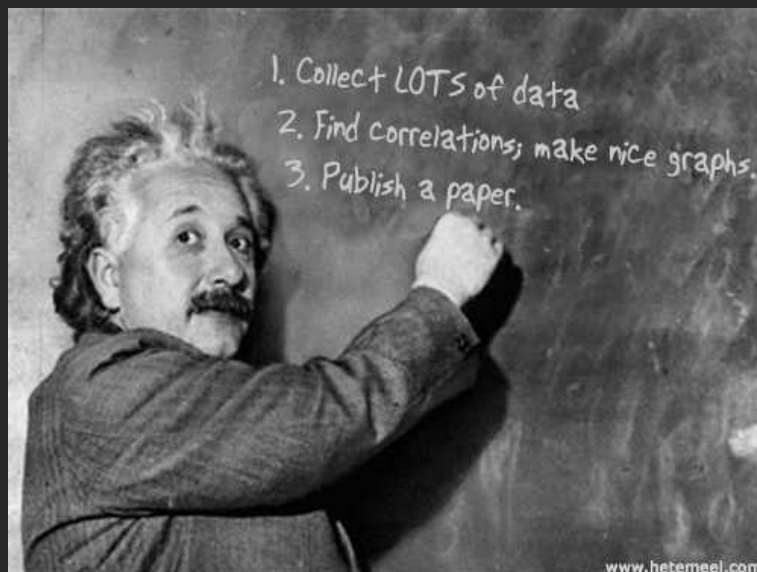


# Authorship and Publishing

1



## Why publish?

Publishing in a journal is an integral part of being a researcher:

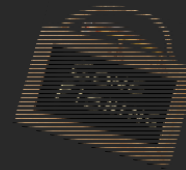


- connects researchers; informs about new research; world-wide readership
- permanent record of discoveries, when and by whom
- promotes recognition of researchers from funders and other institutions
- quality standard of the researcher's work: rated as valid, significant and original by other experts (peer review and citations)

## 5 familiar reasons for not publishing

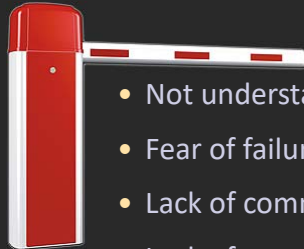
Skousen (2000)

- The research is not worthy of publication
- Scientists are too busy to publish
- Scientists are too picky and critical of their own work
- Scientists cannot take criticism and are unwilling to have their work scrutinized by others, and
- Miscellaneous excuses



## Barriers to starting

(Rememyi and Money, 2004)



- Not understanding what is required
- Fear of failure
- Lack of commitment to the need to publish
- Lack of support from the institution or the supervisor
- Poor personal motivation

## What about writer's block?

JOURNAL OF APPLIED BEHAVIOR ANALYSIS

1974, 7, 497

NUMBER 3 (FALL 1974)

*THE UNSUCCESSFUL SELF-TREATMENT OF  
A CASE OF "WRITER'S BLOCK"<sup>1</sup>*

DENNIS UPPER

VETERANS ADMINISTRATION HOSPITAL, BROCKTON, MASSACHUSETTS

---

THE UNSUCCESSFUL SELF-TREATMENT OF  
A CASE OF "WRITER'S BLOCK"<sup>1</sup>

DENNIS UPPER

VETERANS ADMINISTRATION HOSPITAL, BROCKTON, MASSACHUSETTS

REFERENCES

<sup>1</sup>Portions of this paper were not presented at the 81st Annual American Psychological Association Convention, Montreal, Canada, August 30, 1973. Reprints may be obtained from Dennis Upper, Behavior Therapy Unit, Veterans Administration Hospital, Brockton, Massachusetts 02401. Received 25 October 1973. (Published without revision.)

REFERENCES

<sup>1</sup>Portions of this paper were not presented at the 81st Annual American Psychological Association Convention, Montreal, Canada, August 30, 1973. Reprints may be obtained from Dennis Upper, Behavior Therapy Unit, Veterans Administration Hospital, Brockton, Massachusetts 02401.

Received 25 October 1973.  
(Published without revision.)

COMMENTS BY REVIEWER A

I have studied this manuscript very carefully with lemon juice and X-rays and have not detected a single flaw in either design or writing style. I suggest it be published without revision. Clearly it is the most concise manuscript I have ever seen—yet it contains

sufficient detail to allow other investigators to replicate Dr. Upper's failure. In comparison with the other manuscripts I get from you containing all that complicated detail, this one was a pleasure to examine. Surely we can find a place for this paper in the Journal—perhaps on the edge of a blank page.

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### UNSUCCESSFUL SELF-TREATMENT OF A CASE OF WRITERS BLOCK

By: [UPPER, D](#) ([UPPER, D](#))

JOURNAL OF APPLIED BEHAVIOR ANALYSIS  
 Volume: 7 Issue: 3 Pages: 497-497  
 DOI: 10.1901/jaba.1974.7.497a  
 Published: 1974  
 Document Type: Article  
[View Journal Impact](#)

**Author Information**  
 Addresses:  
 [1] VET ADM HOSP,BEHAV THERAPY UNIT,BROCKTON,MA 02401

**Publisher**  
 JOURNAL APPL BEHAV ANAL, DEPT HUMAN DEVELOPMENT, UNIV KANSAS, LAWRENCE, KS 66045

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9

*Perceptual and Motor Skills*, 1983, 57, 566. © Perceptual and Motor Skills 1983

**THE UNSUCCESSFUL SELF-TREATMENT OF A CASE OF  
 "WRITER'S BLOCK": A REPLICATION**

GEOFFREY N. MOLLOY  
*Monash University\**

REFERENCE

UPPER, D. The unsuccessful self-treatment of a case of 'writer's block'. *Journal of Applied Behavior Analysis*, 1974, 7, 497.

Accepted August 10, 1983.\*

\*Faculty of Education, Clayton, Victoria, Australia 3168.  
 \*Without revision.

10

UNSUCCESSFUL SELF-TREATMENT OF "WRITER'S BLOCK":  
A REVIEW OF THE LITERATURE<sup>1</sup>

KENNETH R. OLSON  
*Fort Hays State University*

Several replicated case studies of the unsuccessful self-treatment of "writer's block", first reported by Upper (1974), have recently been published (Hermann, 1984; Molloy, 1983). Review shows that the consistent outcome of these studies is

REFERENCES

- HERMANN, B. P. Unsuccessful self-treatment of a case of "writer's block": a partial failure to replicate. *Perceptual and Motor Skills*, 1984, 58, 550.  
MOLLOY, G. N. The unsuccessful self-treatment of a case of "writer's block": a replication. *Perceptual and Motor Skills*, 1983, 57, 566.  
UPPER, D. The unsuccessful self-treatment of a case of "writer's block". *Journal of Applied Behavior Analysis*, 1974, 7, 497.

Accepted July 15, 1984.

<sup>1</sup>Supplementary data and analysis have not been filed anywhere, including with Microfilm Publications, 440 Park Avenue South, New York, NY 10016.

11

## Authorship

Who qualifies?

