Elevate Your Research Discovery with Web of Science

Find High Impact Journals with JCR

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Web of Science
Trust the difference

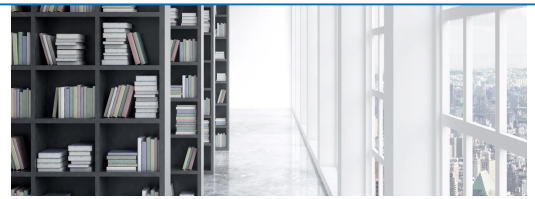
Clarivate Analytics

Agenda

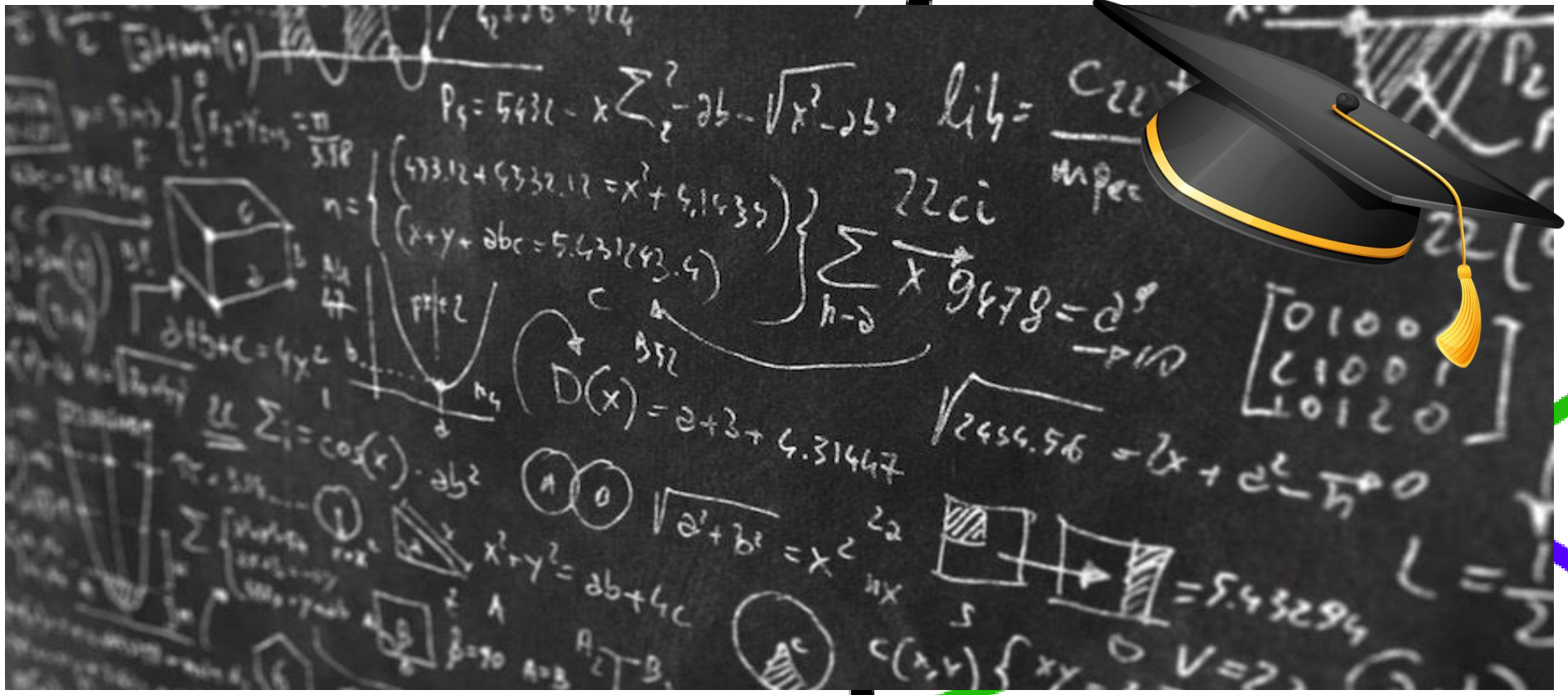
1:00pm – 2:00pm	Elevate Your Research Discovery with Web of Science
2:00pm – 2:30pm	Find High Impact Journals with JCR
2:30pm – 2:45pm	Key Resource 1: Publons Career Advantage
2:45pm – 3:00pm	Key Resources 2: Kopernio

Web of Science

Journal Citation Reports



Key Resources: Publons/Kopernio



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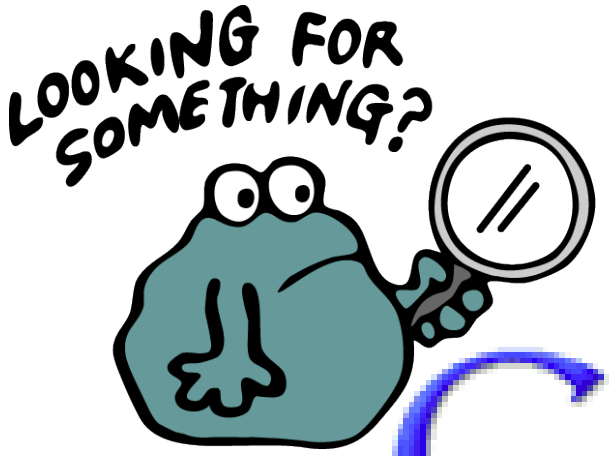
Analytics

Welcome to Research!

Time



let me Google that for you

Google Scholar hemoglobin SIGN IN

Articles About 2,010,000 results (0.07 sec) My profile My library

Any time
Since 2019
Since 2018
Since 2015
Custom range...

Sort by relevance
Sort by date

include patents
include citations

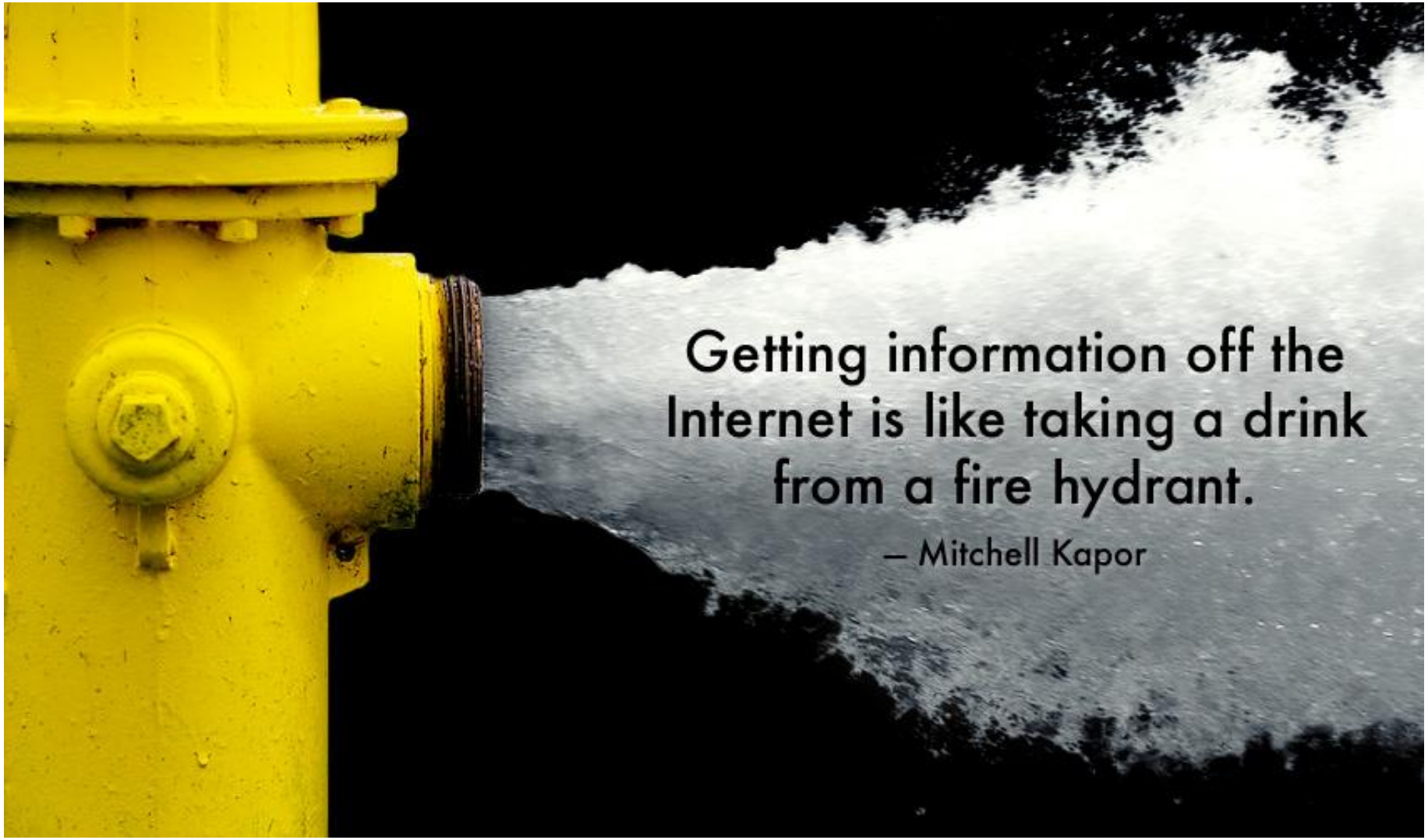
Create alert

The estimation of pepsin, trypsin, papain, and cathepsin with **hemoglobin** [PDF] nih.gov Free from Publisher
ML Anson - The Journal of general physiology, 1938 - ncbi.nlm.nih.gov
20-30 minutes. The serum and the white corpuscles which form a thin layer on top of the red corpuscles are siphoned off and the red corpuscles are then mixed with an equal volume of cold 1 per cent sodium chloride solution and after centrifugation the supernatant solution is ...
Cited by 4080 Related articles All 8 versions

The preparation and chemical characteristics of **hemoglobin**-free ghosts of human erythrocytes
JT Dodge, C Mitchell, DJ Hanahan - Archives of biochemistry and ..., 1963 - Elsevier
The effects of the ionic strength and pH of the hemolyzing solution on the **hemoglobin** content of human erythrocyte ghosts were studied in phosphate buffers and found to have a pronounced influence upon **hemoglobin** binding in the ghosts. Buffer concentrations ...
Cited by 4946 Related articles All 5 versions Web of Science: 4597

Spectroscopy of single **hemoglobin** molecules by surface enhanced Raman scattering [PDF] iphy.ac.cn
H Xu, EJ Bjerneld, M Käll, L Börjesson - Physical review letters, 1999 - APS
We demonstrate the detection of molecular vibrations in single **hemoglobin** (Hb) protein molecules attached to isolated and immobilized silver nanoparticles by surface enhanced Raman scattering (SERS). A comparison between calculation and experiment indicates that ...
Cited by 2247 Related articles All 9 versions Web of Science: 1798

Searching ... Searching ... Searching ...


Getting information off the Internet is like taking a drink from a fire hydrant.
– Mitchell Kapor

Research is Looking for Specific Information

65298 seconds =
18 Hours!!

GET CONTENT THAT SAVES TIME & IS RELEVANT FOR YOU!

How can we help the Research Community & Researchers?

Time

Accuracy

Novelty

Impact

ISI – Thomson Scientific – Thomson Reuters – Clarivate Analytics

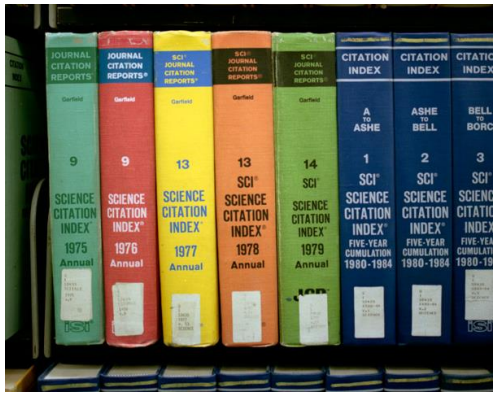
ISI Institute for Scientific Information®

Thomson Scientific

THOMSON REUTERS

Clarivate Analytics

1960 1992 2008 2016



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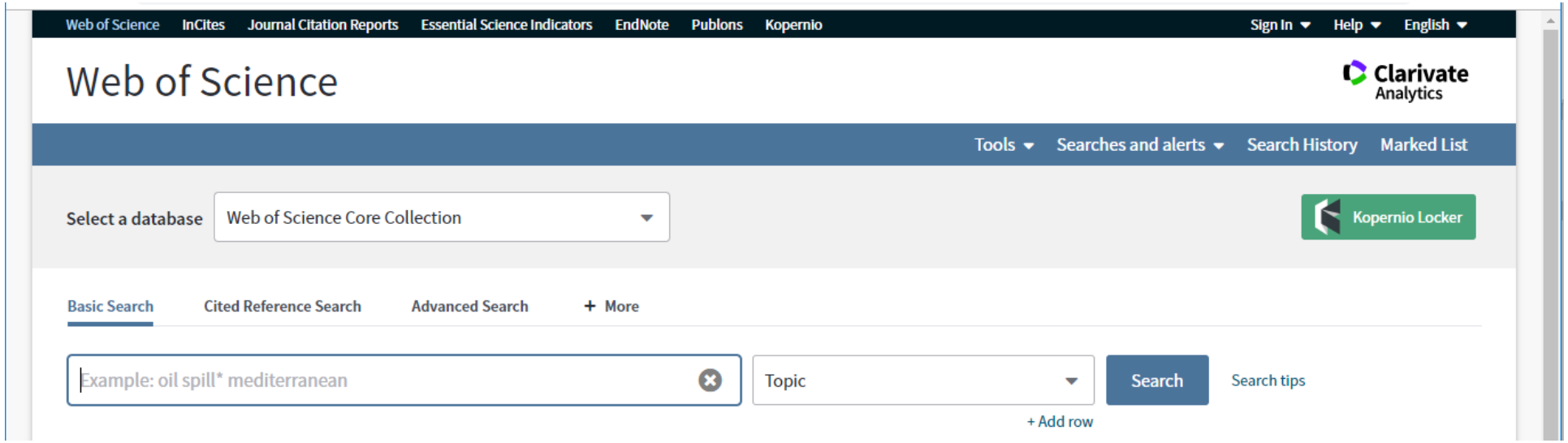
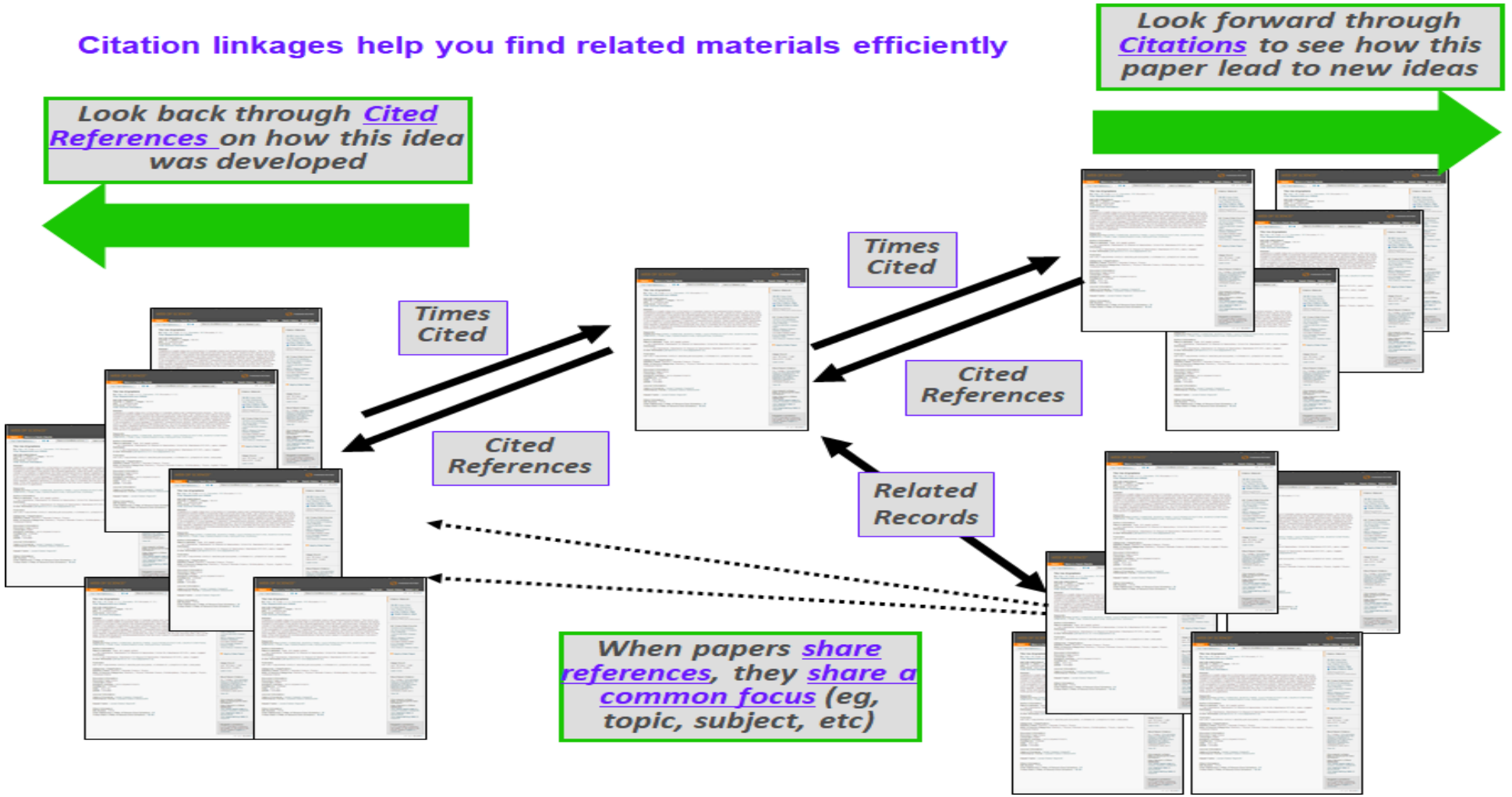
https://clarivate.com/about-us/what-we-do/

