 2: Get me off your fucking mailing list.

<http://www.scs.stanford.edu/~dm/home/papers/remove.pdf>



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NATURE | NEWS

## Publishers withdraw more than 120 gibberish papers

Conference proceedings removed from subscription databases after scientist revealed they were computer-generated.

Richard Van Noorden

24 February 2014 | Updated: 25 February 2014

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The publishers Springer and IEEE are removing more than 120 papers from their subscription services after a French researcher discovered that the works were computer-generated nonsense.

Acceptance was the norm, not the exception. The paper was accepted by journals hosted by industry titans Sage and Elsevier. The paper was accepted by journals published by prestigious academic institutions such as Kobe University in Japan. It was accepted by scholarly society journals. It was even accepted by journals for which the paper's topic was utterly inappropriate, such as the *Journal of Experimental & Clinical Assisted Reproduction*.



### Who's Afraid of Peer Review?

A spoof paper concocted by Science reveals little or no scrutiny at many open-access journals

<http://www.nature.com/news/publishers-withdraw-more-than-120-gibberish-papers-1.14763>  
<http://www.sciencemag.org/content/342/6154/60.full>



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## *Predatory Journals Often Show These Traits....*

- Poorly designed websites
- Stolen images/pictures
- Fake editorial board members
- Fake Impact Factors
- Publishes every subject
- Promises acceptance of manuscripts
- Publishing costs are not made known



# Conferences can also be predatory

Covers **ALL** subjects?

Conferences and **tour** together? REALLY?



## Academic Conferences 2016

**GERMANY CHRISTMAS** (Dec 1-4, 2015)      **BARCELONA** (May 23-26, 2016)  
**SINGAPORE** (January 12-15, 2016)      **HARVARD** (May 23-27, 2016)  
**CHIANG MAI, THAILAND** (January 18-21, 2016)      **TORONTO** (May 31-Jun 3, 2016)  
**AL AIN, UAE** (Jan 31-Feb 4, 2016)      **MUNICH** (Jun 21-24, 2016)  
**MALTA** (March 6-10, 2016)      **VENICE** (Jun 28-Jul 1, 2016)  
**VEGAS** (March 21-25, 2016)      **LONDON** (Nov 8-11, 2016)  
**PARIS** (April 11-14, 2016)  
**VIENNA** (April 17-21, 2016)