### Australian Code on the Responsible Conduct of Research





Says "... must be based on substantial intellectual contribution and responsibility for at least part of the work contributed in any combination of:

- Conception and design of the project
- Analysis and interpretation of research data
- Drafting significant parts of the work or critically revising it so as to contribute to its interpretation"

12

**Thus,**

**Some criteria for deciding authorship in a joint paper:  
By role**

- **Writer** 
- **Experimenter** 
- **Data analyst** 
- **Grant applicant/team leader** 

13

**Some criteria for deciding authorship in a joint paper:  
By expertise**

- Would any author be able to field questions and criticisms of the paper in the absence of the other authors?



14

## Order of Appearance of Names

I.M. Great, N. Modest, and U.R. Last

### The practice varies but the order

- could imply weight of contribution
- may list by greatest name recognition
- could list the research leader's name last

An alphabetical listing is sometimes used instead

15

## Many hands make light work . . .

### The NEW ENGLAND JOURNAL of MEDICINE

ESTABLISHED IN 1812

DECEMBER 29, 2011

VOL. 365 NO. 26

#### Liberal or Restrictive Transfusion in High-Risk Patients after Hip Surgery

1 Jeffrey L. Carson, M.D., Michael L. 2 Merrin, M.D., M.P.H., Helaine 3 Noveck, M.P.H., David W. Sanders, M.D.,  
Bernard R. Chaitman, M.D., George 5 Rhoads, M.D., M.P.H., George Nemo, Ph.D., Karen 7 Fragert, R.N.,  
Lauren 8 Saupre, P.T., Ph.D., Kevin Hild 9 Brand, M.D., William Mac 10 Kay, M.D., Courtland 11 His, M.D.,  
Donald Richard 12 Kirk, B.M.Sc., M.D., Gwendolyn 13 Jobbin, C.C.R.P., Khwaja J 14 kriya, M.D., Fred S. 15 Cole, Ph.D.,  
Rebecca A 16 rnerney, B.A., and Jay Magazini 17 Ph.D., M.S.Hyg., for the FOCUS Investigators\*

ABSTRACT

16





## Forest fragmentation affects early successional patterns on shifting cultivation fields near Indian Church, Belize

John A. Kupfer<sup>a,\*</sup>, Amy L. Webbeking<sup>b</sup>, Scott B. Franklin<sup>b</sup>

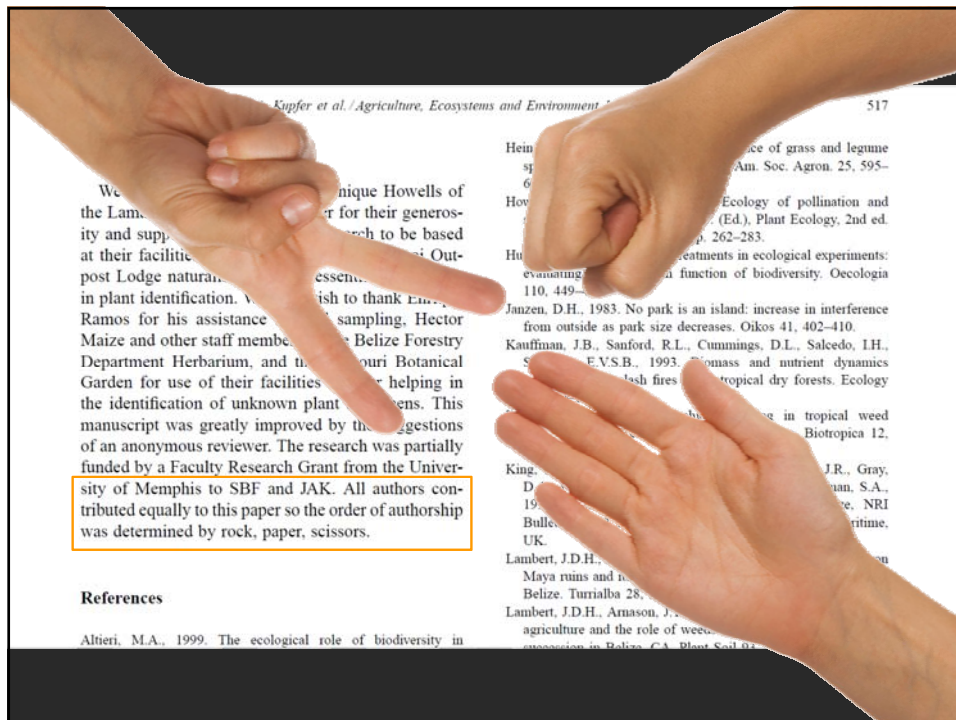
<sup>a</sup> Department of Geography and Regional Development, University of Arizona, Havill Building Box 2, Tucson, AZ 85721, USA

<sup>b</sup> Department of Biology, University of Memphis, Memphis, TN 38152-6080, USA

Received 20 December 2002; received in revised form 17 November 2003; accepted 21 November 2003

### Abstract

This study examines whether vegetation and soils sampled in slash-and-burn fields in an agricultural landscape near Indian Church, Belize varied as a function of cropping status (in use, 1–2 year fallow, 3–10 year fallow) and distance to older forest (adjacent to or >150 m from forest). Multi-response permutation procedures (MRPPs) indicated that species composition (woody species density, herbaceous species cover) differed significantly among all treatments (woody:  $P = 0.006$ ; herbaceous:  $P = 0.0001$ ) and between distance classes (woody:  $P = 0.03$ ; herbaceous:  $P = 0.002$ ). The frequency of herbaceous life

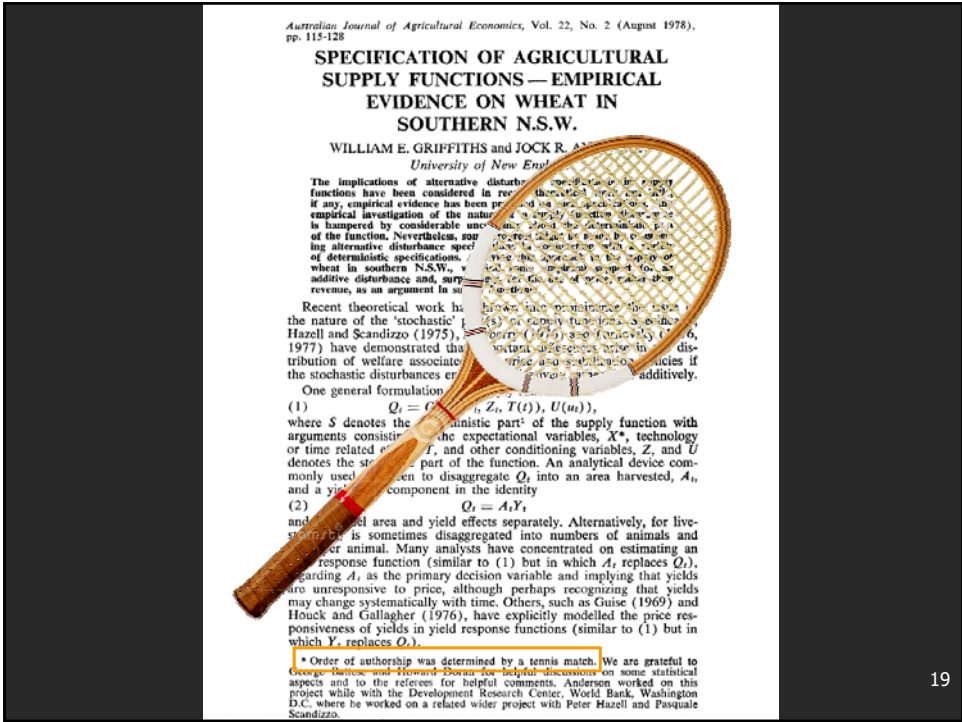


We thank the Howells of the Lam... for their generosity and support... research to be based at their facilities... Outpost Lodge natural... essential... wish to thank... Ramos for his assistance... sampling, Hector Maize and other staff members... Belize Forestry Department Herbarium, and the Missouri Botanical Garden for use of their facilities... helping in the identification of unknown plant... This manuscript was greatly improved by the suggestions of an anonymous reviewer. The research was partially funded by a Faculty Research Grant from the University of Memphis to SBF and JAK. All authors contributed equally to this paper so the order of authorship was determined by rock, paper, scissors.