Web of Science Database



What is a citation?

- A **citation** is a reference to other published materials



Clarivate Analytics

RESEARCH IS CONNECTED! CITATIONS

What is a citation index?

- A **citation index** is a database that captures all references of items, allowing the user to easily establish which later documents cite which earlier documents

OPEN ACCESS Freely available online PLOS BIOLOGY

A Role for Parasites in Stabilising the Fig-Pollinator Mutualism

Derek W. Dunn[1,2,3], Simon T. Segar[1,2], Jo Ridley[3], Ruth Chan[1], Ross H. Crozier[4], Douglas W. Yu[5], James M. Cook[1,2,5]*

1 Division of Biology, Imperial College London, Ascot, United Kingdom, 2 School of Biological Sciences, University of Reading, Reading, United Kingdom, 3 School of Biological Sciences, University of East Anglia, Norwich, United Kingdom, 4 School of Marine and Tropical Biology, James Cook University, Townsville, Queensland, Australia, 5 Natural Environment Research Council (NERC) Centre for Population Biology, Imperial College London, Ascot, United Kingdom

Mutualisms are interspecific interactions in which both players benefit. Explaining their maintenance is problematic, because cheaters should outcompete cooperative conspecifics, leading to mutualism instability. Monoecious figs (*Ficus*) are pollinated by host-specific wasps (Agaonidae), whose larvae gall ovules in their "fruits" (syconia). Female pollinating wasps oviposit directly into *Ficus* ovules from inside the receptive syconium. Across *Ficus* species, there is a widely documented segregation of pollinator galls in inner ovules and seeds in outer ovules. This pattern suggests that wasps avoid, or are prevented from ovipositing into, outer ovules, and this results in mutualism stability. However, the mechanisms preventing wasps from exploiting outer ovules remain unknown. We report that in *Ficus rubiginosa*, offspring in outer ovules are vulnerable to attack by parasitic wasps that oviposit from outside the syconium. Parasitism risk decreases towards the centre of the syconium, where inner ovules provide enemy-free space for pollinator offspring. We suggest that the resulting gradient in offspring viability is likely to contribute to selection on pollinators to avoid outer ovules, and by forcing wasps to focus on a subset of ovules, reduces their galling rates. This previously unidentified mechanism may therefore contribute to mutualism persistence independent of additional factors that invoke plant defences against pollinator oviposition, or physiological constraints on pollinators that prevent oviposition in all available ovules.

Citation: Dunn DW, Segar ST, Ridley J, Chan R, Crozier RH, et al. (2008) A role for parasites in stabilising the fig-pollinator mutualism. PLoS Biol 6(3): e59. doi:10.1371/journal.pbio.0060059

Introduction

In a biosphere driven by selection at the level of the individual gene [1], explaining the existence of cooperation, such as mutualism, is a major scientific challenge. Mutualisms are interspecific ecological interactions characterised by reciprocal benefits to both partners [2] that usually involve costly investments by each. What factors thus prevent one partner from imposing unsustainable costs onto the other to enable mutualism stability [3–7]? In some mutualisms, the larger, more sessile partner, manipulates the other by directing benefits to cooperative individuals and costs to cheaters [4–7]. However, a general consensus on mutualism persistence has only recently been formulated, and this clearly shows that a high benefit-to-cost ratio of cooperating is one important factor [8,9].

Fig trees (*Ficus*) and their host-specific agaonid pollinator wasps are a classic example of an obligate mutualism [10,11]. The wasps pollinate the trees, and the trees provide resources for wasp offspring. In monoecious *Ficus*, female wasps push their way through a specialised entrance into receptive syconia (colloquially, "figs"), which are enclosed inflorescences. The wasps then pollinate the tree while depositing their eggs individually into ovules. Thus, each egg laid costs the tree one seed, but upon emergence, the female wasp offspring disperse that tree's pollen. Trees need to produce both wasps and seeds for the mutualism to persist, but natural selection should favour wasps that exploit the maximum number of fig ovules in the short term, resulting in a conflict of interest between wasp and tree. However, the mutualism has persisted for at least 60 million years and has radiated into more than 750 species pairs [12]. The mechanisms preventing wasps from overexploiting figs remain unknown, despite intensive study over four decades.

Within receptive syconia, the lengths of floral styles are highly variable [13,14], and ovipositing pollinators (foundresses) favour flowers with shorter styles for their offspring [15–18]. Style and pedicel lengths of flowers are negatively correlated. Short-styled ovules develop into seeds or galls (when a wasp is present) near the syconium inner cavity, while most long-styled ovules develop into seeds near the outer wall [19,20] (Figure 1). These patterns have been shown to reflect the oviposition preferences of foundresses, and are unlikely to be the result of greater elongation of pedicels containing eggs during syconial maturation, because in receptive syconia, pollinators' eggs are mainly present in short-styled inner ovules [16]. These widespread observations have been tied to four, not necessarily mutually exclusive, mechanisms that have been proposed to stabilise the fig-pollinator mutualism: (1) Unbeatable seeds—outer ovules may be defended biochemically or physically against oviposition or larval development [21]. However, no mechanism has yet been identified. (2) Short ovipositors—pollinators' ovipositors may be too short to fully penetrate the long styles of

Academic Editor: Anurag A. Agrawal, Cornell University, United States of America

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Abbreviation: s.e., standard error

* To whom correspondence should be addressed. E-mail: james.cook@reading.ac.uk

References

Achenbach, T. M., & Edelbrock, C. (1983). *Manual for the Child Behavior Checklist and revised Child Behavior Profile.* Burlington: University of Vermont.

American Psychiatric Association. (1994). *Diagnostic and statistical manual of mental disorders* (4th ed.). Washington, DC: Author.

Berkson, J. (1946). Limitations of the application of fourfold table analysis to hospital data. *Biometrics Bulletin, 2,* 47–53.

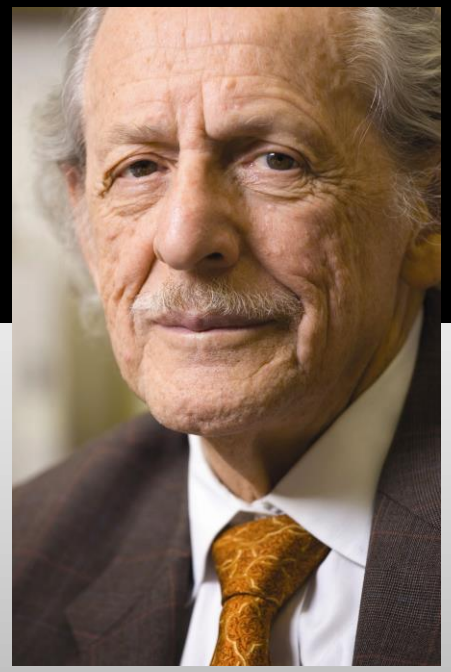
Burke, J. D. (2007). Antisocial personality disorder. In A. Bell & M. Reinecke (Eds.), *Personality disorders in childhood* (pp. 429–494). New York, NY: Wiley.

What this means to you:

Using the citation index, you can easily find older and newer RELATED papers.

"Citation Index was designed as, and *is*, a system of very precise information retrieval"

Eugene Garfield (1925 – 2017)
Founder
Institute of Scientific Information



Web of Science Demo:

www.webofscience.com

WoS Quiz - True/False questions

Web of Science is a research discovery tool to enhance your search efficiency

True! Citation linkages are more robust than keyword searches and lead to you relevant information that you need.

Web of Science Core Collection covers scholarly materials that are high impact to the scholarly community.

True! Web of Science Core Collection coverage is carefully selected to over the most important scientific literature. Note that indexing more literature creates more noise and isn't useful.

WoS Quiz - True/False questions

Clarivate Analytics (formerly ISI) owns many journals and includes them in the Web of Science to promote them.

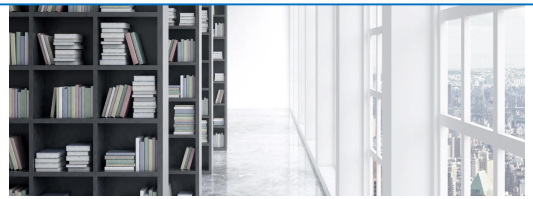
False! Clarivate Analytics (formerly ISI) is not a primary publisher and chooses journals based on objective standards. There is no conflict of interest.

Web of Science is a full-text provider

False! Clarivate Analytics does own full text copyrights as it is not a primary publisher.

Web of Science

Journal Citation Reports



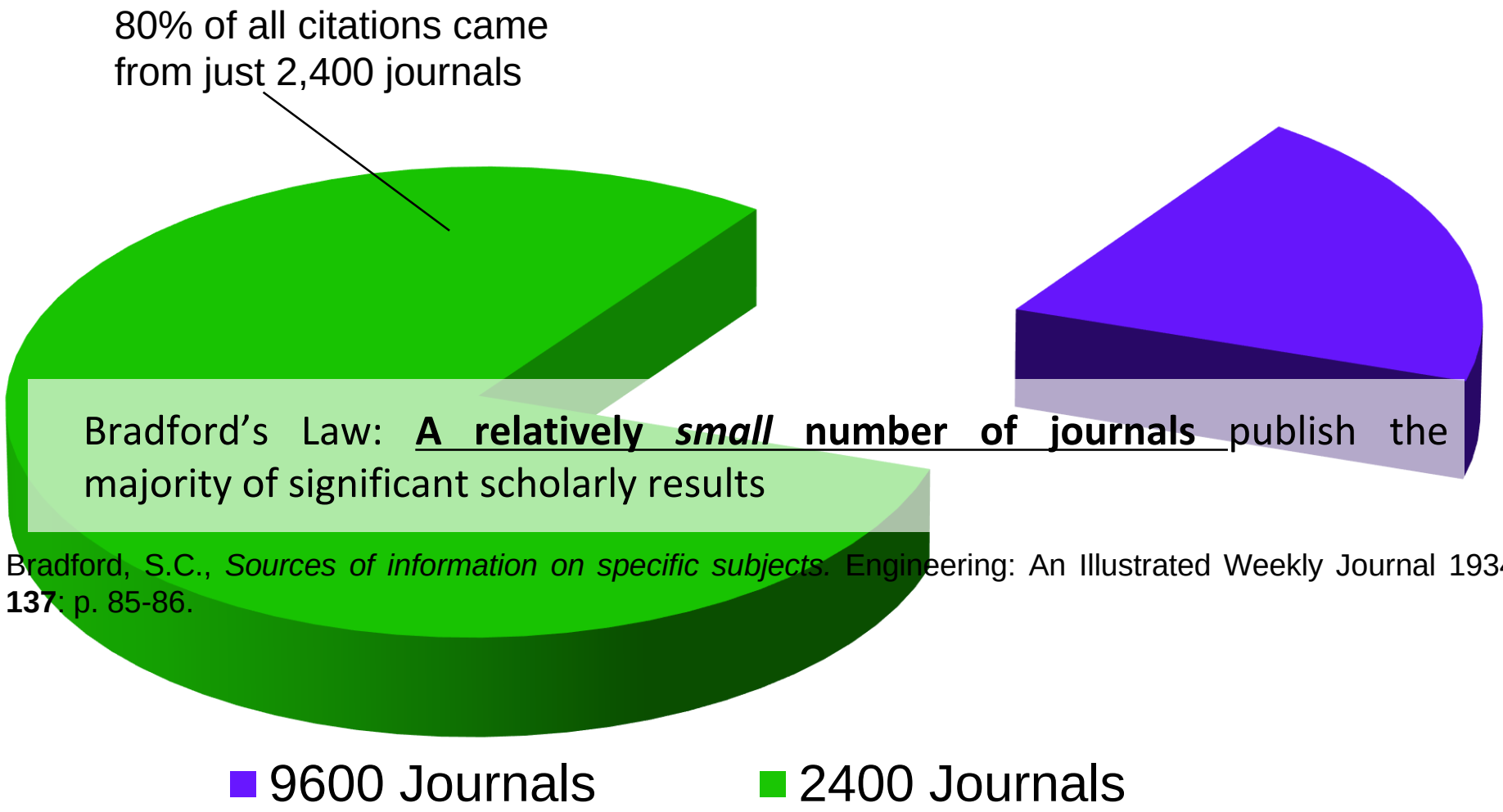
Key Resources: Publons/Kopernio

JOURNAL CITATION REPORTS

What do these have in common?

All of them exists in overwhelming numbers!

How many journals do you need?



Bradford, S.C., *Sources of information on specific subjects.* Engineering: An Illustrated Weekly Journal 1934. **137**: p. 85-86.