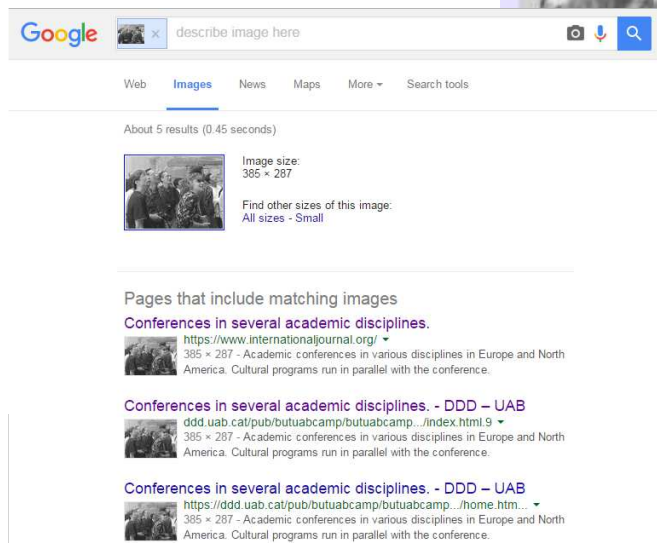
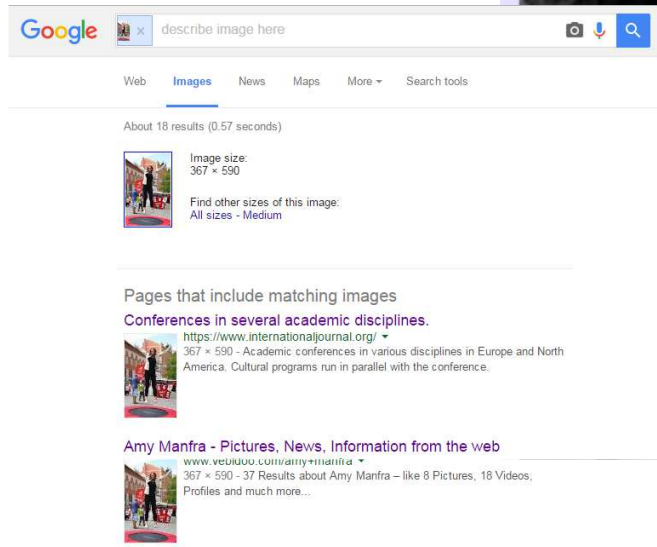
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- <http://library-blog.syr.edu/drs/2014/09/03/a-cautionary-tale-about-predatory-publishers/>
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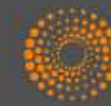
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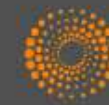
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| 3  | BIOCHEMISTRY & MOLECULAR BIOLOGY | SCIE    | 290         | 52,612   | 4.273                   |
| 4  | PHARMACOLOGY & PHARMACY          | SCIE    | 261         | 34,700   | 2.959                   |