### References

Altieri, M.A., 1999. The ecological role of biodiversity in

Hein... of grass and legume sp... Am. Soc. Agron. 25, 595–6...  
Hov... Ecology of pollination and... (Ed.), Plant Ecology, 2nd ed... p. 262–283.  
Hu... treatments in ecological experiments: evaluating... function of biodiversity. Oecologia 110, 449–...  
Janzen, D.H., 1983. No park is an island: increase in interference from outside as park size decreases. Oikos 41, 402–410.  
Kauffman, J.B., Sanford, R.L., Cummings, D.L., Salcedo, I.H., S... E.V.S.B., 1993. Biomass and nutrient dynamics... slash fires... tropical dry forests. Ecology...  
King... in tropical weed... Biotropica 12, ...  
King, J.R., Gray, ... S.A., 19... NRI... ritime, UK.  
Lambert, J.D.H., ... on Maya ruins and ... Belize. Turrialba 28, ...  
Lambert, J.D.H., Amason, J., ... agriculture and the role of weed... in Belize. CA. Plant Soil 04...



# Publishing

## The Process

- a. Choose journal
  - Scope / coverage
  - Indexed?



- b. Write
  - Follow the instructions to authors

- Format / style
- Length
- Illustrations
- Referencing
- Submission



The format of a paper is **IMRaD** but the probable sequence of writing is **MRDaI**:

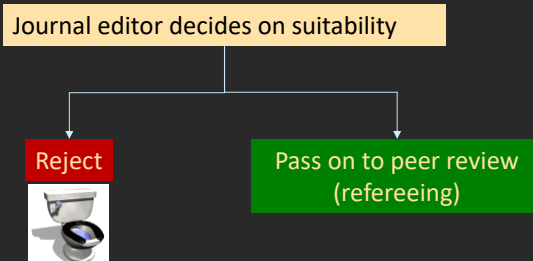
- Materials and Methods can be described before your results are obtained
- Results must be generated and analysed before you can discuss
- The discussion must be known before an appropriate Introduction can be written to set the work and findings in their proper place
- The title and abstract must have a completed work to summarize

d. **Maturation and final proofing**

e. **Submit manuscript**

f. **Journals receive more manuscripts than they can/will publish.**

Two-step vetting process:



g. **Await review by referees**

## Peer Review

Around **21,000** scholarly and scientific journals use the peer-review system, publishing over **1 million** research papers each year (Sense About Science, 2005)

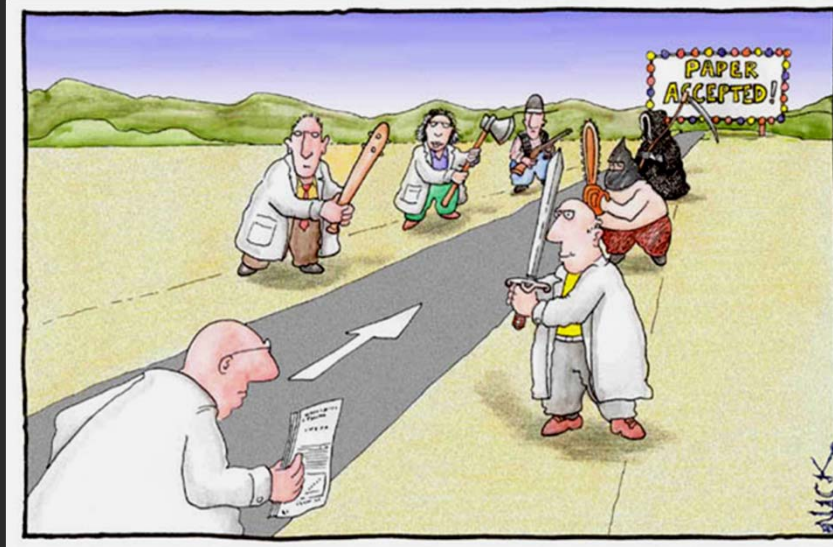
## Peer Review

### Is used in

- Assessment of grant applications for funding
- Reviewing manuscripts for journal publication (refereeing)

**Is a quality assurance procedure**

## How some see it



25

## How some feel about it

### ROTATIONAL SPLITTINGS WITH COROT, EXPECTED NUMBER OF DETECTION AND MEASUREMENT ACCURACY

M.J. Goupil<sup>1</sup>, J. Lochard<sup>1</sup>, R. Samadi<sup>1</sup>, C. Barban<sup>1</sup>, M.A. Dupret<sup>1</sup>, and A. Baglin<sup>1</sup>

<sup>1</sup>Laboratoire d'Etudes Spatiales et d'Instrumentation pour l'Astrophysique, UMR CNRS 8109, Observatoire de Paris, 5 place J. Janssen, 92190, Meudon, France

#### ABSTRACT

One of the main goal of the CoRoT experiment is to determine the internal rotation of stars. A seismic measure of rotation requires the detection and an accurate measurement of rotational splittings. Our ability to achieve this goal with CoRoT observations depends on the properties of the target star (in short: spectral type and distance) and will be discussed.

#### 1. INTRODUCTION

Seismology can be a power tool to provide information about stellar rotation through the precise travel

inside the star as:

$$\Delta\nu_{n\ell} = \int \frac{\Omega(r, \theta)}{2\pi} K_{n,\ell}(r, \theta) d\theta dr$$

where  $r$  is the radius inside the star,  $K_{n,\ell}$  is the rotational kernel which depends on the eigenfunction associated with the  $(n, \ell)$  nonrotating mode. From the knowledge of the splittings (determined observationally), it is then theoretically possible to invert the above relation and deduce the rotation profile  $\Omega(r, \theta)$ .

We consider here only the depth dependence of the rotation profile and therefore look for information on  $\Omega(r)$  which satisfies (see for instance, Christensen-Dalsgaard, 2003):

26

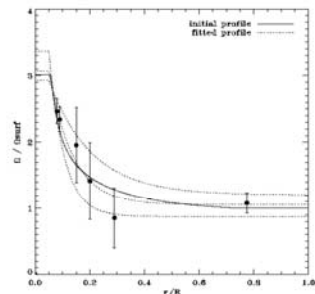


Figure 8. Input and fitted rotational profiles. The full line curve stands for the initial rotational profile. The dotted curves fit the retrieved points by inversion at several radii. The middle one fits the central values, the two others fit the extreme values of the error bars. From Lochard et al 2005.

which fortunately will be made observationally available with CoRoT.