Source: Journal Citation Reports 2016

WoS is designed to be selective in coverage

14,144 + 6926	190,000+	80,000+
Journals (High impact + Emerging) From 1900	CONFERENCES From 1990	SCHOLARLY BOOKS From 2005

- 65 Million Source Items
- >1 Billion Cited References

SELECTION PROCESS

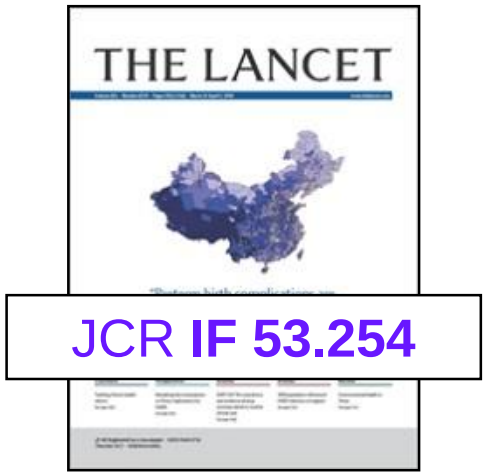
Journal Publishing Standards → Editorial Content → International Diversity → Citation Analysis

Acceptance into Web of Science

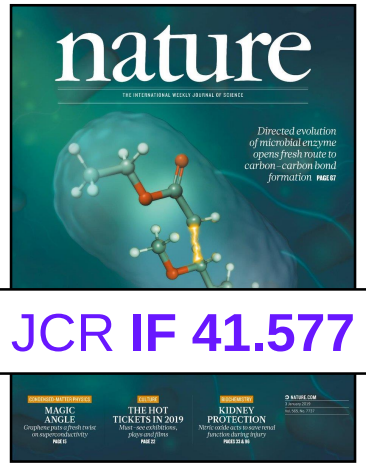
Flagship 3 indexes is 10 – 12 %

As of Nov 2017

Clarivate Analytics assigns Impact Factor to Journals & is the most widely recognized and used metric

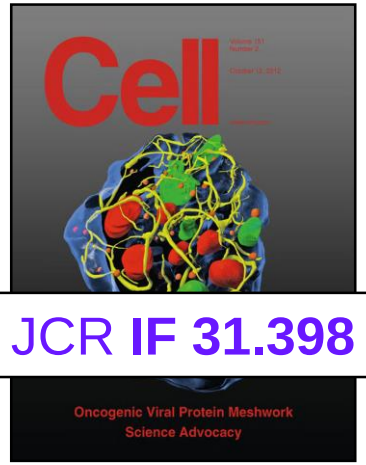


JCR **IF 53.254**

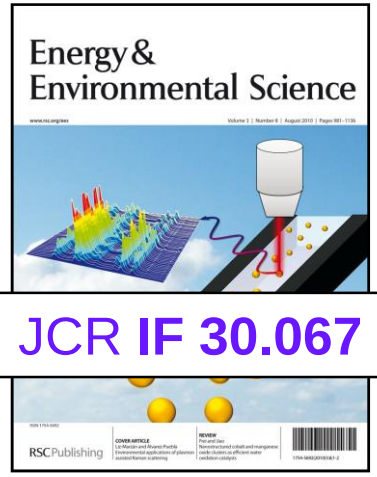


JCR **IF 41.577**

JCR **IF 52.613**



JCR **IF 31.398**



JCR **IF 30.067**

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Journal Impact Factor is Proprietary to Clarivate

CiteFactor
Academic Scientific Journals

IMPACT FACTORS/RATING

Global Impact Factor: 0.566 [2012], 0.654 [2013], 0.765 [2014], 0.876 [2015]
Scientific Journal Impact Factor: 3.847
Universal Impact Factor: 0.971
Scientific Indexing Service Impact Factor: 1.091
Index Copernicus Value: 7.20 [2012], 7.23 [2013]
Ministry of Science and Higher Education, Poland Journal Rating: 6.00
JourInfo Journal Rating: 3.847
Journal Quality Indicator of India (JQII): 0.083

GIF
GLOBAL IMPACT FACTOR

Search

Institute for Information Resources

News Updates Due to large number of application please allow us time to update your journal

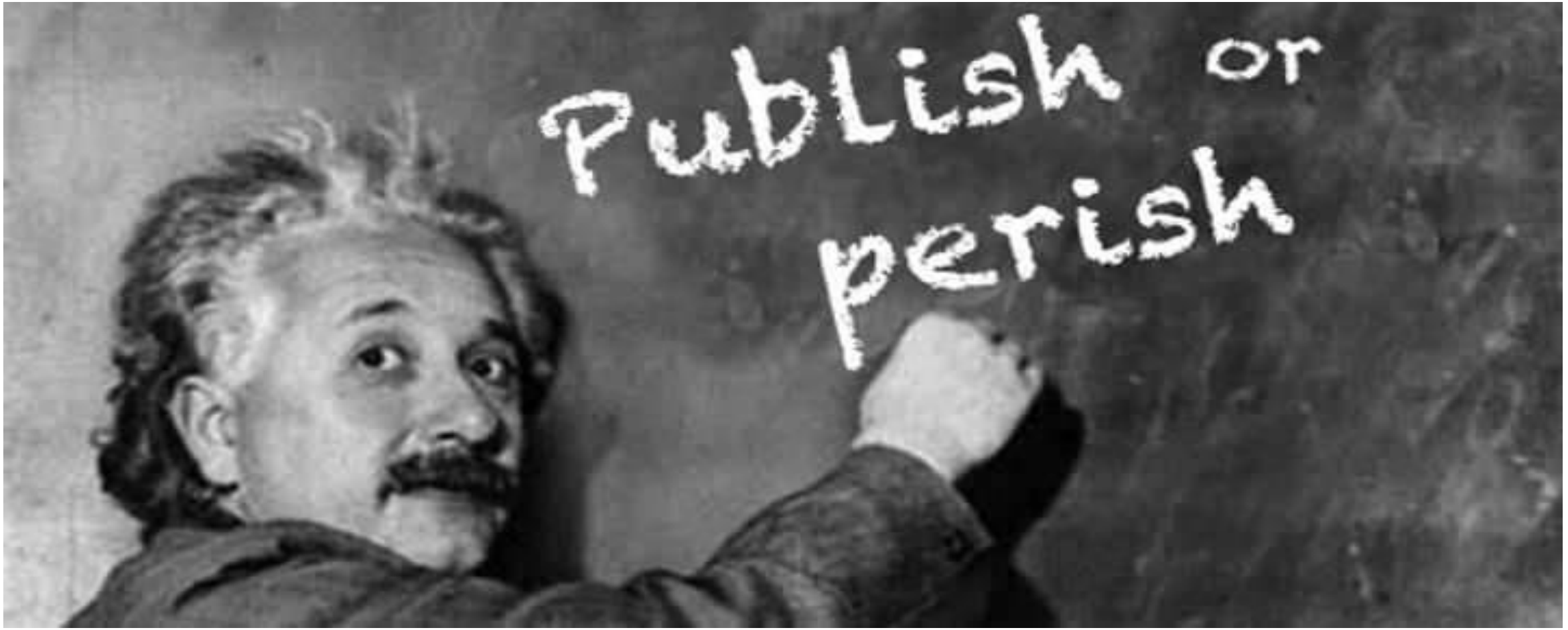
Universal Impact Factor

Scientifically derived Journal Impact Factor

About Us :

Universal Impact Factor {UIF} is founded for improving Impact Factors of journals with the help of its growing article database. A huge database of articles from various countries in different disciplines helps providing quality information to the researchers.

UIF maintains academic database services to researchers, journal editors and publishers. UIF focuses on : citation indexing, citation analysis, and maintains citation databases covering thousands of academic journals. Also UIF provides a detailed report of individual journal for further improvement of respective journal overall look up and technical aspect for better Impact Factor.


Publish or perish

Some Viable Publishing Strategies

Strategy	How?
"I look for government accredited journals"	Refer to Thai Citation Index published by TCI
"I look for internationally recognized journals."	Use Web of Science or JCR to find high quality international journals
"I want to publish in journals with high rank and prestige"	Find journal ranking and quartiles in JCR
"I aim for journals that get cited very quickly"	Use "Immediacy Index" metric in JCR
"I want to publish in journals that gets cited for a long time"	Use "Cited Half Life" metric in JCR

JOURNAL

Why use Journal Citation Reports?

Why use the JCR?

Publishers/Editors

- Compare your journals directly against peers and competitors.
- Understand the citation profile of the documents in your journals.
- Track your publications' performance by building a custom journal list.

Librarians

- Find quantitative data to justify your collection development decisions.
- Evaluate your collections with custom journal lists.
- Track your faculty/institution's contributions to journal performance.

Data Scientists

- Dive deeper into the JCR data with our downloadable cited and citing data tables, as well as the full data and metrics files, to understand how disciplines interconnect in the citation network.

Researchers

- Evaluate journals for your submissions.
- Focus on publishing trends like Open Access
- Determine your articles' contributions to journal performance.

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What is the JCR?

The JCR is an annual report that distills citation trend data from the Web of Science Core Collection to help you understand journal performance.

- View Journal Impact Factor and other metrics.
- Data represents a snapshot in time: the 2018 edition reflects citations from literature published in 2017.
- All journals in JCR are sourced from two indexes:
  - Science Citation Index Expanded
  - Social Sciences Citation Index
- Citations are sourced from all indexes in the Core Collection.
  - New in 2018: Citations from the Book Citation Index content contribute to Journal Impact Factor numerators.

Clarivate Analytics

Journal Citation Reports provides NEUTRAL and OBJECTIVE Journal Measurements

"Clarivate Analytics is neutral: we are not a publisher and we have no plans to become one."

What this means:
Clarivate doesn't own journals, they are an information company. This makes JCR rankings objective and unbiased.

"We carefully weed out any predatory and non-peer-reviewed journals, so you can be confident that only the best journals are eligible to be given a JIF score."

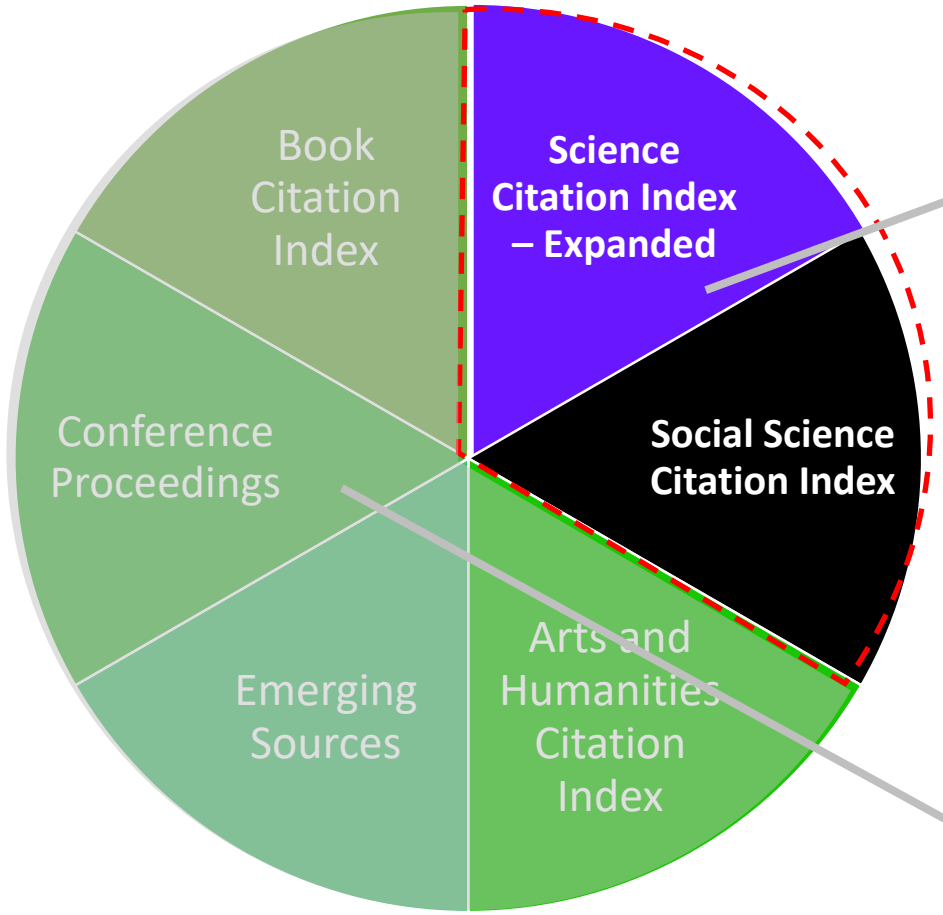
What this means:
Impact Factor is precious and **ONLY THE BEST** journals receive one.

https://clarivate.com/blog/science-research-connect/research-management/citescore-a-non-rival-for-the-journal-impact-factor/

Journal Citation Reports

"I want to publish in journals with High Impact Factor"

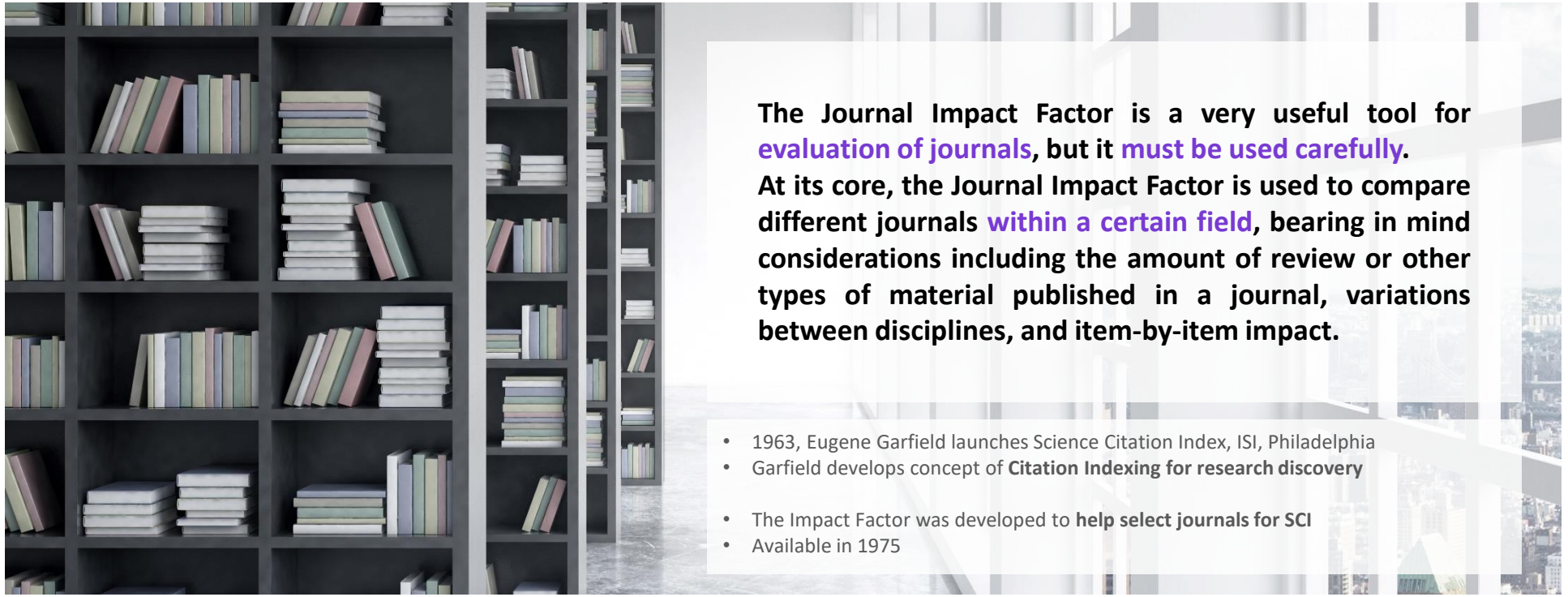
JCR covers only Sciences & Social Sciences Journals



Impact Factors reported annually in the Journal Citation Reports

NO Impact Factor

Every journal has a story to tell – JCR tells it



The Journal Impact Factor is a very useful tool for evaluation of journals, but it must be used carefully.
At its core, the Journal Impact Factor is used to compare different journals within a certain field, bearing in mind considerations including the amount of review or other types of material published in a journal, variations between disciplines, and item-by-item impact.

- 1963, Eugene Garfield launches Science Citation Index, ISI, Philadelphia
- Garfield develops concept of **Citation Indexing for research discovery**

- The Impact Factor was developed to **help select journals for SCI**
- Available in 1975

Reprinted in Essays of an Information Scientist, Vol:6, p.468-471, 1983

Citation Indexes for Science

A New Dimension in Documentation through Association of Ideas

Eugene Garfield, Ph. D.