| 5  | NEUROSCIENCES                    | SCIE    | 252         | 34,432   | 3.983                   |
| 6  | MATHEMATICS, APPLIED             | SCIE    | 247         | 23,467   | 1.080                   |
| 7  | RESEARCH                         | SCIE    | 210         | 32,980   | 2.678                   |
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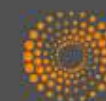
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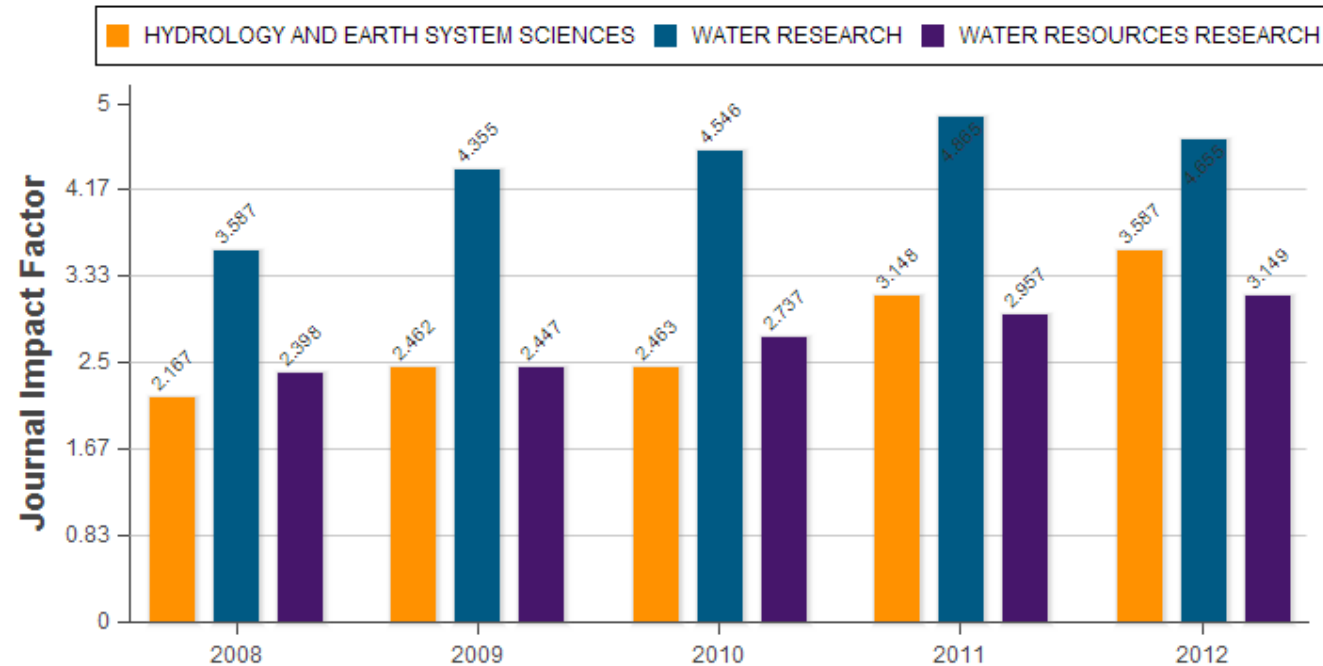
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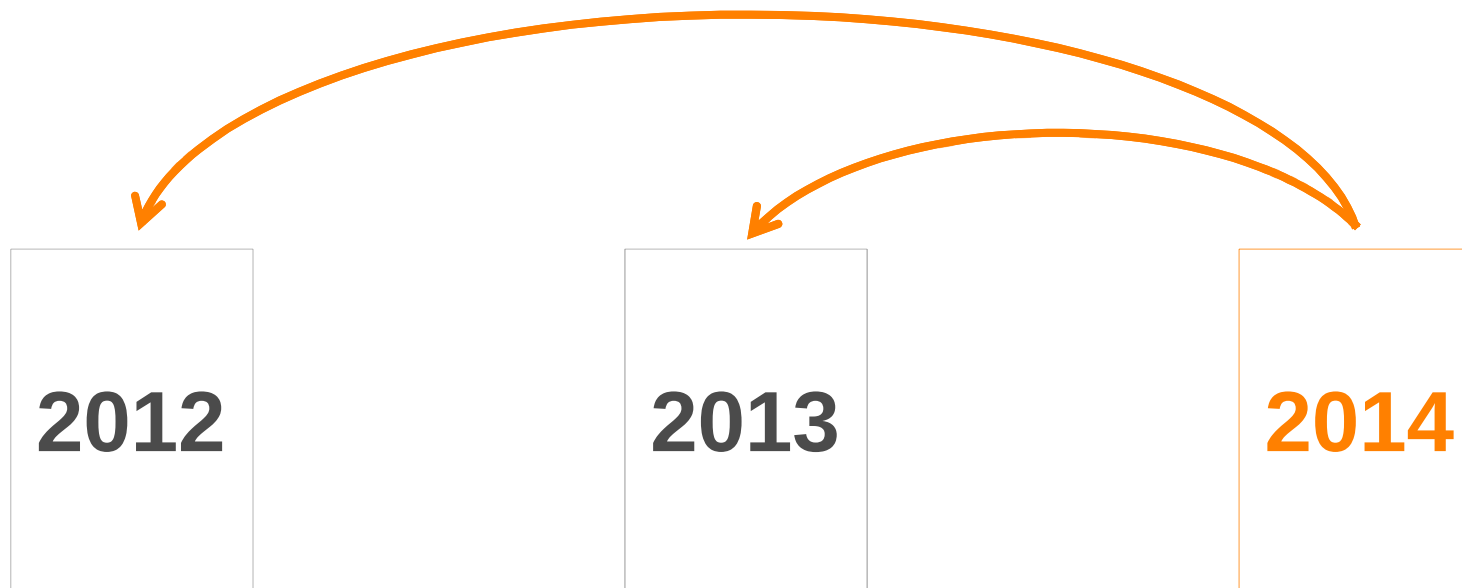
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By: Teixeira, S. (Teixeira, S.) [1]; Vieira, J. [1]; Pereira, R. (Pereira, R.) [2,4]