*acknowledgements* We gratefully thank the Programme National de Physique Stellaire for financial support. **We do not gratefully thank T. Apourchoux for his useless and very mean comments.**

#### REFERENCES

1. Baudin, F., Samadi, R., Goupil, M.J., et al. 2005, A&A, 433, 349
2. Christensen-Dalsgaard, J., Däppen, W., Ajukov, S. V., et al. 1996, Science, 272, 1286
3. Christensen-Dalsgaard, J., 2003, Lecture Notes on Stellar Oscillations, <http://astro.phys.au.dk/jcd/oscilnotes/>
4. Gizon, L., Solanki, S.K., 2003, ApJ 589, 1009
5. Gizon, L., Solanki, S.K., 2004, Solar Phys. 220, 169
6. Goutebroze & Taintain 1991, A&A 287, 535

27

## Since,

“... the person most qualified to judge the worth of a scientist’s grant proposal or the merit of a submitted research paper are precisely those who are the scientist’s closest competitors” (Judson, 1994)

## A reviewer must be above:

- envy
- favoritism
- the temptation to plagiarize

28

## Reviewers are asked to comment on:

- **Validity**

Are results credible?

Is the methodology appropriate?

- **Significance**

Is it an important finding?

- **Originality**

Are the results new?

Does the paper give proper credit to the work of others?

- **Whether the paper should be:**

Published, improved or rejected

29

## How do we know if a journal uses peer review?

### One could check

- Science Citation Index<sup>®</sup>
- Social Sciences Index<sup>®</sup>

A journal listed in these indices is peer reviewed



## A case when peer review did not work



## The controversy

- Human-induced climate change: proponents vs. skeptics
- Keen media and other interest.
  - >56,000 downloads of the article in the month after publication (Wagner, 2011)
  - “Has a central tenant [*sic*] of global warming just collapsed?” and Fox News anchor Bret Baier asserted that the study “appears to be blowing a hole in global warming,” (Fong, 2011)





- The Spencer group known in the scientific community for flaws in past papers disputing global warming (Abraham in Hickman, 2011)
- Published in an “off-topic” journal for climate science
- Errors in the paper were quickly picked up by mainstream scientists leading to the Editor-in-Chief of the journal to .....



*Remote Sens.* **2011**, *3*, 2002-2004; doi:10.3390/rs3092002

OPEN ACCESS

**Remote Sensing**

ISSN 2072-4292

www.mdpi.com/journal/remotesensing

Editorial

**Taking Responsibility on Publishing the Controversial Paper  
“On the Misdiagnosis of Surface Temperature Feedbacks from  
Variations in Earth’s Radiant Energy Balance” by Spencer and  
Braswell, *Remote Sens.* 2011, 3(8), 1603-1613**

**Wolfgang Wagner**

Institute of Photogrammetry and Remote Sensing, Vienna University of Technology (TU Wien),  
Gusshausstrasse 27-29, A-1040 Vienna, Austria; E-Mail: ww@ipf.tuwien.ac.at;  
Tel.: +43-1-58801-12225; Fax: +43-1-58801-12299

Received: 1 September 2011 / Accepted: 2 September 2011 /  
Published: 2 September 2011

Peer-reviewed journals are a pillar of modern science. Their aim is to achieve highest scientific standards by carrying out a rigorous peer review that is, as a minimum requirement, supposed to be able to identify fundamental methodological errors or false claims. Unfortunately, as many climate researchers and engaged observers of the climate change debate pointed out in various internet discussion fora, the paper by Spencer and Braswell [1] that was recently published in *Remote Sensing* is most likely problematic in both aspects and should therefore not have been published.

After having become aware of the situation, and studying the various pro and contra arguments, I agree with the critics of the paper. Therefore, I would like to take the responsibility for this editorial decision and, as a result, step down as Editor-in-Chief of the journal *Remote Sensing*.

With this step I would also like to personally protest against how the authors and like-minded climate sceptics have much exaggerated the paper’s conclusions in public statements, e.g., in a press release of The University of Alabama in Huntsville from 27 July 2011 [2], the main author’s personal homepage [3], the story “New NASA data blow gaping hole in global warming alarmism” published by Forbes [4], and the story “Does NASA data show global warming lost in space?” published by Fox News [5], to name just a few. Unfortunately, their campaign apparently was very successful as witnessed by the over 56,000 downloads of the full paper within only one month after its publication. But trying to refute all scientific insights into the global warming phenomenon just based on the comparison of one particular observational satellite dataset with model predictions is strictly

Peer-reviewed journals are a pillar of modern science. Their aim is to achieve highest scientific standards by carrying out a rigorous peer review that is, as a minimum requirement, supposed to be able to identify fundamental methodological errors or false claims.

### **According to Wagner**

- Peer reviewers chosen: 3 senior scientists from renown US universities
- Their assessment:  
1 major revision; 1 minor revision; 1 accept as is
- Chosen reviewers share the “same climate skeptic notions of the authors” – unintentional selection
- Manuscript was accepted as it is important to present minority views
- After publication and subsequent controversy Wagner’s view changed: The authors ignored the scientific arguments of opposing views, a fact not picked up by the review process
- “I perceive this paper to be fundamentally flawed and therefore wrongly accepted by the journal”

## **The Value of Peer Review** (Harris, 2011)

- **For authors:**  
Respectability conferred; prestige of a peer-reviewed journal drawn upon
- **For journal editors:**  
Confidence derived from vetting that the journal's reputation is properly managed
- **For other scientists:**  
Poor papers filtered out
- **For others:**  
A quality standard where claims based on science can be checked against research published in a respected peer-reviewed journal

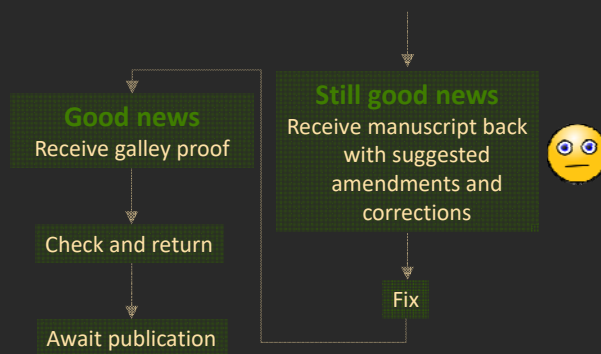
## **The Limitations of Peer Review** (Harris, 2011)

- **No guarantee of quality**  
BMJ study (Godlee, 1998)  
[8 deliberate errors introduced but the median detected by 221 reviewers was only 2; none found more than 5 errors; 16% found no errors]
- **Not a fraud detection system**  
More likely to detect plagiarism than fraud  
(no access to the actual data)
- **Slows down the research process**  
Peer review can take a long time
- **Suppression**  
The scientific establishment may reject contrarian work.  
Innovative ideas may be slower to appear

## h. After the review



39



40



**Bad news**  
Manuscript rejected

**REVIEW!!!**  
What went wrong?

**More work**  
Re-write / Benchwork

41



Almost all scientists will have manuscripts of their work rejected at some stage of their career

and if it happens to you . . .

consider yourself to be in the best of company . . .