The Agony and the Ecstasy—
The History and Meaning of the Journal Impact Factor

Presented by

Eugene Garfield
Chairman Emeritus, Thomson ISI
3501 Market Street, Philadelphia PA 19104
Fax: 215-387-1266 - Tel. 215-243-2205
garfield@codex.cis.upenn.edu
www.eugenegarfield.org

at

International Congress on Peer Review And Biomedical Publication
Chicago, September 16, 2005

I had considered as an alternative title for my talk "Citation Sanity and Insanity -- the Obsession and Paranoia of Citations and Impact Factors." Others might have preferred "Uses and Abuses of Impact Factors."

Origins of the Impact Factor

I first mentioned the idea of an impact factor in *Science* magazine in 1955.[1] That paper is considered the primordial reference for the concept of the *Science Citation Index*. Five years later, we began the experimental *Genetics Citation Index* project which led to the publication of the 1961 *Science Citation Index*. In 1955, it did not occur to me that "impact" would one day become so controversial. Like nuclear energy, the impact factor is a mixed blessing. I expected it to be used constructively while recognizing that in the wrong hands it might be abused. Since *Current Contents*, no less *SCI*, did not exist, it would have been precocious indeed to contemplate the influence of the nascent impact factor.

In the early 1960s, Irving H. Sher and I created the journal impact factor to help select journals for the new *Science Citation Index (SCI)*. To do this we simply re-sorted the author citation index into the journal citation index. From this simple exercise, we learned that initially a core group of large and highly cited journals needed to be covered in the new *SCI*.

JCR Demo:

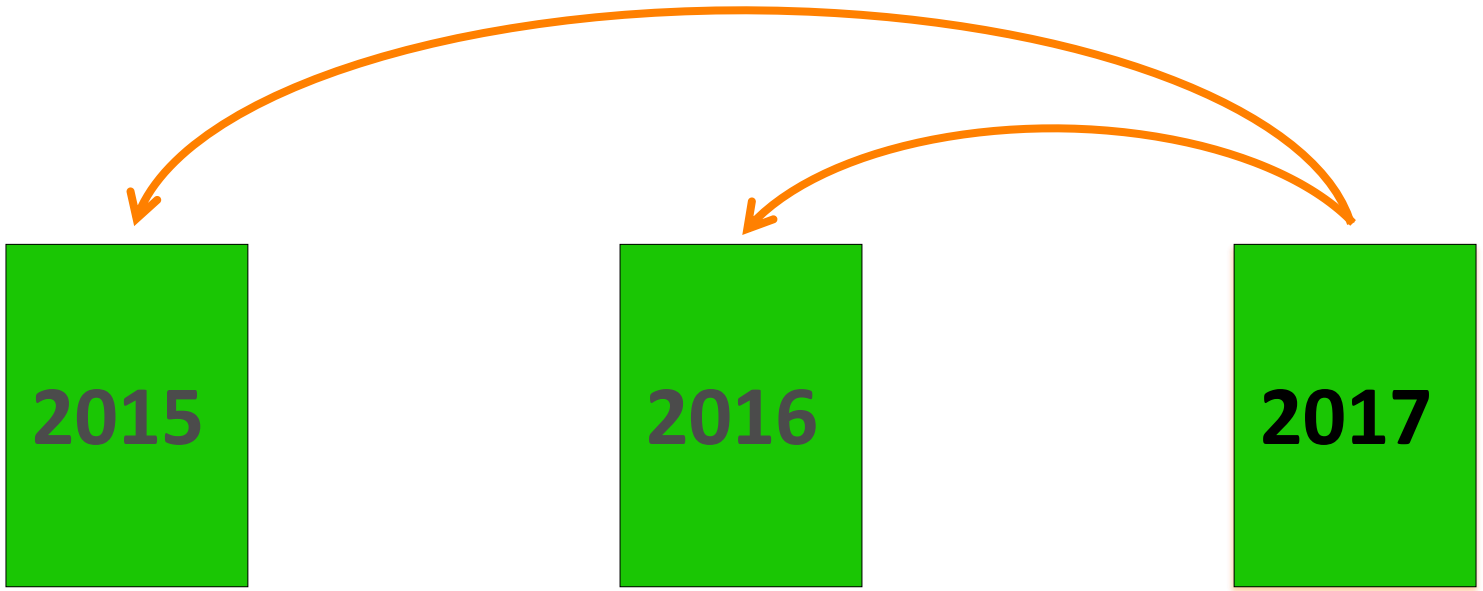
www.webofscience.com

Understanding the use of Journal Impact Factor Scores in research evaluation:

Impact Factor and Subject Category

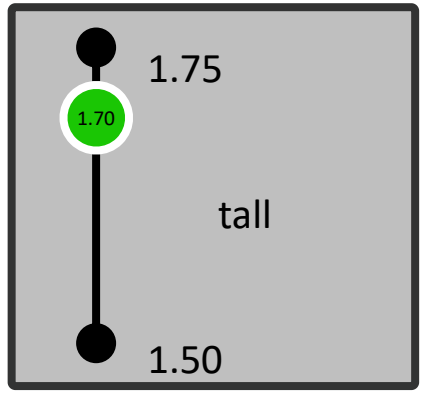
The world well-known Journal Impact Factor

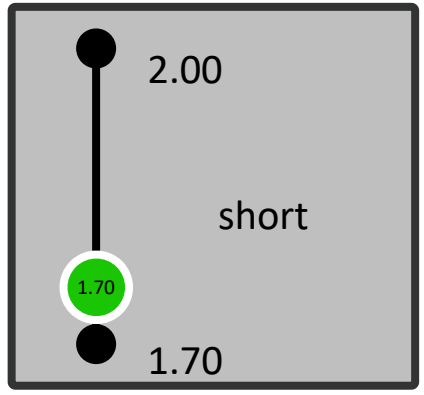
$$IF_{2017} = \frac{\text{\# of citations to all items published in 2015 and 2016}}{\text{Articles \& reviews published in 2015 and 2016}}$$

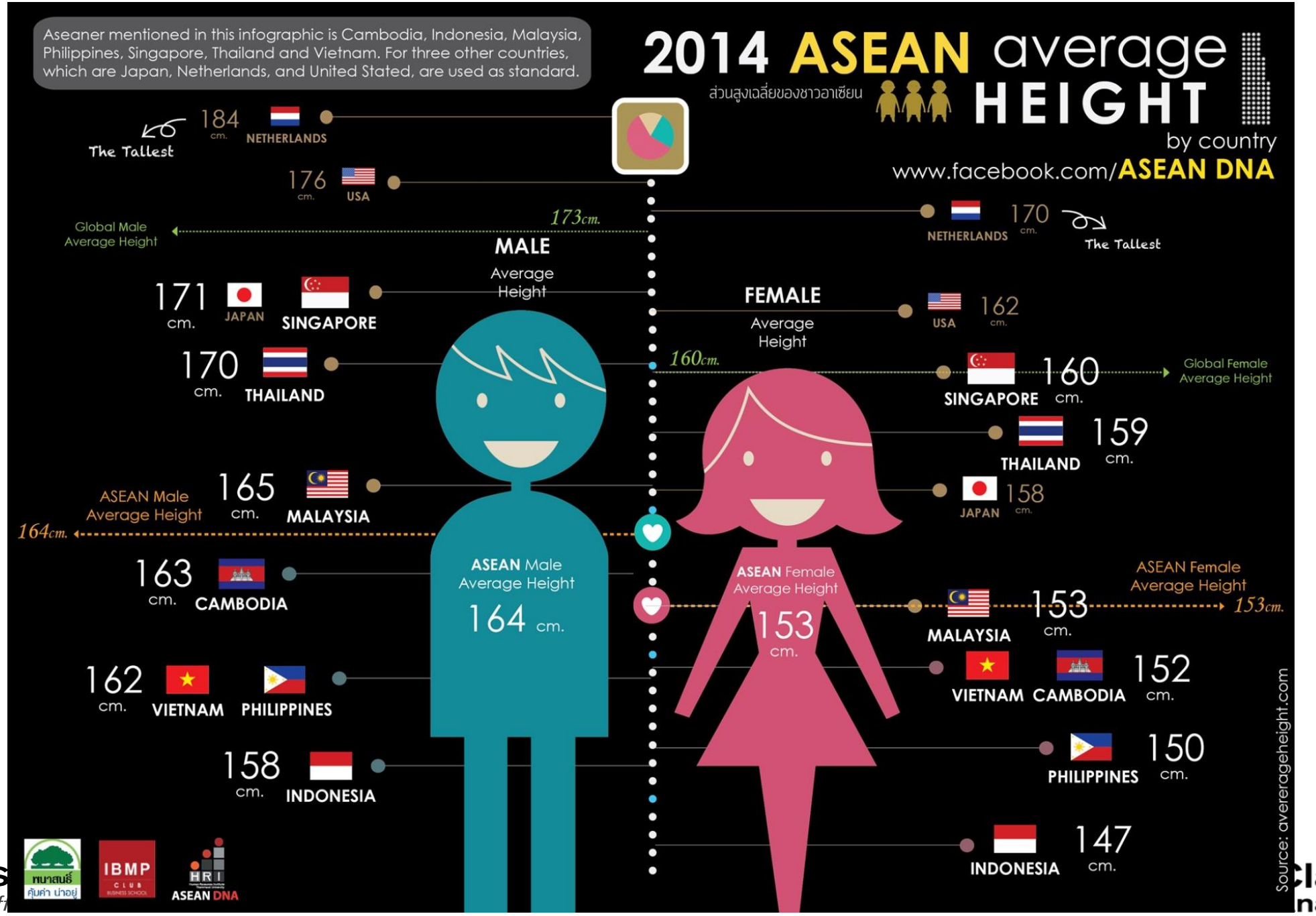


CONTEXT IS EVERYTHING!

IS 1.70m tall or short?

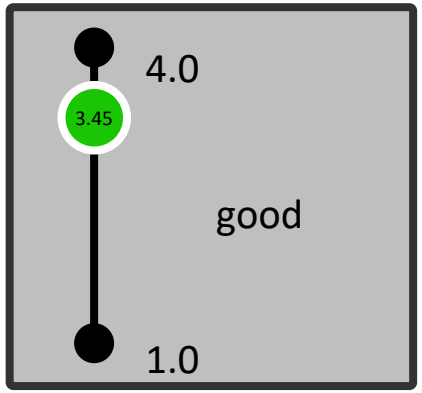


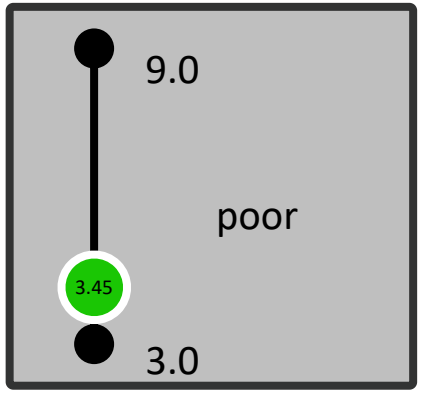



Aseaner mentioned in this infographic is Cambodia, Indonesia, Malaysia, Philippines, Singapore, Thailand and Vietnam. For three other countries, which are Japan, Netherlands, and United Stated, are used as standard.
2014 ASEAN average HEIGHT
ส่วนสูงเฉลี่ยของชาวอาเซียน
by country
www.facebook.com/ASEAN DNA
The Tallest
184 cm. NETHERLANDS
176 cm. USA
Global Male Average Height
173cm.
MALE Average Height
171 cm. JAPAN
SINGAPORE
170 cm. THAILAND
ASEAN Male Average Height
165 cm. MALAYSIA
164cm.
163 cm. CAMBODIA
162 cm. VIETNAM
PHILIPPINES
158 cm. INDONESIA
ASEAN Male Average Height
164 cm.
FEMALE Average Height
NETHERLANDS 170 cm.
The Tallest
USA 162 cm.
160cm.
SINGAPORE 160 cm.
Global Female Average Height
THAILAND 159 cm.
JAPAN 158 cm.
ASEAN Female Average Height
153 cm.
MALAYSIA 153 cm.
ASEAN Female Average Height
153cm.
VIETNAM CAMBODIA 152 cm.
PHILIPPINES 150 cm.
INDONESIA 147 cm.
Source: avereageheight.com
IBMP CLUB
ASEAN DNA

How good an impact factor is depends on subject!

Is an IF of 3.45 good or poor?