INTERNATIONAL JOURNAL OF PHOTODEGRADATION  
Volume: 16 Issue: 12 Pages: 12  
DOI: 10.1080/15226514.2013.821454  
Published: DEC 2 2014

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### Abstract

Contamination of natural resources by heavy metals is a serious problem. A mine, in the north of Portugal (SAo Pedro do Sul), has been discharging neutral mine drainage, rich in iron (Fe) and copper (Cu), into the local streams (Ribeiro de Murta e Rio Ferreira). The work aimed to be a good model for ecotoxicological studies. The work aimed to test the potential of Lemna minor in the bioaccumulation of Fe, under greenhouse conditions. The results required to the maximum removal of Fe from the medium. The work developed in the Fe-rich effluent and bio-

### ENVIRONMENTAL SCIENCE & TECHNOLOGY

Impact Factor

**5.33**

2014 5 year

**6.326**

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Categories: BUSINESS / MANAGEMENT

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| Sum: 450                                        | Sum: 57                                 |

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Calculation:  $\frac{\text{Cites}}{\text{Number of Publications}}$

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| <b>Total Cites</b>                                      | 16810 |
| <b>Cites to Years Used in Impact Factor Calculation</b> | 450   |
| <b>Impact Factor</b>                                    | 7.895 |

|                                                              |                   |
|--------------------------------------------------------------|-------------------|
| <b>Self Cites</b>                                            | 324 (1% of 16810) |
| <b>Self Cites to Years Used in Impact Factor Calculation</b> | 37 (8% of 450)    |
| <b>Impact Factor without Self Cites</b>                      | 7.246             |

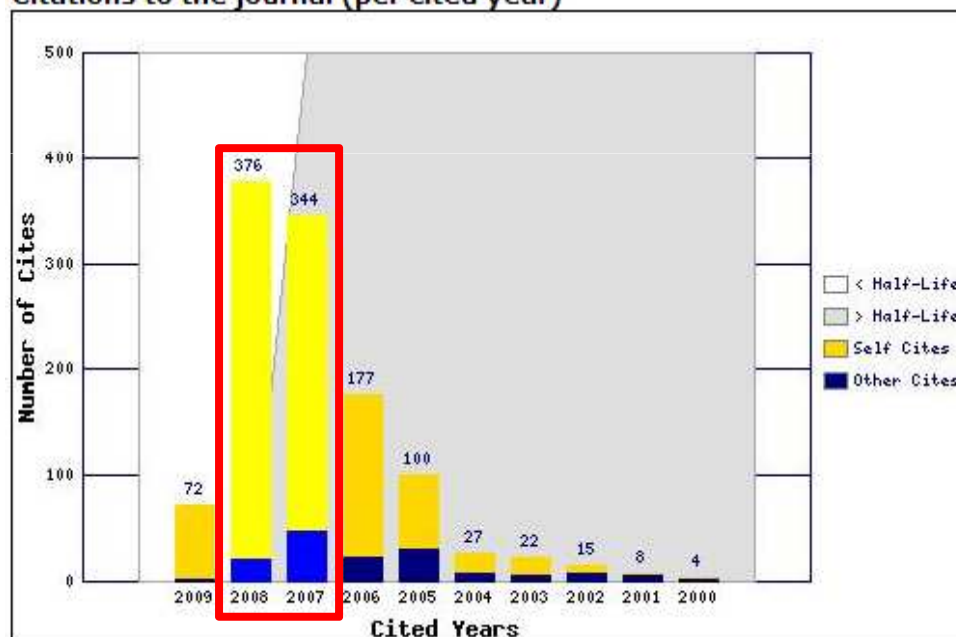
# Journals with Excessive Self-Citations Will be Suppressed

Journal: Revista Brasileira de Farmacognosia-Brazilian Journal of Pharmacognosy

|                                                  |       |
|--------------------------------------------------|-------|
| Total Cites                                      | 1163  |
| Cites to Years Used in Impact Factor Calculation | 720   |
| Impact Factor                                    | 3.462 |

|                                                       |                    |
|-------------------------------------------------------|--------------------|
| Self Cites                                            | 1010 (86% of 1163) |
| Self Cites to Years Used in Impact Factor Calculation | 652 (90% of 720)   |
| Impact Factor without Self Cites                      | 0.327              |

Citations to the journal (per cited year)



Effect of Self Citations  
on rank in category:

From Q1

To Q4

- Chemistry, Medicinal
- Pharmacology & Pharmacy

Journal was suppressed from 2010.