# A rejection story

(After Borrell, 2010)

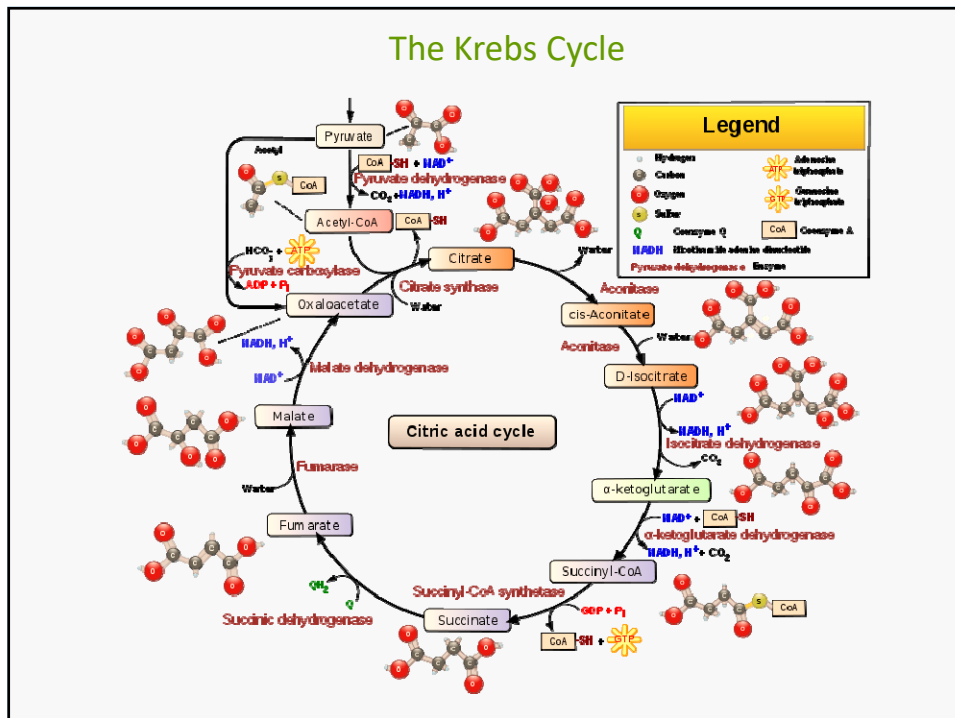
## Sir Hans Adolf Krebs

1900 – 1981

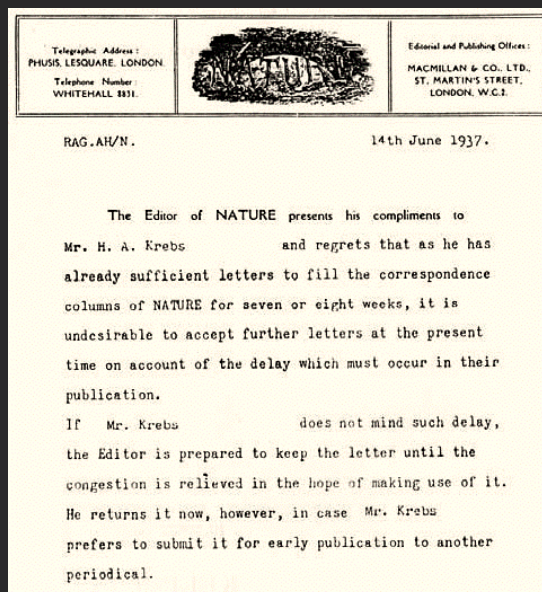
- Biochemist
- Discoverer of the Citric Acid Cycle (the “Krebs Cycle”)



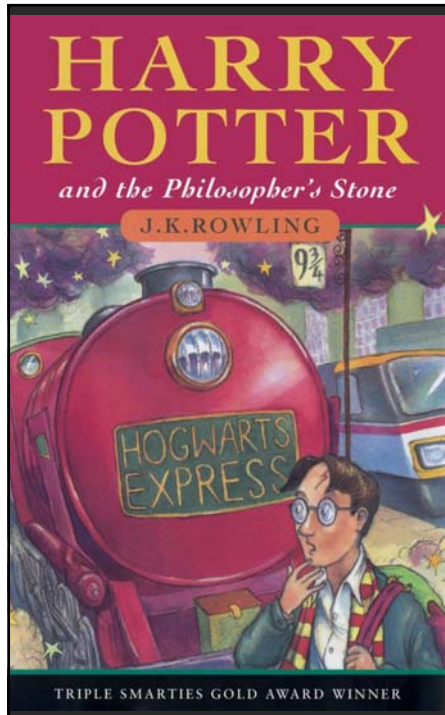
for which he was awarded the 1953 Nobel Prize in Physiology or Medicine



- March 1937  
Krebs made the initial findings which led to the discovery of the Citric Acid Cycle
- Findings submitted to *Nature* but his short paper (a letter) was not published
- The journal had a *letters* backlog of 2 months (Krebs' letter was not important enough)
- Krebs: "This was the first time in my career, after having published more than fifty papers, that I experienced a rejection or semi-rejection"



- Krebs re-submitted his findings to *Enzymologia* and was published within 2 months
- in 1988, a letter in *Nature* published by an editor called the rejection the journal's most "egregious error"



## Who's sorry now?

J.K. Rowling's manuscript for her first book was sent to 12 publishers who all rejected it (The Scotsman, 2003)



## “Eight reasons I rejected your article”

Trower (2012)

Editor-in-Chief of *Carbon* (JIF 6.350 [5-year])



1. Fails technical screening
2. Outside aims and scope
3. Incomplete
4. Procedures and/or data analysis faulty
5. Conclusion(s) not justifiable
6. Simply incremental, or divided work
7. Incomprehensible
8. Boring

49

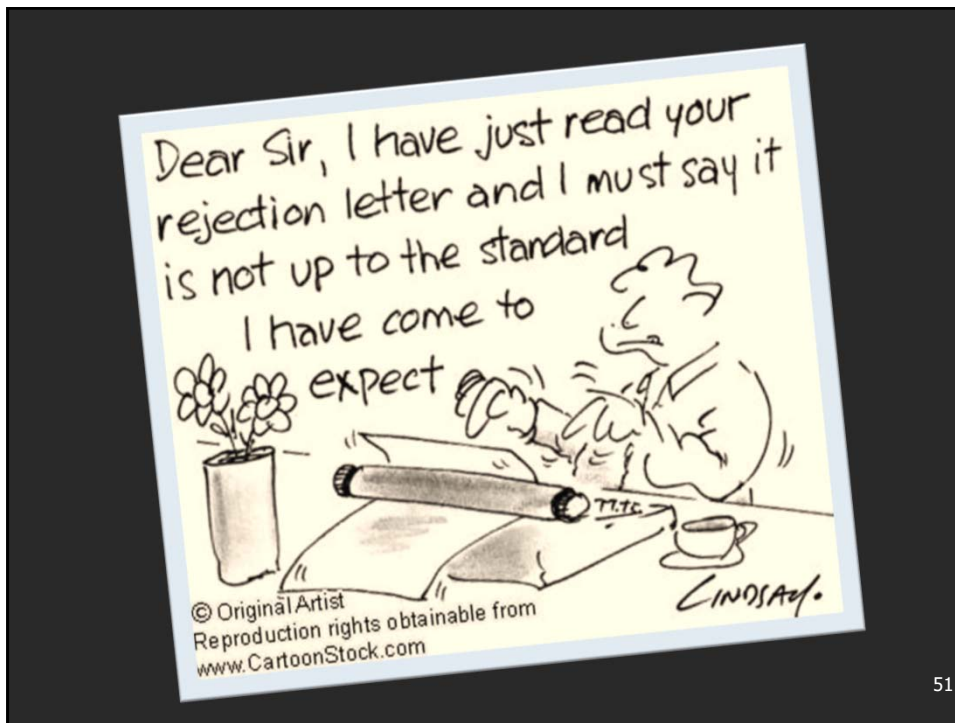
## Common reasons for rejection

Springer (2013)