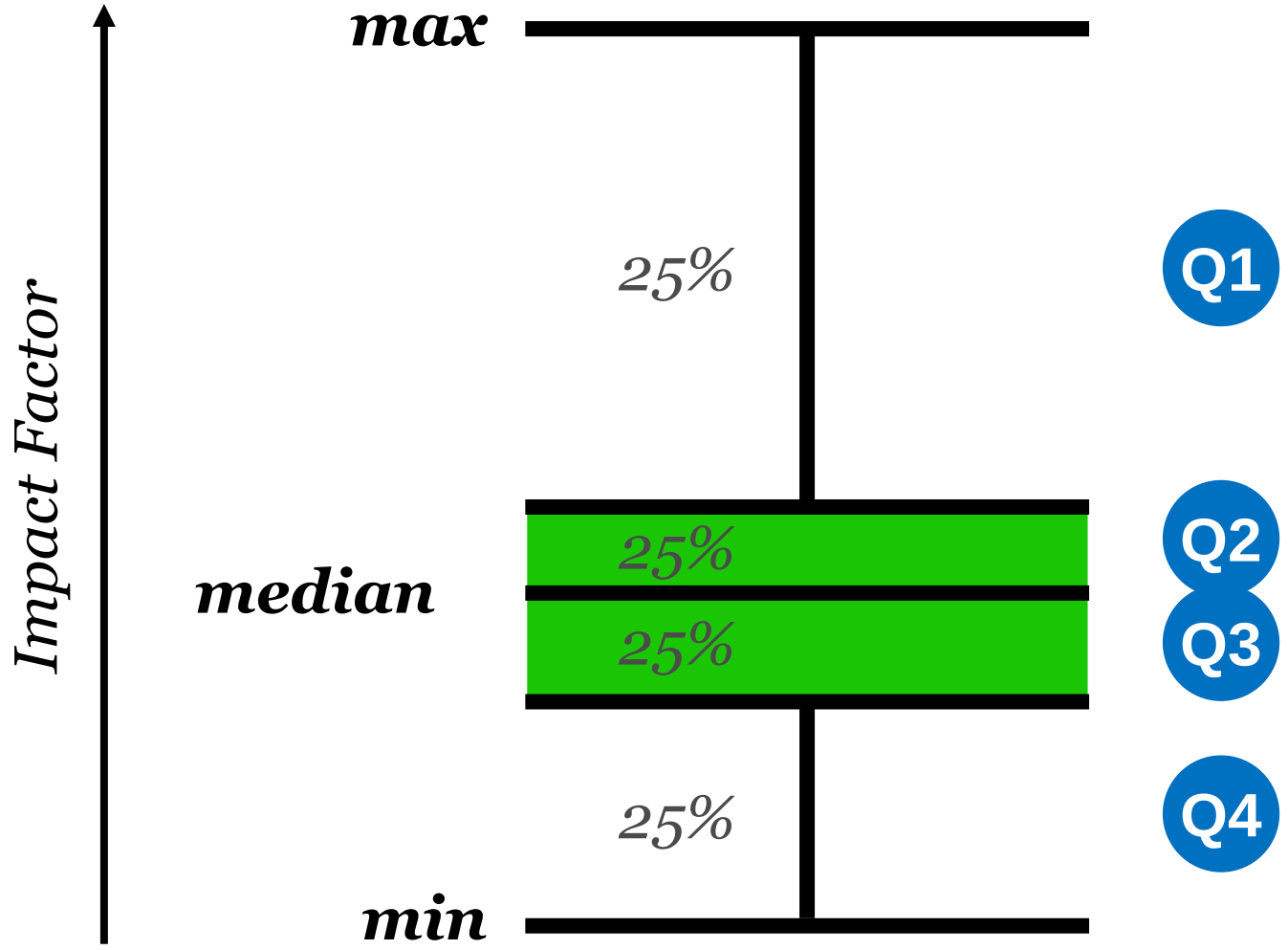
Journal ranking is subject dependent

PLANT FOODS FOR HUMAN NUTRITION

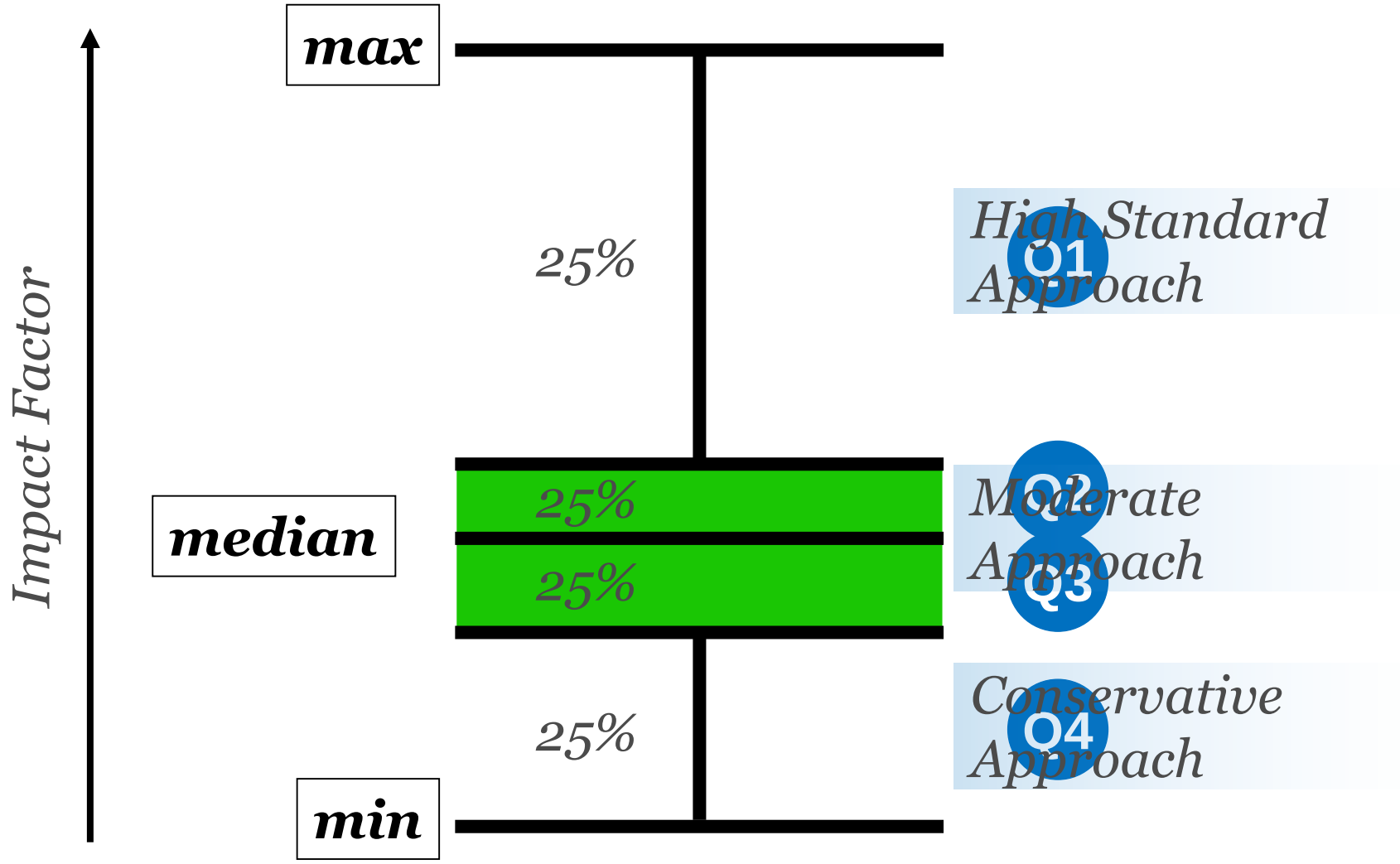
JCR Impact Factor

JCR Year	PLANT SCIENCES			CHEMISTRY, APPLIED			NUTRITION & DIETETICS		
	Rank	Quartile	JIF Percentile	Rank	Quartile	JIF Percentile	Rank	Quartile	JIF Percentile
2017	60/222	Q2	73.198	24/71	Q2	66.901	50/81	Q3	38.889
2016	58/212	Q2	72.877	23/72	Q2	68.750	44/81	Q3	46.296
2015	59/209	Q2	72.010	22/72	Q2	70.139	42/80	Q3	48.125
2014	64/204	Q2	68.873	21/72	Q2	71.528	50/77	Q3	35.714
2013	55/199	Q2	72.613	16/71	Q1	78.169	41/79	Q3	48.734
2012	54/197	Q2	72.843	18/71	Q2	75.352	32/76	Q2	58.553
2011	51/190	Q2	73.421	15/71	Q1	79.577	28/74	Q2	62.838
2010	38/188	Q1	80.053	14/70	Q1	80.714	28/70	Q2	60.714
2009	52/173	Q2	70.231	20/64	Q2	69.531	30/66	Q2	55.303
2008	53/156	Q2	66.346	21/61	Q2	66.393	32/59	Q3	46.610
2007	92/152	Q3	39.803	31/62	Q2	50.806	44/56	Q4	22.321
2006	105/147	Q3	28.912	39/58	Q3	33.621	47/55	Q4	15.455
2005	113/144	Q4	21.875	44/59	Q3	26.271	45/53	Q4	16.038
2004	123/138	Q4	11.232	48/58	Q4	18.103	46/53	Q4	14.151
2003	129/136	Q4	5.515	49/57	Q4	14.912	48/53	Q4	10.377
2002	122/135	Q4	10.000	52/59	Q4	12.712	44/50	Q4	13.000

Journal ranking is subject dependent



Three scenarios for publication strategy



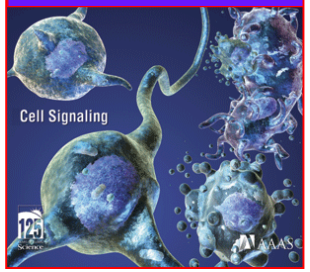
JCR monitoring:

Can Journals lose their status

YES…under the following conditions

Self-citations are items citing another item in the same journal

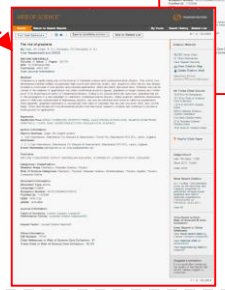
Journal A



Journal B

This counts of 3 journal self-citations for Journal A

This counts as a citation to Journal B.



Web of Science
Trust the difference

Clarivate Analytics

Journal Self-Citations Affects Impact Factor

Journal: ACADEMY OF MANAGEMENT REVIEW
Categories: BUSINESS / MANAGEMENT

Journal Impact Factor

Cites in 2012 to items published in: 2011 =172 Number of items published in: 2011 =30
2010 =278 2010 =27
Sum: 450 Sum: 57

Calculation: Cites to recent items 450 =**7.895**
Number of recent items 57

5-Year Journal Impact Factor

Cites in {2012} to items published in: 2011 =172 Number of items published in: 2011 =30
2010 =278 2010 =27
2009 =208 2009 =32

Calculation: Cites
Numbe

Journal Self Cites

The tables show the contribution of the journal's self cites to its impact factor. This information is also represented in the cited journal graph.

Total Cites	16810
Cites to Years Used in Impact Factor Calculation	450
Impact Factor	7.895

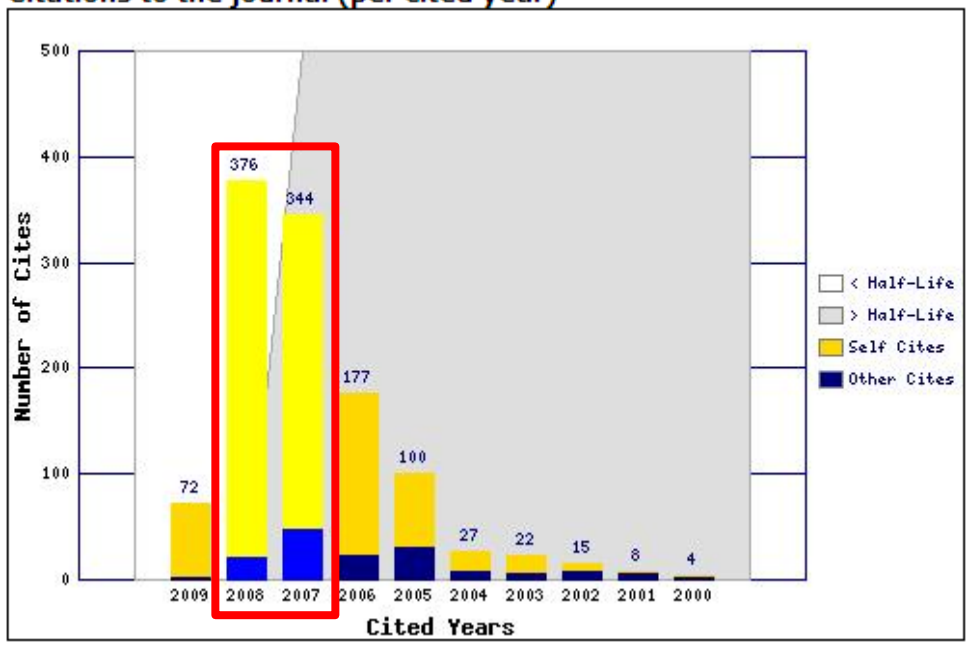
Self Cites	324 (1% of 16810)
Self Cites to Years Used in Impact Factor Calculation	37 (8% of 450)
Impact Factor without Self Cites	7.246

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

Citations to the journal (per cited year)



Effect of Self Citations

on rank in category:

From Q1

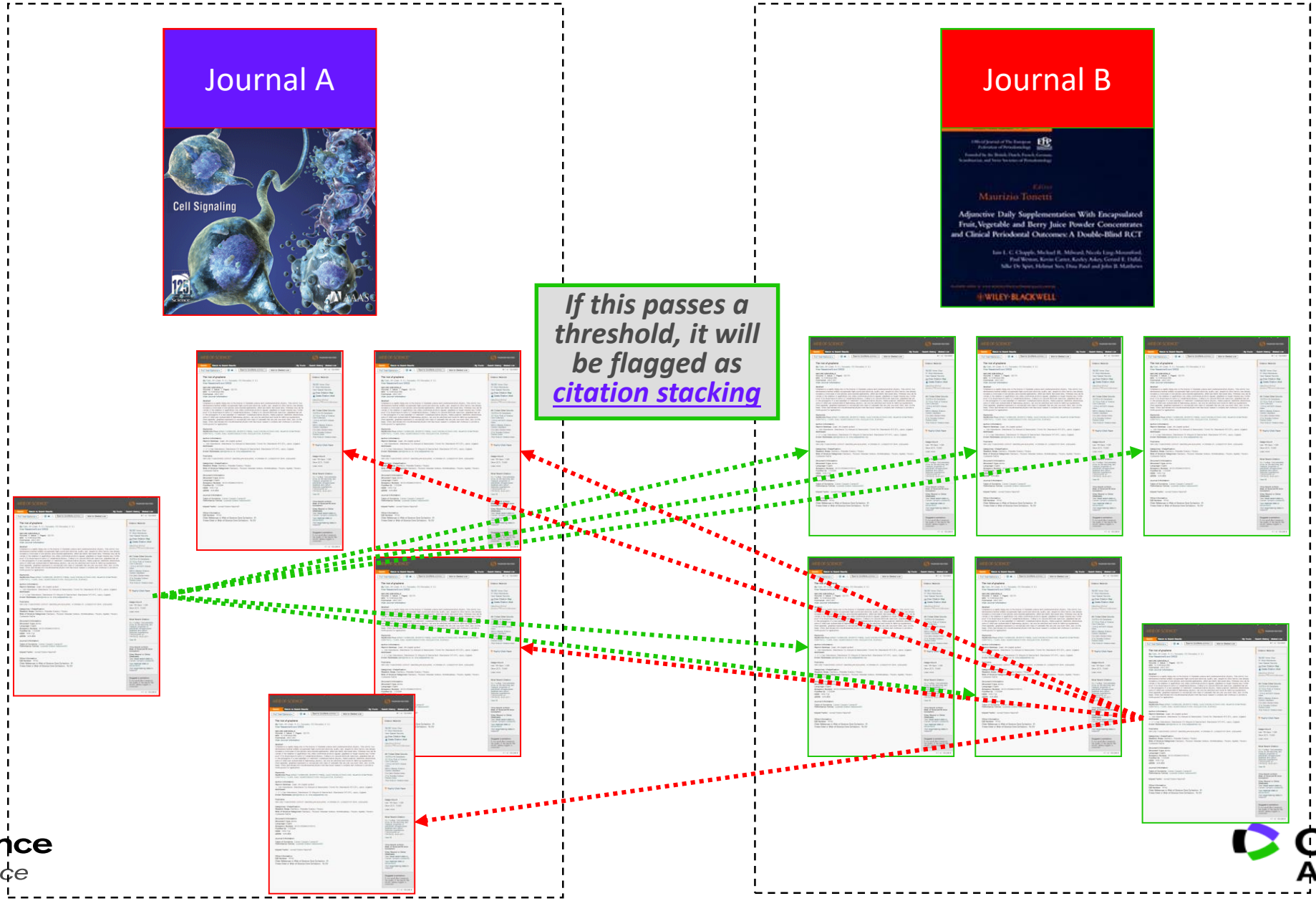
To Q4

- Chemistry, Medicinal
- Pharmacology & Pharmacy

Journal was suppressed from 2010.

Source: 2010 Journal Citation Reports

Citation stacking is a pair of journals with high citation rates between them



JCR Quiz - True/False questions

JCR contains many journal metrics for various publishing strategies

True! No single metric is perfect. Depending on what your publishing strategy is, JCR has different metrics to assist in your decision making process.

JCR covers Science, Social Sciences and Arts & Humanities journals.

False! JCR does not cover Arts & Humanities journals as citation analysis is less useful in those subjects.

JCR Quiz - True/False questions

Clarivate Analytics invents new journal metrics to make their own journals look better than competing journals.

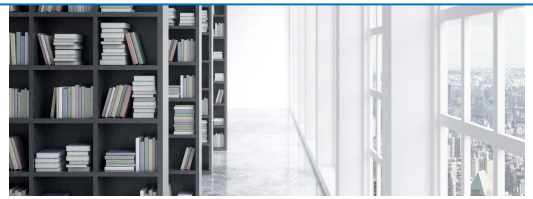
False! Clarivate does not own any journals and is neutral in its metric calculation methods.

Clarivate Analytics take serious actions against citation manipulation

True! Clarivate monitors its database and is the **ONLY** database provider that has a history of annual deselections.