Source: 2009 JCR



THOMSON REUTERS™

# *Journal Citation Reports Demonstration*

- Where to find impact factors
- Journal quartiles. How do they affect you?
- How to find journals in your field of study?
- How to find related journals
- Effect of self-citations





# *ResearcherID*

*Let others know your work*



THOMSON REUTERS

Web of Science™

Journal Citation Reports®

Essential Science Indicators™

EndNote®

Sign In

Help

English

WEB OF SCIENCE™

THOMSON REUTERS™

Search

All Databases

My Tools

Search History

Marked List

Saved Searches & Alerts

EndNote®

ResearcherID

Example: oil spill\* mediterranean

Topic

+ Add Another Field

Reset Form

Basic Search

Click here for tips to improve your search.

TIMESPAN

All years

From 1864 to 2014

MORE SETTINGS

Customer Feedback & Support

Additional Resources

What's New in Web of Science?

Customize your Experience

SEE, Diu Seng

[Get A Badge](#)[ResearcherID Labs](#)

ResearcherID: I-6412-2015

Other Names: Zhaosheng Xue

URL: <http://www.researcherid.com/rid/I-6412-2015>

Subject: Electrochemistry; Energy &amp; Fuels; Materials Science

ORCID: <http://orcid.org/0000-0003-3244-6106>My Institutions ([more details](#))

Primary Institution: Thomson Reuters - IP &amp; Science

Sub-org/Dept:

Role: Other

## My Publications

**My Publications (16)**[View Publications](#)[Citation Metrics](#) ▶

ResearcherID labs

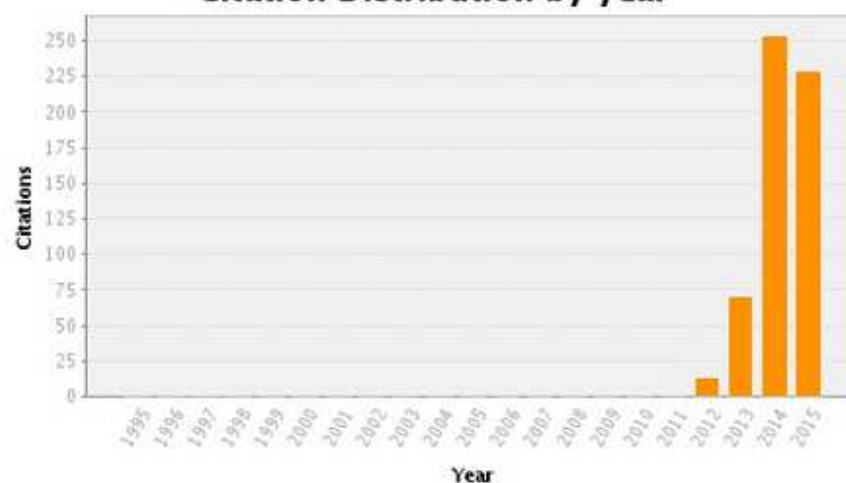
[Create A Badge](#)[Collaboration Network](#)[Citing Articles Network](#)

## My Publications: Citation Metrics

This graph shows the number of times the articles on the publication list have been cited in each of the last 20 years.

Note: Only articles from Web of Science Core Collection with citation data are included in the calculations. [More information about these data.](#)

## Citation Distribution by year



Total Articles in Publication List: 16

Articles With Citation Data: 16

Sum of the Times Cited: 567

Average Citations per Article: 35.44

h-index: 10

Last Updated: 09/16/2015 01:43  
GMT

## *h-index Measures Both the Output and Impact*

*“I propose the index  $h$ , defined as the number of papers with citation number  $\leq h$ , as a useful index to calculate the scientific output of a researcher” (2005).*

Jorge E. Hirsch

h-index of 1 = 1 paper with at least 1 citation

h-index of 2 = 2 papers with at least 2 citations

.....

h-index of  $h$  =  $h$  papers with at least  $h$  citations

To have high h-index, you need many papers and many citations to those papers!