- Lacks proper structure
- Lacks detail for comprehending the analysis
- Adds nothing new
- Does not distinguish between “old” and “new” information
- Lacks up-to-date references
- Conclusion(s) not fully supported by data presented
- M&M not detailed enough for repetition of experiment
- Clear description lacking in the hypothesis tested
- Poor experimental design; faulty/insufficient statistical analysis
- Poor language ability

50



51

## Predatory publishers



- “Predatory publishers use deception to **appear legitimate**, entrapping researchers into submitting their work and then **charging** them **to publish** it” (Beall, 2012)
- A particular problem with Open Access journals

52

## How rigorous are Open Access journals?

### Who's Afraid of peer review? (Bohannon, 2013)

- "Nonsense" manuscript submitted to many "on topic" open access journals
- Of 255 manuscripts processed to an outcome, 60% were not peer reviewed
- 157 acceptances; 98 rejections
- Of those which were reviewed, the acceptance rate was 70%

53

Consider:

**Simpson, M.; Kim, J.F. and Krabappel, E. (2014)**  
"Fuzzy, Homogeneous Configurations"

54

Accepted in:  
Journal of Computational Intelligence and  
Electronic Systems



**AMERICAN SCIENTIFIC PUBLISHERS**  
Journal of Computational Intelligence and Electronic Systems  
Phone: +86-24-83958379-807 Email: asp.jcies@gmail.com

July 23, 2014

## Acceptance Letter

Dear Margaret Simpson, Kim Jong Fun, Edna Krabappel,

Congratulations! As a result of the reviews and revisions, we are pleased to inform you that your following paper has been formally accepted for publication in Journal of Computational Intelligence and Electronic Systems (<http://www.aspbs.com/jcies/>).

55

and  
Aperito Journal of NanoScience Technology



Aperito Journal of Nanoscience  
Technology

Received: Sep 16, 2014  
Accepted: Oct 10, 2014  
Published: Oct 14, 2014

<http://dx.doi.org/10.14437/AJN-1-101>

Review

Margaret Simpson, Aperito J Nanosci Technol 2014: 1:1

### *"Fuzzy", Homogeneous Configurations*

Margaret Simpson\*, Kim Jong Fun and Edna Krabappel

Department of Electrical and Computer Engineering, Belford University, USA

#### Abstract

The Ethernet must work. In this paper, we confirm the improvement of e-commerce. WEKAU, our new methodology for forward-error correction, is the solution to all of these challenges.

combination of properties has not yet been investigated in existing work.

To our knowledge, our work in our research marks the first system emulated specifically for linear-time information. To put this in perspective, consider the fact that famous hackers worldwide largely use write-back caches to fulfill this objective.

56

Both are pay-to-publish Open Access journals

Who are Simpson, M. and Krabappel, E.?

57



Edna Krabappel

58



The work of Alex Smolyanitski

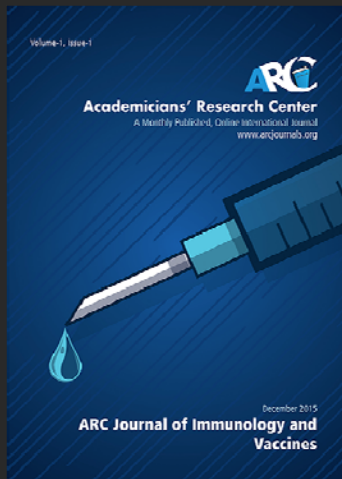
<http://www.vox.com/2014/12/7/7339587/simpsons-science-paper>








60

## The Editorial Board

ARC Journal of Immunology and Vaccines  
(from an archived webpage)

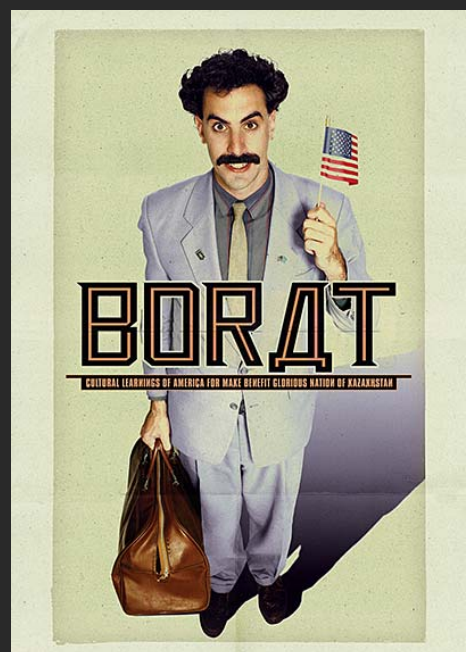
Do you know this “scientist”?



	<b>Zafar Mahmood</b> University Hospital Wurzburg Germany
	<b>Ahmed Adel Seida</b> Cairo University Egypt
	<b>Muzamil Y. Wan</b> Translational Health Science and Technology Institute India
	<b>Borat Sagdiyev</b> University of Kazakhstan Kazakhstan
	<b>Mohammad Owais</b> Alligarh Muslim University India
	<b>Sarwat Sultana</b> Jamia Hamdard University India
	<b>Ravi S Misra</b> University of Rochester Medical Center USA

Borat Sagdiyev is a character from TV and films created by actor Sacha Cohen

Borat appeared in  
**"BORAT: CULTURAL LEARNINGS OF AMERICA FOR MAKE BENEFIT GLORIOUS NATION OF KAZAKHSTAN"**



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## Checking the quality of open access journals

Legitimate journals are likely to:

- Be found in the Directory of Open Access Journals (DOAJ)
- Be published by members of the Committee on Publication Ethics (COPE)
- Be published by members of the International Association of Scientific, Technical & Medical Publishers (STM)
- Have editor(s) and editorial board comprising recognized experts.
- More here:  
<http://scholarlyoa.com/2012/11/30/criteria-for-determining-predatory-open-access-publishers-2nd-edition/>

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## Lists

- Directory of Open Access Journals (DOAJ)  
<http://doaj.org/>  
  
However, of all DOAJ journals to which Bohannon (2013) submitted a “nonsense” manuscript, 45% accepted.
- List of journals deemed predatory (Scholarly Open Access)  
<http://scholarlyoa.com/individual-journals/>  
  
82% acceptance of Bohannon (2013) “nonsense” manuscript.
- List of publishers deemed predatory (Scholarly Open Access)  
<http://scholarlyoa.com/publishers/>

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# Bibliometrics

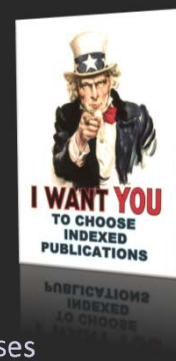
Tracking your career

65

## Choose to publish in indexed journals

Having a publication is but the first step  
establishing a professional credential