Web of Science

Journal Citation Reports



Key Resources: Publons/Kopernio

publons

ALPSP Awards for Innovation in Publishing 2017 WINNER Sponsored by MPS

Clarivate Analytics

Give Yourself Career Advantage through Publons

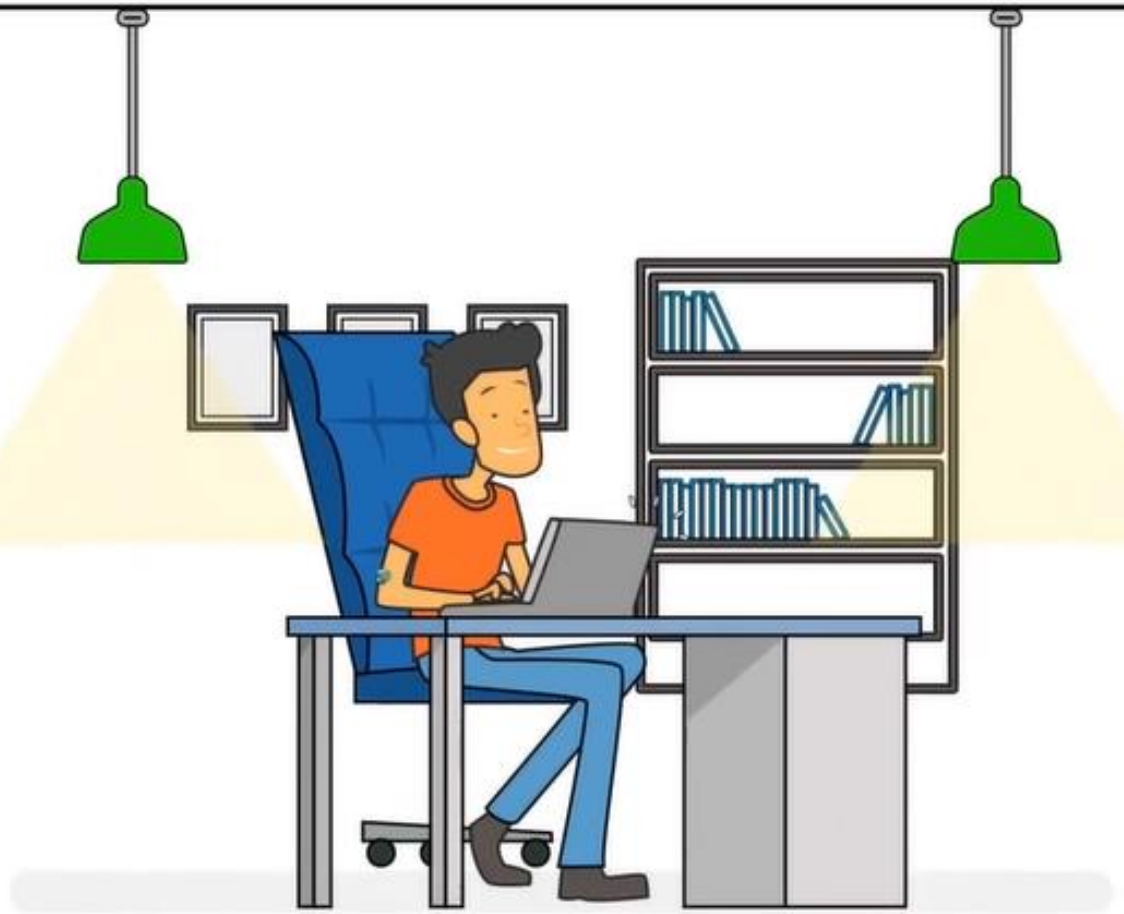
- In 2011, *Forbes* published the article "5 Reasons Why Your Online Presence Will Replace Your Resume in 10 Years."
- Today, job recruiters and potential managers view LinkedIn as an online resume. You can use your LinkedIn profile to highlight your job experience and show off endorsements and recommendations you've received
- Is this sufficient for **researchers**?

Publons for Researchers

Clarivate Analytics

publons

How do you demonstrate your research impact?



- Publications
- Citation Metrics
- Peer Reviews
- Journal Affiliations

& more.....

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Take Your Research Career Forward – Become a better Peer Reviewer

Profile Page

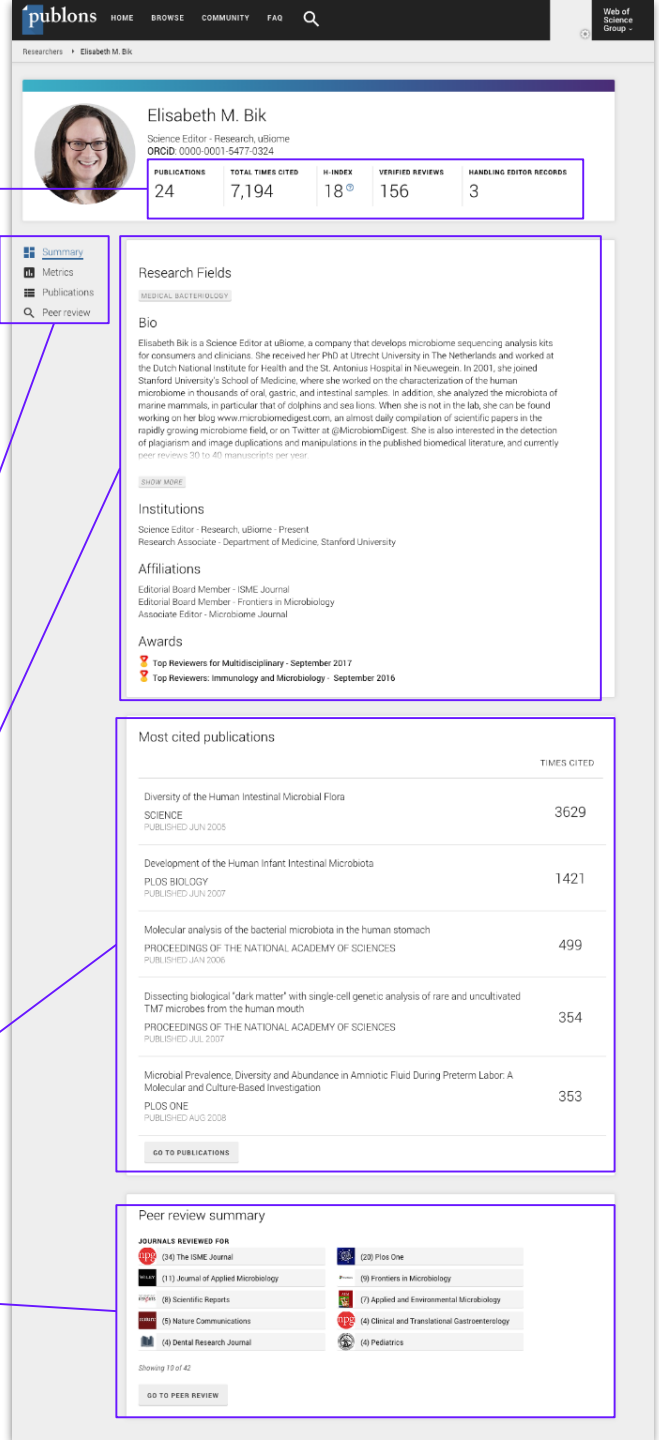
Summary of key publication and peer review metrics

Navigate to detailed metrics, publication, or peer review and journal editing summaries

Research fields, bio, institutional affiliations, and highly cited and peer review awards

Most cited publications and citation counts

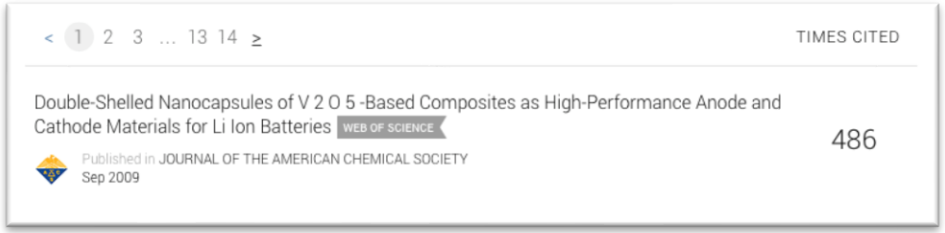
Journals reviewed for and count of verified reviews performed

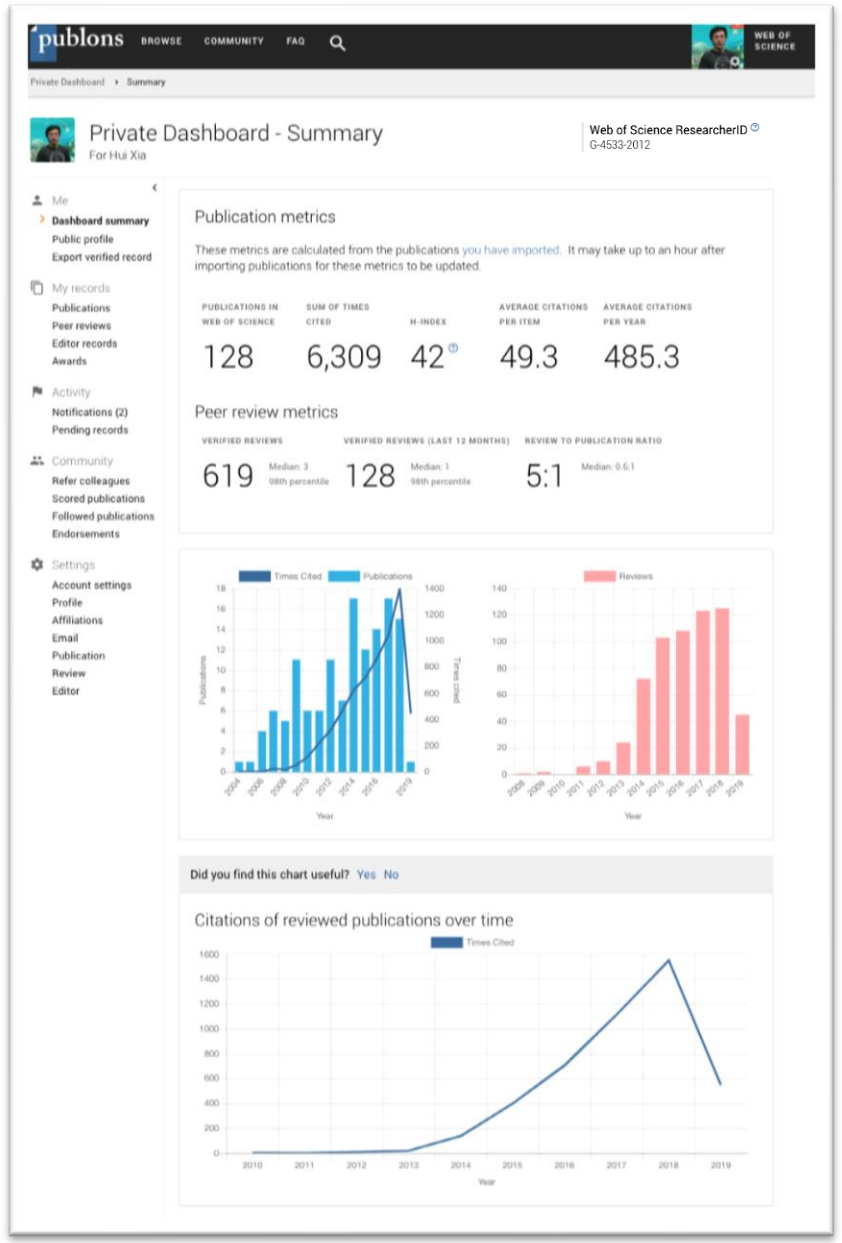


With a more complete suite of metrics

h-index
Avg. citations per article
Avg. citations per year
Total citations over time
Citation counts in per-paper context and aggregate.
Peer review metrics
Editorial Board Memberships
Citations of papers you reviewed

N.B. Citation metrics are drawn from the Web of Science Core Collection





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Download official certificates directly from your profile.

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Publons Academy Mentors or Graduates

Top peer reviewers

Publicly showcase your achievements from your profile.

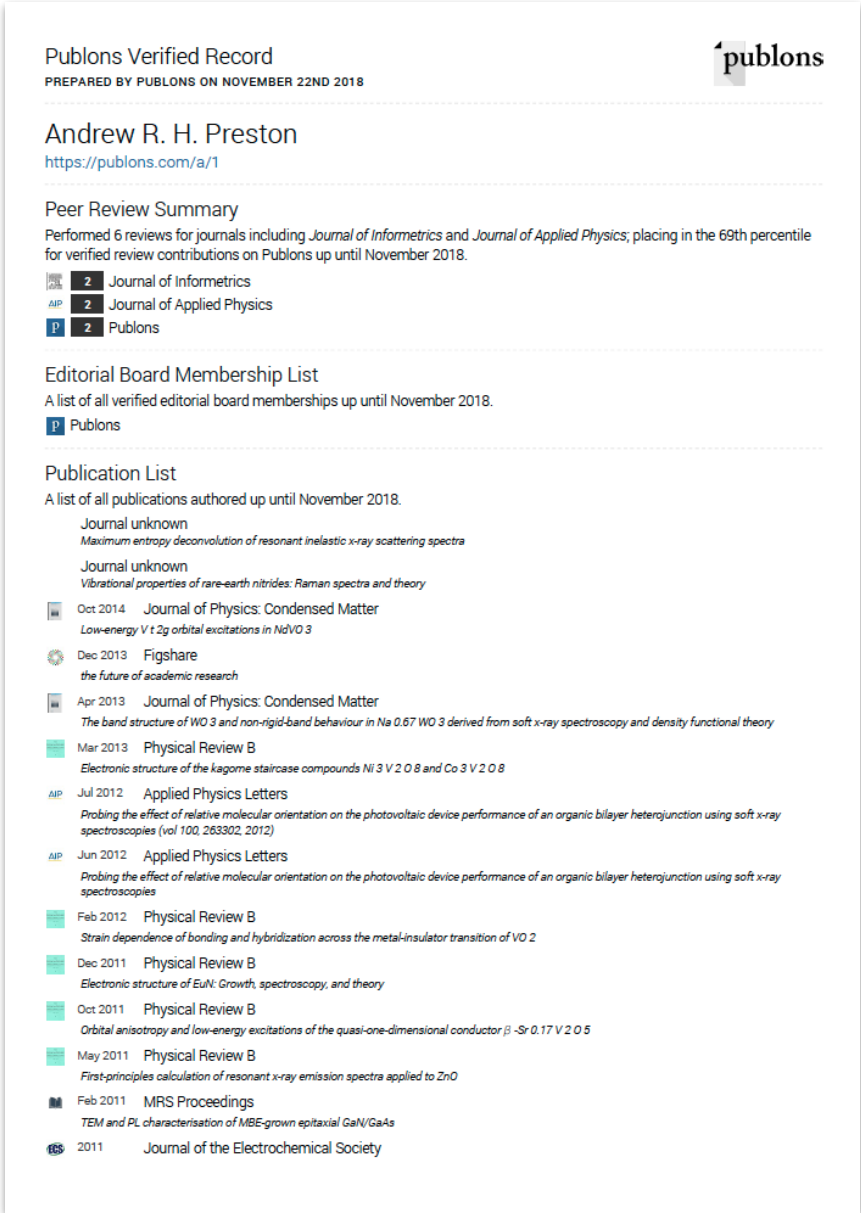
Download your Verified Record

Save time preparing for evaluations and funding applications with your downloadable report summarizing your work as a published author, editor and peer reviewer.

This version is available today

Updated design coming in 2019 to include:

- Citation metrics
- *h*-index
- Reformatting
- Greater customization



Publons Verified Record

PREPARED BY PUBLONS ON NOVEMBER 22ND 2018

publons

Andrew R. H. Preston

https://publons.com/a/1

Peer Review Summary

Performed 6 reviews for journals including *Journal of Informetrics* and *Journal of Applied Physics*; placing in the 69th percentile for verified review contributions on Publons up until November 2018.

- 2 Journal of Informetrics
- 2 Journal of Applied Physics
- 2 Publons

Editorial Board Membership List

A list of all verified editorial board memberships up until November 2018.