## *h-index can be calculated by listing all your published papers in order*

To manually calculate your h-index, organize articles in descending order, based on the number of times they have been cited.

| Article Number | No. of Citations |                                                                            |
|----------------|------------------|----------------------------------------------------------------------------|
| 1              | 50               |                                                                            |
| 2              | 45               |                                                                            |
| 3              | 30               |                                                                            |
| 4              | 23               |                                                                            |
| 5              | 18               |                                                                            |
| 6              | 10               | h-index= <u>6</u><br>i.e <u>6</u> articles with <u>6</u> or more citations |
| 7              | 5                | These articles do not contribute to the h-index                            |
| 8              | 4                |                                                                            |
| 9              | 0                |                                                                            |



# What's the h-index for this researcher?

To manually calculate your h-index, organize articles in descending order, based on the number of times they have been cited.

| Article Number | No. of Citations |                                                                           |
|----------------|------------------|---------------------------------------------------------------------------|
| 1              | 350              | h-index= <u>1</u><br>i.e <u>1</u> article with <u>1</u> or more citations |
| 2              | 0                | These articles do not contribute to the h-index                           |
| 3              | 0                |                                                                           |
| 4              | 0                |                                                                           |
| 5              | 0                |                                                                           |
| 6              | 0                |                                                                           |

h-index measures both the output and impact! High h-index shows both high number of papers and high citation counts.

# *What's the h-index for this researcher, again?*

| Article Number | No. of Citations |
|----------------|------------------|
| 1              | 402              |
| 2              | 41               |
| 3              | 24               |
| 4              | 20               |
| 5              | 15               |
| 6              | 14               |
| 7              | 12               |
| 8              | 11               |
| 9              | 10               |
| 10             | 10               |
| 11             | 7                |
| 12             | 4                |
| 13             | 2                |

h-index=10  
i.e 10 articles with 10 or more citations

These articles do not contribute to the h-index



SEE, Diu Seng

Get A Badge

ResearcherID Labs

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Other Names: Zhaosheng Xue

URL: <http://www.researcherid.com/rid/I-6412-2015>

Subject: Electrochemistry; Energy &amp; Fuels; Materials Science

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Role: Other

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My Publications (16)