- The research loop is completed when your work is read and referred to by others
- That your work is cited makes you stand above the average
- To be cited, your work needs to be known.
- The best way to be known is via citation databases which professionals consult when looking for relevant literature
- To be listed in a citation database, your work needs to be published in a journal, proceedings or similar that is indexed



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Having works that are indexed allows you to display your publication track record to advantage in the following manner when required *e.g.* for a grant application:

- M. Akan Angin (2003) Rice vermicelli in a laksa broth taken at breakfast causes lethargy in public servants. *J. Physiol.* 72(3): 1102 - 1110. [38 citations, Web of Science; JCR Journal Impact Factor = 3.1]
- M. Akan Angin (2005) Correlation between IQ and the impulse to use an elevator to travel only one floor. *Ann. Rev. Psychiatry* 129: 34 - 78. [241 citations, Web of Science; JCR Journal Impact factor = 9.7]

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## Citation analysis

- Number of times cited in an index database
- Via  
Science Citation Index<sup>®</sup>; Social Sciences Index<sup>®</sup>; ResearcherID<sup>®</sup>  
SCOPUS<sup>®</sup>  
Google Scholar

## Productivity and impact

- *H*-index
- Via  
Web of Science<sup>®</sup> ResearcherID<sup>®</sup> Authoritative  
SCOPUS<sup>®</sup> Includes all web mentions  
Google Scholar  
Publish or Perish<sup>®</sup>

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Web of Science

Citation report for 15 results from All Databases between 1950 and 2018

You searched for: From Marked List: ...More

This report reflects citations to source items indexed within All Databases.

Export Data: Save to Excel File

Total Publications <b>15</b>	<b>h-index</b> <b>11</b> Average citations per item <b>57</b>	Sum of Times Cited <b>855</b> Without self citations <b>843</b>	Citing articles <b>813</b> Without self citations <b>806</b>
---------------------------------	--	--	---

**h-index**  
11 papers cited at least 11 times

**Average no. of citations per item**

69

Paper

Times cited

Use the checkboxes to remove individual items from this Citation Report

or restrict to items published between 1950 and 2018

	2014	2015	2016	2017	2018	Total	Average Citations per Year
46	41	56	58	19	855	25.91	
1. <b>Role of plants, mycorrhizae and phytochelators in heavy metal contaminated land remediation</b> By: Khan, AG; Kuek, C; Chaudhry, TM; et al. Conference: Conference on Environmental Contamination, Toxicology and Health Location: HONG KONG BAPTIST UNIV, HONG KONG, PEOPLES R CHINA Date: SEP 23-25, 1998 Sponsor(s): Croucher Fdn; Environm & Conservat Fund; Hong Kong Baptist Univ; British Council; Dept Trade & Ind; Zhongshan Univ; Perkin Elmer Hong Kong Ltd; Guyline (Asia) Ltd <b>CHEMOSPHERE</b> Volume: 41 Issue: 1-2 Pages: 197-207 Published: JUL 2000	25	26	36	33	12	466	24.53
2. <b>Continuous degradation of phenol at low concentration using immobilized Pseudomonas putida</b> By: Mordocco, A; Kuek, C; Jenkins, R <b>ENZYME AND MICROBIAL TECHNOLOGY</b> Volume: 25 Issue: 6 Pages: 530-536 Published: SEP 1999	3	1	9	5	1	84	4.20
3. <b>In vitro efficacy of plant volatiles for inhibiting the growth of fruit and vegetable decay microorganisms</b> By: Utama, IMS; Willis, RBH; Ben Yehoshua, S; et al. <b>JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY</b> Volume: 50 Issue: 22 Pages: 6371-6377 Published: OCT 23 2002	8	5	6	7	3	76	4.47
4. <b>Aerobic batch degradation of phenol using immobilized Pseudomonas putida</b> By: Hannaford, AM; Kuek, C <b>JOURNAL OF INDUSTRIAL MICROBIOLOGY &amp; BIOTECHNOLOGY</b> Volume: 22 Issue: 2 Pages: 121-126 Published: FEB 1999	1	0	3	3	1	56	2.80

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Other Names: Primary Institution: Curtin University Sarawak

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 Role: Administrator

URL: http://www.researcherid.com/rid/D-5175-2011 Joint Affiliation:   
 Sub-org./Dept:   
 Role:   
 Past Institutions:

Subject: Biotechnology & Applied Microbiology; Microbiology

Keywords: fermentation; secondary metabolites; microalgal culture; fungal culture; biotreatment of wastes; inoculum production; immobilized cells

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15 publication(s) Page 1 of 2

- Title: Role of plants, mycorrhizae and phytochelators in heavy metal contaminated land remediation  
Author(s): Khan, A. G.; Kuek, C.; Chaudhry, T. M.; et al.  
Source: Chemosphere Volume: 41 Issue: 1-2 Pages: 197-207 Published: 2000

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 Sub-org./Dept:   
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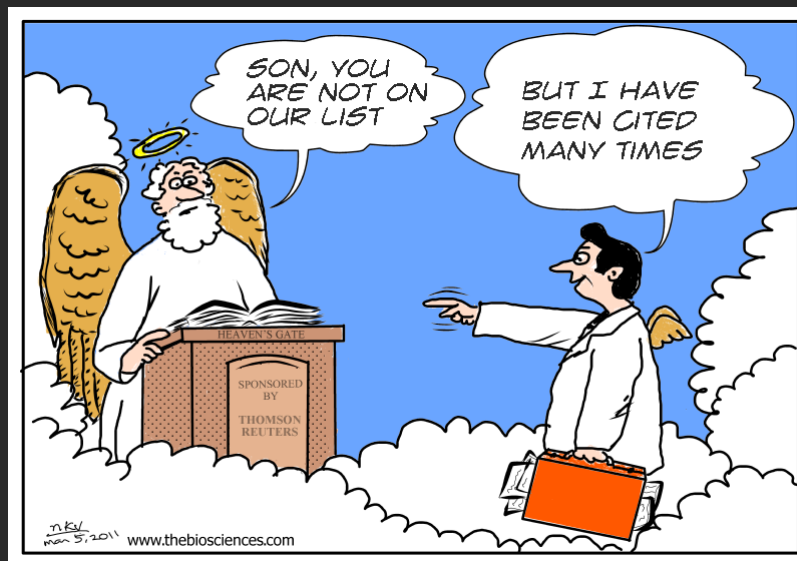
Publication Groups  
Publication List 1 (0)  
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Citation Metrics  
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**My Publications: Citation Metrics**

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: 15  
Articles With Citation Data: 15  
Sum of the Times Cited: 742  
Average Citations per Article: 49.47  
h-index: 11  
Last Updated: 05/21/2018 06:59 GMT



Credential check (after Biosciences.com, 2011)

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## Which journal to publish in?

### Journal Impact Factor<sup>®</sup>

- An ISI (Institute for Scientific Information) metric
- defined as citations to the journal in the current year to items in the previous two years divided by the count of scholarly items in those previous two years.

$$\text{IF for 2016} = \frac{\text{No. of citations in 2016 of papers in 2015 and 2014}}{\text{Total number of papers in 2015 and 2014}}$$

- Used to compare between indexed journals  
ISI *Web of Science* Core Collection covers 18,200 journals in science, social sciences, arts and humanities.  
(<http://clarivate.libguides.com/webofscienceplatform/coverage>)
- Has drawbacks but used by MyRA and others

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# Journal Citation Reports®

ISI Web of Knowledge™  
Journal Citation Reports®

Journal Summary List  
Journals from: subject category: **ENGINEERING, ELECTRICAL & ELECTRONIC** VIEW CATEGORY SUMMARY LIST  
Sorted by: Impact Factor SORT NAME

Journals 1 - 20 (of 245) Ranking is based on your journal and sort selections.