- Publons

Publication List

A list of all publications authored up until November 2018.

Journal unknown
Maximum entropy deconvolution of resonant inelastic x-ray scattering spectra

Journal unknown
Vibrational properties of rare-earth nitrides: Raman spectra and theory

Oct 2014 Journal of Physics: Condensed Matter
Low-energy V t 2g orbital excitations in NdVO 3

Dec 2013 Figshare
the future of academic research

Apr 2013 Journal of Physics: Condensed Matter
The band structure of WO 3 and non-rigid-band behaviour in Na 0.67 WO 3 derived from soft x-ray spectroscopy and density functional theory

Mar 2013 Physical Review B
Electronic structure of the kagome staircase compounds Ni 3 V 2 O 8 and Co 3 V 2 O 8

Jul 2012 Applied Physics Letters
Probing the effect of relative molecular orientation on the photovoltaic device performance of an organic bilayer heterojunction using soft x-ray spectroscopies (vol 100, 263302, 2012)

Jun 2012 Applied Physics Letters
Probing the effect of relative molecular orientation on the photovoltaic device performance of an organic bilayer heterojunction using soft x-ray spectroscopies

Feb 2012 Physical Review B
Strain dependence of bonding and hybridization across the metal-insulator transition of VO 2

Dec 2011 Physical Review B
Electronic structure of EuN: Growth, spectroscopy, and theory

Oct 2011 Physical Review B
Orbital anisotropy and low-energy excitations of the quasi-one-dimensional conductor β -Sr 0.17 V 2 O 5

May 2011 Physical Review B
First-principles calculation of resonant x-ray emission spectra applied to ZnO

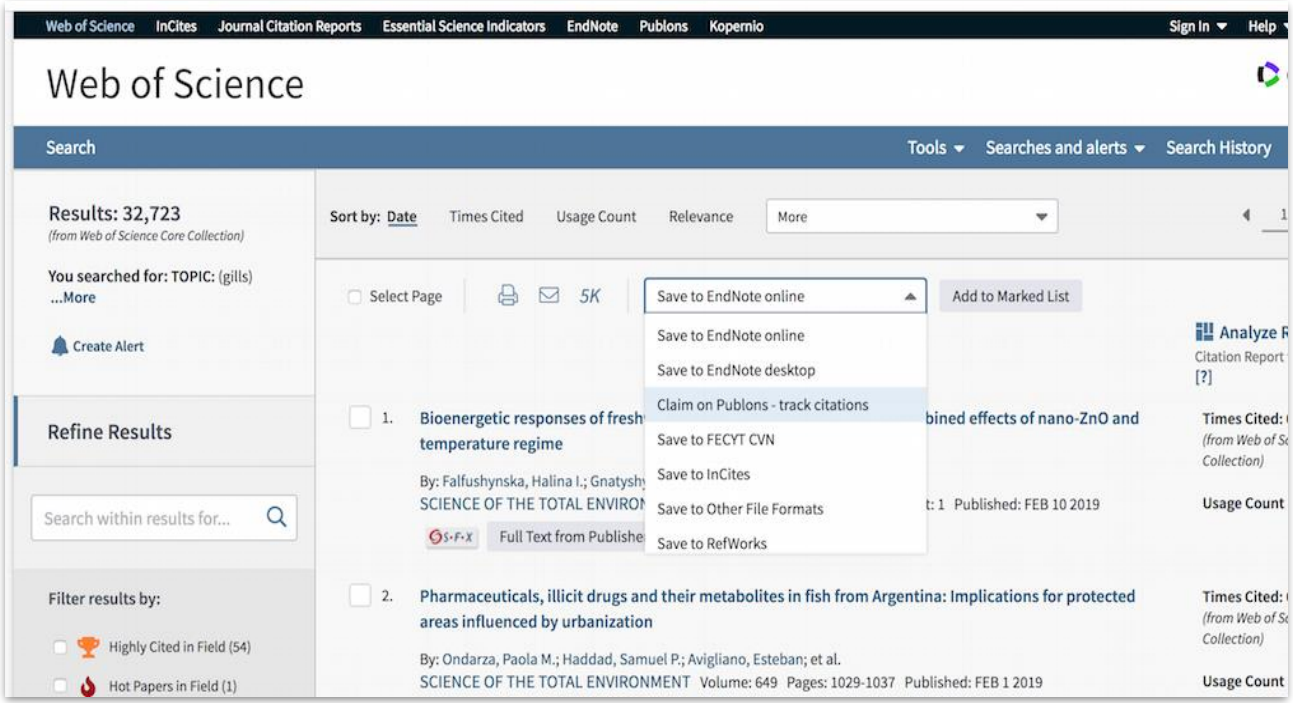
Feb 2011 MRS Proceedings
TEM and PL characterisation of MBE-grown epitaxial GaN/GaAs

2011 Journal of the Electrochemical Society

Claim your publications from Web of Science

Claim your publications directly from Web of Science and export to your Publons profile.

Note: If you have a pop-up blocker, you will need to disable this to be able to claim your publications from within Web of Science.

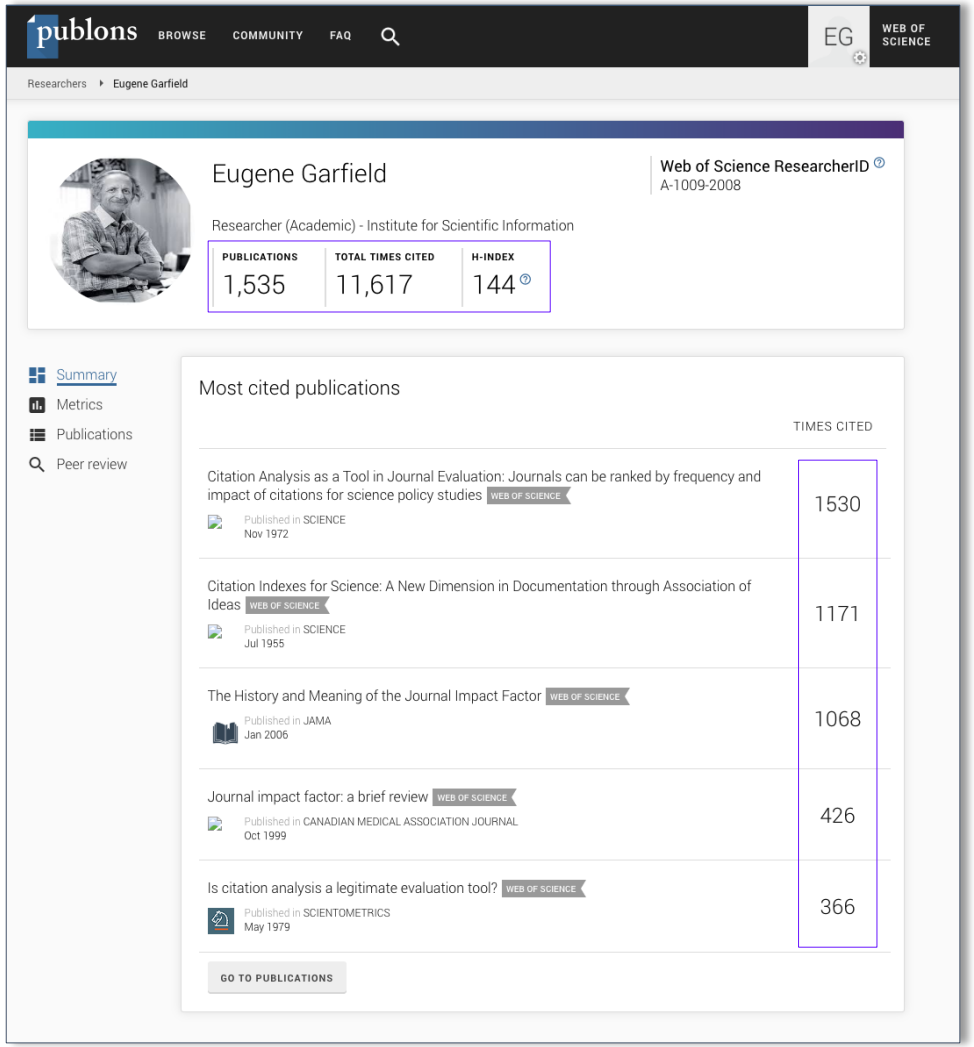


Import citations and *h*-index from Web of Science

Publons automatically calculates your Web of Science Core Collection citation counts and *h*-index for any publications you imported to your profile, regardless of how the publications were added.

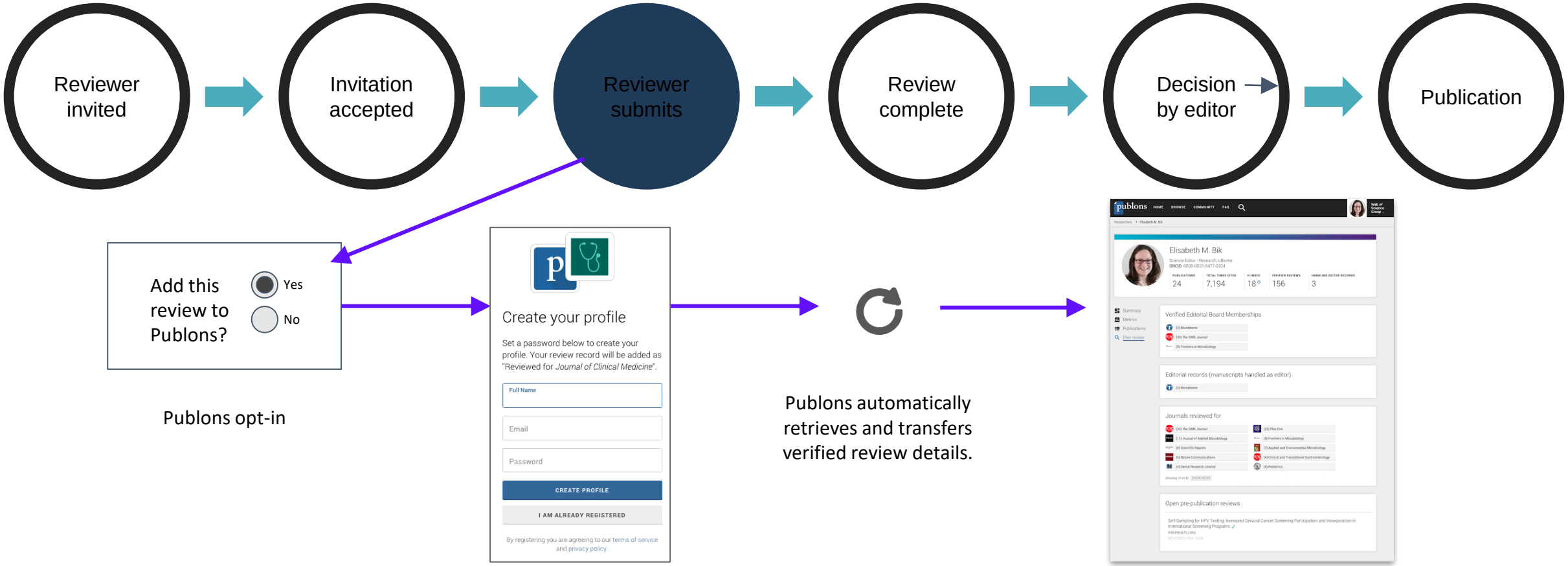
Why Web of Science Core Collection citations?

Publons uses the Web of Science Core Collection — 21,000 journals hand-selected and re-evaluated by expert editors — to calculate citation counts and h-indexes. This ensures that every citation we count is from an authoritative and robust corpus of publication metadata, with balanced coverage across disciplines and geographies, and vetted by expert editors as meeting the quality standards required to be indexed in the Web of Science Core Collection.



How do you claim your peer reviews

Automatically add reviews to your profile thanks to our integrations with thousands of scholarly journals.



Publons opt-in

Publons checks for existing account.
If none, invites reviewer to sign up

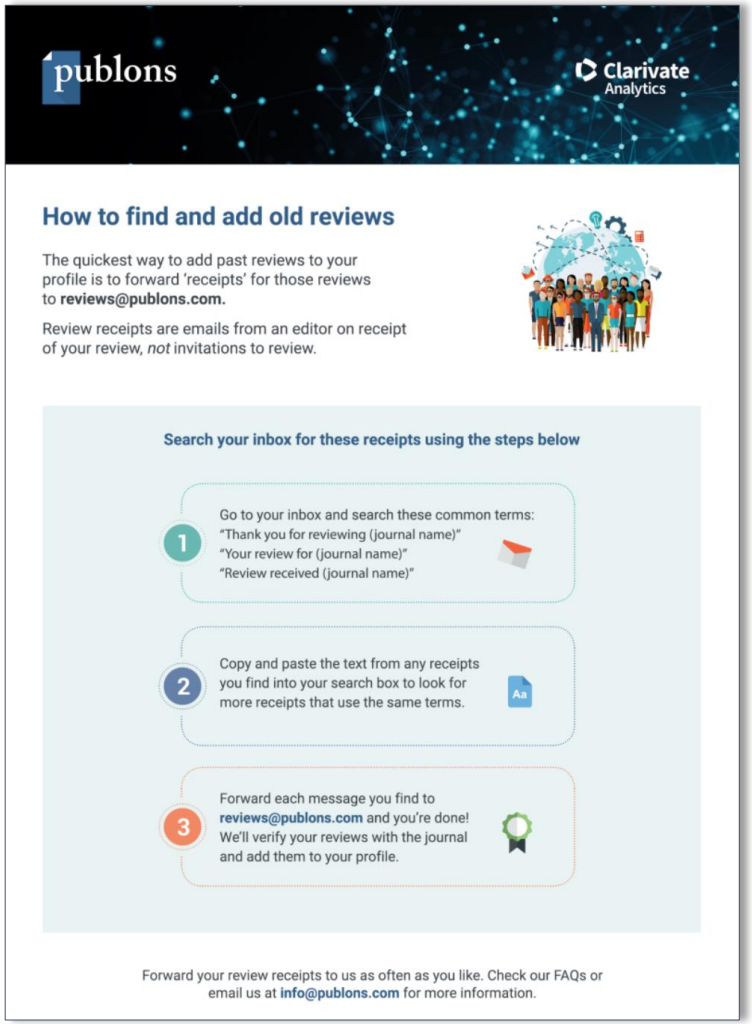
Publons automatically retrieves and transfers verified review details.

Profile updated with verified review record
(No sensitive information is displayed)

Add reviews and editorial records for non-partnered journals

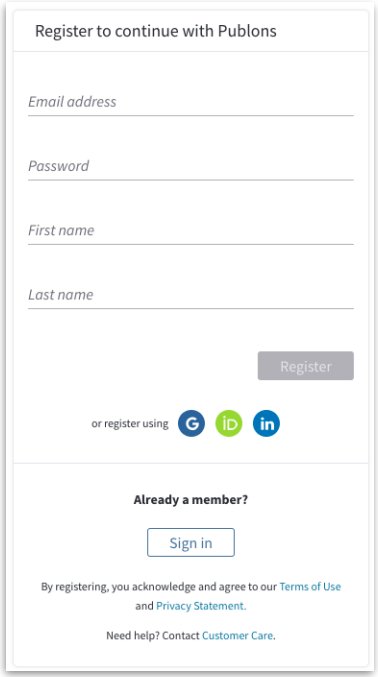
We verify these records behind the scenes and add the records to your profile.