[View Publications](#)[Citation Metrics](#) ▶

ResearcherID labs

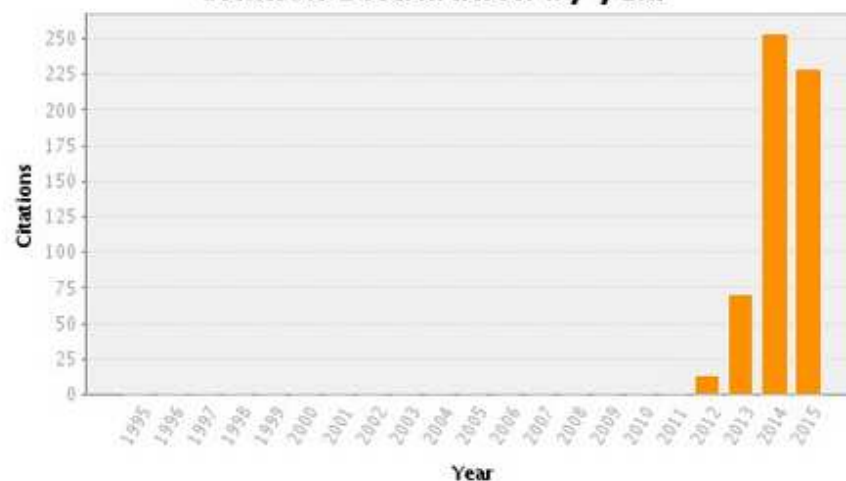
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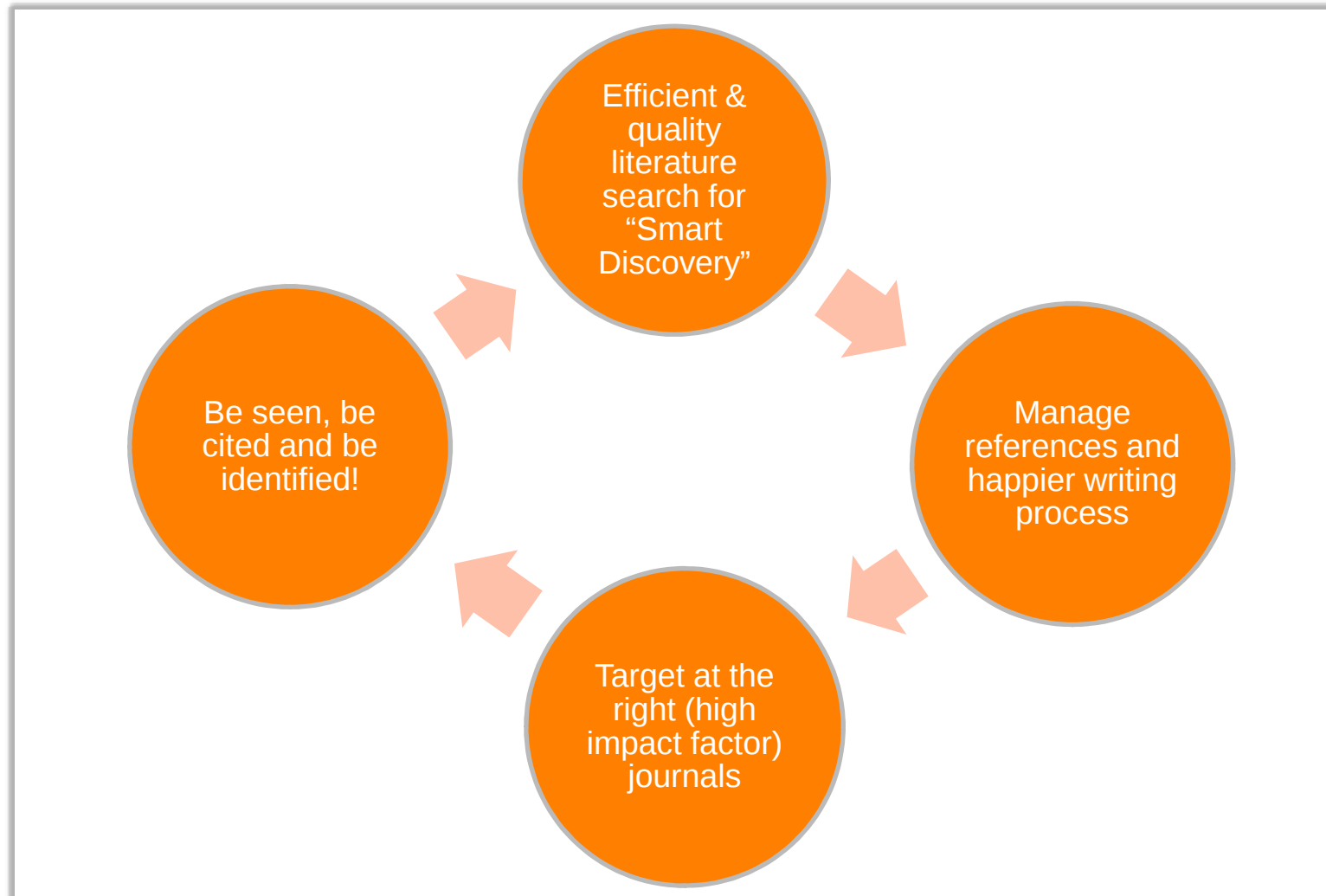
# *ResearcherID Demonstration*

- Where to find ResearcherID
- Publications Management
- H-index and citation patterns