Mark	Rank	Abbreviated Journal Title (linked to journal information)	ISSN	JCR Data (j)					Eigenfactor® Score	
				Total Cites	Impact Factor	5-Year Impact Factor	Immediacy Index	Articles		Cited Half-Life
	1	PROG QUANT ELECTRON	0079-6727	699	7.000	6.818	0.600	5	8.6	0.00187
	2	P. IEEE	0018-9219	16872	6.810	6.460	0.881	118	>10.0	0.04081
	3	PROG ELECTROMAGN RES	1559-8985	4675	5.298	3.156	0.848	315	2.5	0.01474
	4	IEEE T IND ELECTRON	0278-0046	15474	5.160	5.337	0.757	531	3.9	0.04025
	5	IEEE IND ELECTRON M	1932-4529	292	5.000	4.224	0.533	15	2.7	0.00155
	6	IEEE T PATTERN ANAL	0162-8828	22409	4.908	6.085	0.629	194	9.0	0.04884
	7	IEEE T POWER ELECTR	0885-8993	11728	4.650	4.664	0.389	370	5.0	0.02528
	8	IEEE T FUZZY SYST	1063-6706	5441	4.260	4.196	0.323	93	7.8	0.01089
	9	IEEE SIGNAL PROC MAG	1053-5888	4089	4.066	6.522	0.697	66	6.1	0.01844
	10	IEEE COMMUN MAG	0163-6804	6016	3.785	3.287	0.437	213	6.1	0.02629
	11	IEEE J SEL TOP QUANT	1077-260X	6768	3.780	3.510	0.807	187	5.7	0.02314
	12	IEEE T MED IMAGING	0278-0062	10353	3.643	4.105	0.543	175	8.7	0.01891
	13	IEEE T INTELL TRANSP	1524-9050	2004	3.452	4.090	0.503	143	4.5	0.00536
	14	IEEE J SEL AREA COMM	0733-8716	9949	3.413	4.840	0.716	169	6.8	0.04170
	15	IEEE J SOLID-ST CIRCS	0018-9200	12403	3.226	3.549	0.428	264	7.1	0.04268
	16	IEEE T IMAGE PROCESS	1057-7149	12063	3.042	3.770	0.378	296	7.3	0.03717
	17	IEEE T INFORM THEORY	0018-9448	27909	3.009	4.117	0.473	564	8.5	0.07720
	18	J ELECTROMAGNET WAVE	0920-5071	2256	2.965	1.594	0.345	229	2.5	0.00776
	19	IEEE T NEURAL NETWORKS	1045-9227	8821	2.952	3.370	0.445	209	9.1	0.01657
	20	IEEE T GEOSCI REMOTE	0196-2892	16126	2.895	3.298	0.490	420	7.8	0.02871

# Journal Citation Reports®

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Journal Summary List  
Journals from: subject category: **ECONOMICS** VIEW CATEGORY SUMMARY LIST  
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				Total Cites	Impact Factor	5-Year Impact Factor	Immediacy Index	Articles		Cited Half-Life
	1	J ECON LIT	0022-0515	4715	9.243	9.426	0.850	20	>10.0	0.01
	2	Q J ECON	0033-5533	14234	5.920	8.184	0.848	46	>10.0	0.04
	3	REV ECON STAT	0893-9454	6510	4.748	5.178	0.760	108	7.4	0.05
	4	J FINANC	0022-1082	18293	4.218	6.333	0.983	60	>10.0	0.05
	5	J ECON PERSPECT	0895-3309	5626	4.211	5.865	0.512	43	>10.0	0.02
	6	ECON GEOGR	0013-0095	1408	3.975	4.149	0.438	16	>10.0	0.00
	7	AM ECON J-MACROECON	1945-7707	252	3.800	3.836	1.281	32	1.8	0.00
	8	J FINANC ECON	0304-405X	12976	3.725	5.676	0.706	136	>10.0	0.01
	9	BROOKINGS PAP ECON AC	0007-2303	1610	3.409	3.421	0.333	6	>10.0	0.00
	10	J ACCOUNT ECON	0165-4101	3622	3.281	4.306	0.242	33	>10.0	0.00
	11	J ECON GEORG	1468-2702	1471	3.261	5.025	1.000	46	5.4	0.00
	12	TECHNOL ECON DEV ECO	1392-8619	468	3.235		0.795	39	2.5	0.00
	13	ECONOMETRICA	0012-9682	19659	2.976	4.700	0.688	48	>10.0	0.04
	14	J POLIT ECON	0022-3808	15317	2.902	5.416	0.300	30	>10.0	0.02
	15	REV ECON STAT	0034-6527	7036	2.810	4.080	0.460	50	>10.0	0.03
	16	AM ECON J-APPL ECON	1945-7782	265	2.767	2.811	1.444	36	2.0	0.00
	17	ECON HUM BIOL	1570-677X	583	2.722	2.457	0.513	39	3.0	0.00
	18	ECOL ECON	0921-8009	8115	2.713	3.297	0.341	249	5.4	0.02
	19	AM ECON REV	0002-8282	26525	2.693	4.076	0.793	237	>10.0	0.10
	20	REV ECON STAT	0034-6535	7639	2.664	3.812	0.465	101	>10.0	0.02



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## References

- Bohannon, J. (2013) Who's afraid of peer review? *Science* 342: 60 – 65.
- Borrell, B. (2010) Nature rejects Krebs's paper, 1937. *The Scientist* 24(3): 88.
- Fong, J. (2011) Journal editor resigns after publishing flawed climate study touted by Forbes, Fox. <<http://mediamatters.org/print/blog/201109020008>> 4 Sept 2011
- Harris, W. (2011) How scientific peer review works. <<http://science.howstuffworks.com/innovation/scientific-experiments/scientific-peer-review3.htm>> 7 Sept 2011.
- Hickman, L. (2011) Journal editor resigns over 'flawed' paper co-authored by climate sceptic. <[http://www.guardian.co.uk/environment/2011/sep/02/journal-editor-resigns-climate-sceptic-paper?CMP=twf\\_fd](http://www.guardian.co.uk/environment/2011/sep/02/journal-editor-resigns-climate-sceptic-paper?CMP=twf_fd)> 4 Sept 2011.
- Rememyi, D. and Money, A. (2004) *Research Supervision for Supervisors and their Students*. Academic Conferences Ltd.
- Skousen, J. (2000) Publish or perish: Some reasons for perishing. *Crops-science-soil-science-agronomy news*, March: 16-18.
- The Scotsman (2003) The J.K. Rowling story. <<http://www.scotsman.com/lifestyle/books/the-jk-rowling-story-1-652114>> 21 Nov 2013.
- Trower, P. (2012) Eight reasons I rejected your article. <<http://www.elsevier.com/connect/8-reasons-i-rejected-your-article>> 22 Nov 2013.

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