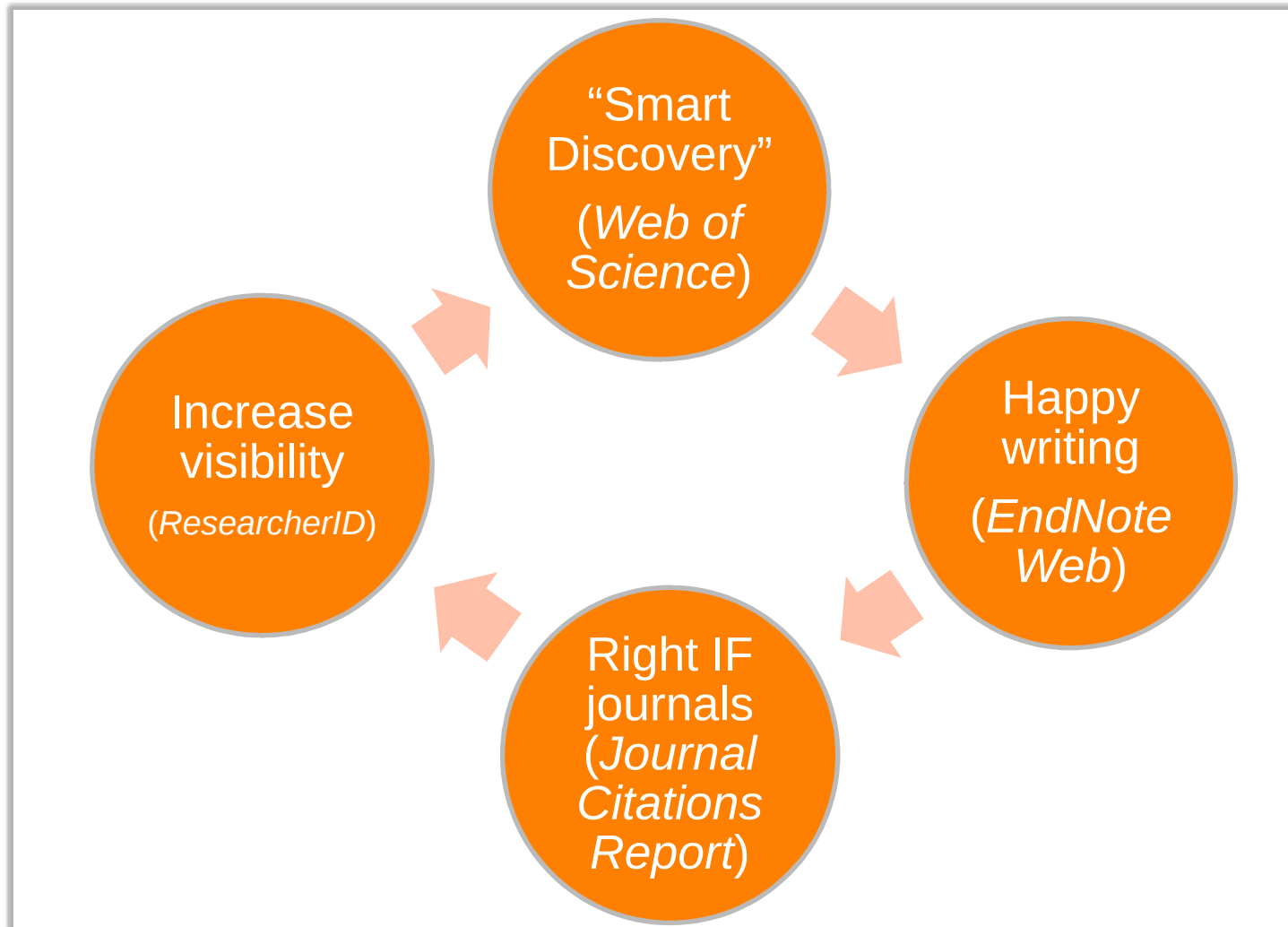
# *A Complete Research Management Tool*

## *Web of Science*



# A Complete Research Management Tool

## *Web of Science*



## *Take Home Message*

- Publishing scientific works is more than just “Write A Good Paper”.
- Variety of tools are used in the whole process.
  - Discovery, writing, submission...etc
- Many stakeholders, all with different interests.
  - Authors, editors, funders, universities, etc
- As an author, make it obvious why your work should be published.



# *Thank you! Q&A*

 **WoS Information:** <http://wokinfo.com/>

 **WoS Training:** <https://www.youtube.com/user/WoSTraining>

 **Journal Selection Process:**  
<http://wokinfo.com/essays/journal-selection-process/>

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[ts.support.asia@thomsonreuters.com](mailto:ts.support.asia@thomsonreuters.com)