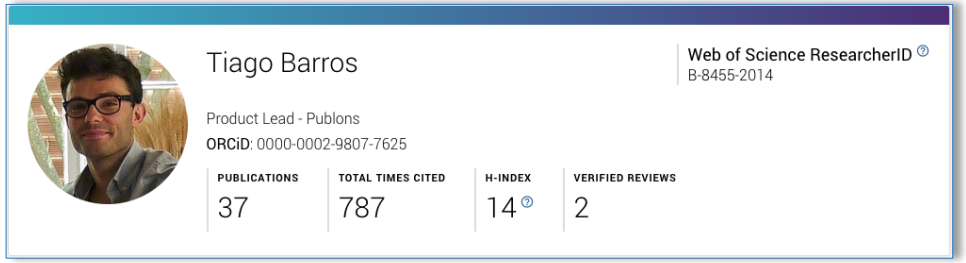
Email review receipts (‘Thank you for reviewing emails) to reviews@publons.com
Manually enter review details from your private dashboard.

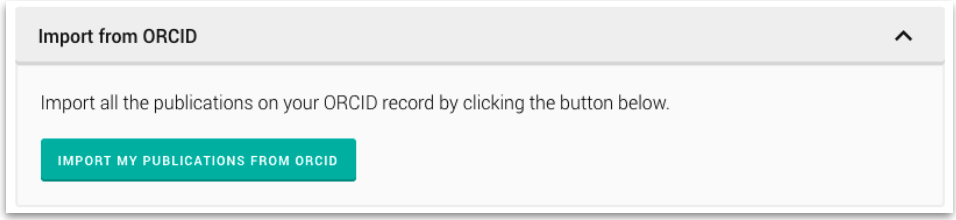


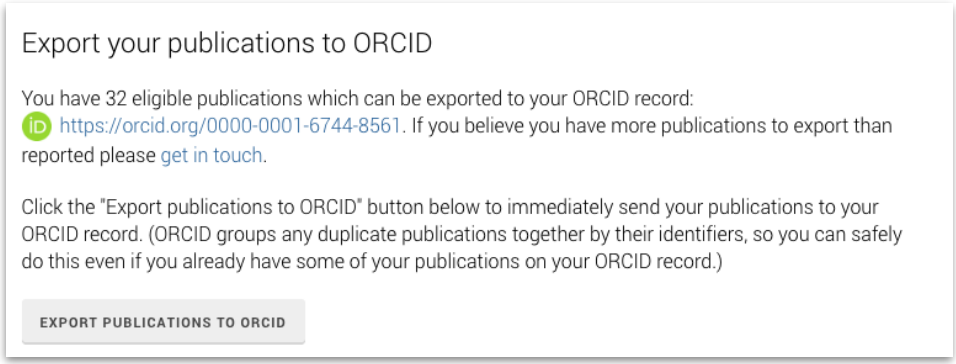
Link with ORCiD

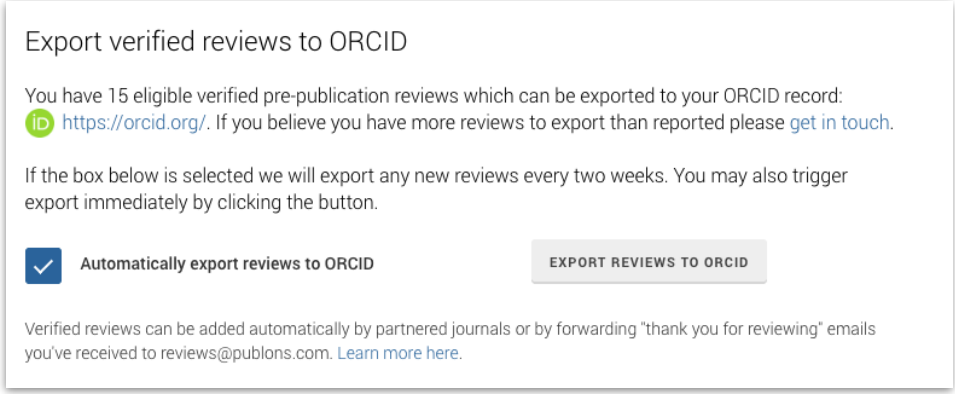
Login to Publons with ORCiD
One click import publications from ORCiD to Publons profile
One click export publication and review records from Publons to ORCiD



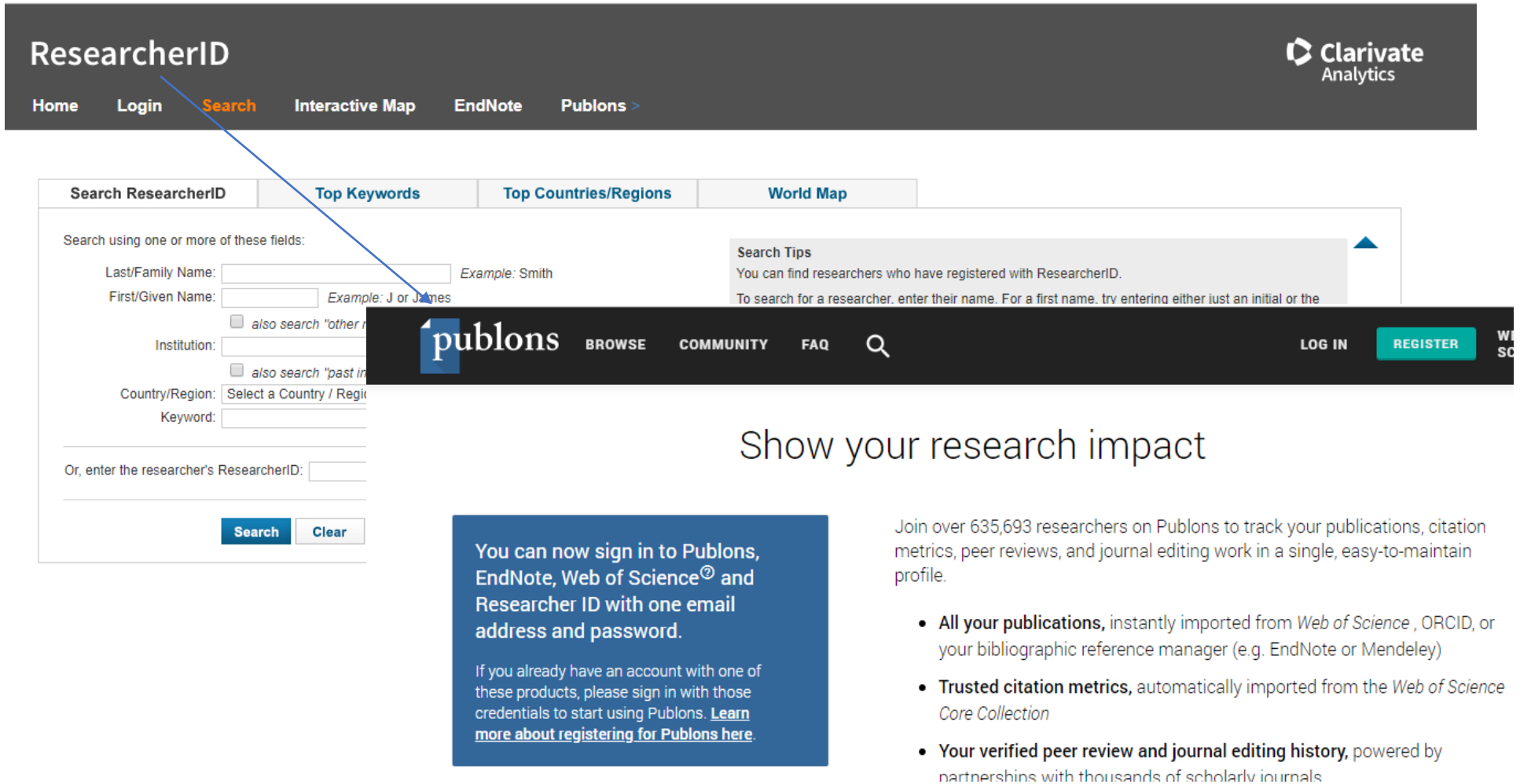








Researcher ID has migrated to Publons



Training the next generation reviewer expert

What is the Publons Academy?

- Free, online, practical peer review training course
- Developed together with top reviewers, editors, and online educators
- 10 modules each with a module video, short expert tip video, and an exercise
- On demand with no deadlines
- Peer review template
- Practical exercises: write 2 reviews on published papers (can be pre-prints)
  - Mentor helps revise reviews and approve them
- Graduate with peer review certificate
- Added to reviewer pool that our partner publisher editors use to find reviewers

Course Outline

Overview of each module and your progress through the course.

Continue Module 5: At first glance

1. Welcome to the Publons Academy ✓
2. Academic publishing and peer review ✓
3. What journals want ✓
4. Ethical considerations ✓
5. At first glance ⌄
6. Evaluating introductions ⌄
7. Evaluating methodology ⌄
8. Evaluating data and results ⌄
9. Evaluating discussions and conclusions ⌄
10. Structuring your reviews ⌄

Publons Academy
Powering Peer Review

publons.com/academy

Paper title:

Aim(s):

DOI:

Review due date: / /

Section	Points to Ponder	Review comments and notes

Abstract, title and references	• Is the aim clear?
	• Is it clear what the study found and how they did it?
	• Is the title informative and relevant?
	• Are the references:
	  ◦ Relevant?
	  ◦ Recent?
	  ◦ Referenced correctly?
	  ◦ Are appropriate key studies included?	

Introduction/ background	• Is it clear what is already known about this topic? • Is the research question clearly outlined? • Is the research question justified given what is already known about the topic?	
Methods	• Is the process of subject selection clear? • Are the variables defined and measured appropriately? • Are the study methods valid and reliable? • Is there enough detail in order to replicate the study?	

Results	• Is the data presented in an appropriate way?
	  ◦ Tables and figures relevant and clearly presented?
	  ◦ Appropriate units, rounding, and number of decimals?
	  ◦ Titles, columns, and rows labelled correctly and clearly?
	  ◦ Categories grouped appropriately?
	• Does the text in the results add to the data or is it repetitive?
	• Are you clear about what is a statistically significant result?
	• Are you clear about what is a practically meaningful result?	

Discussion and Conclusions	• Are the results discussed from multiple angles and placed into context without being overinterpreted? • Do the conclusions answer the aims of the study? • Are the conclusions supported by references or results? • Are the limitations of the study fatal or are they opportunities to inform future research?	
Overall	• Was the study design appropriate to answer the aim? • What did this study add to what was already known on this topic? • What were the major flaws of this article? • Is the article consistent within itself?	

Publons Academy
Powering Peer Review

publons.com/academy

Structure your comments into a full review:

Overall statement or summary of the article and its findings in your own words	
Overall **strengths** of the article and what **impact** it might have in your field	
Specific comments on **weaknesses** of the article and what could be done to improve it	Major points in the article which needs clarification, refinement, reanalysis, rewrites and/or additional information and suggestions for what could be done to improve the article. 1. 2. 3. Minor points like figures/tables not being mentioned in the text, a missing reference, typos, and other inconsistencies. 1. 2. 3. 4.

CERTIFIED PUBLONS ACADEMY PEER REVIEWER

Graduates of the the Publons Academy Practical Peer Review course have been endorsed by a qualified mentor after completing peer review course work corresponding to 10-15 hours.

Publons, in accordance with the recommendation of the Managing Director, hereby recognize

Peer Reviewer

As having completed the Publons Academy Practical Peer Review course to a satisfactory level.

Dr. A.R.H. Preston, Managing Director, publons.com

Career Impact: Make Peer Reviews Count!

> ASM's partnership with Publons indicates to me that ASM is a progressive society that listens and attends to key issues of scholarly publishing in the broader research community, beyond microbiology.
>
> Reviewer for American Society for Microbiology

> It was a little easier spending [the morning] on manuscript review knowing, even if comments are ignored - I still get some credit...I also believe I am much more constructive and spend more time explaining issues and offering solutions. Thanks Publons.

Steven B. Roberts
University of Washington, Editorial Board - Scientific Data

> Publons has definitely made the reviewing process more rewarding and enjoyable!

Sadaf Atarod
Postdoctoral Associate - Center for Regenerative Medicine, Boston University

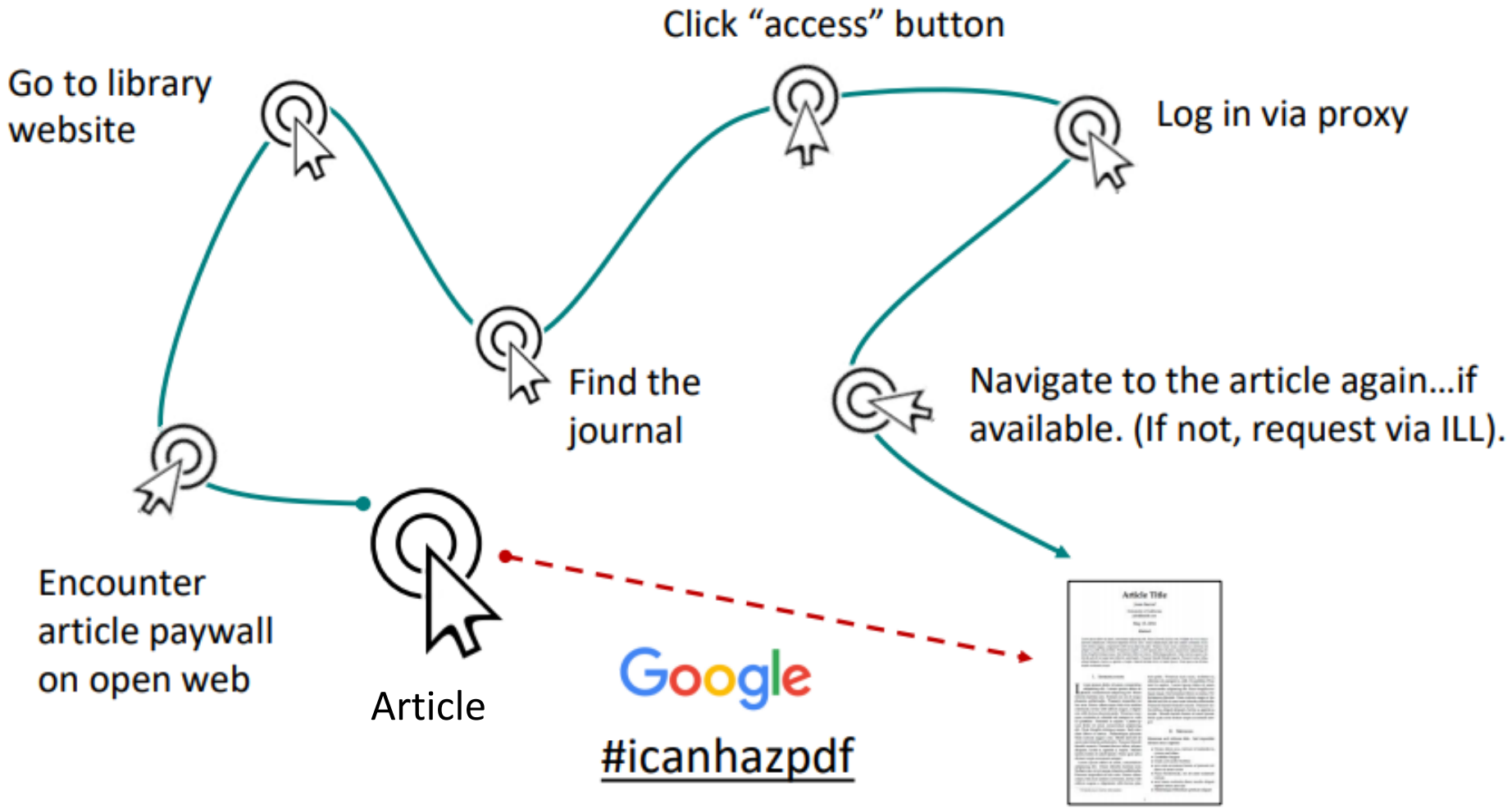
> I'm more likely to submit papers to and more likely to review papers for [partnered journal].

Rob W. Briddon

Clarivate Analytics publons

Optimally leverage your library resources

Following a student's journey to find full-text:



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Web of Science Group

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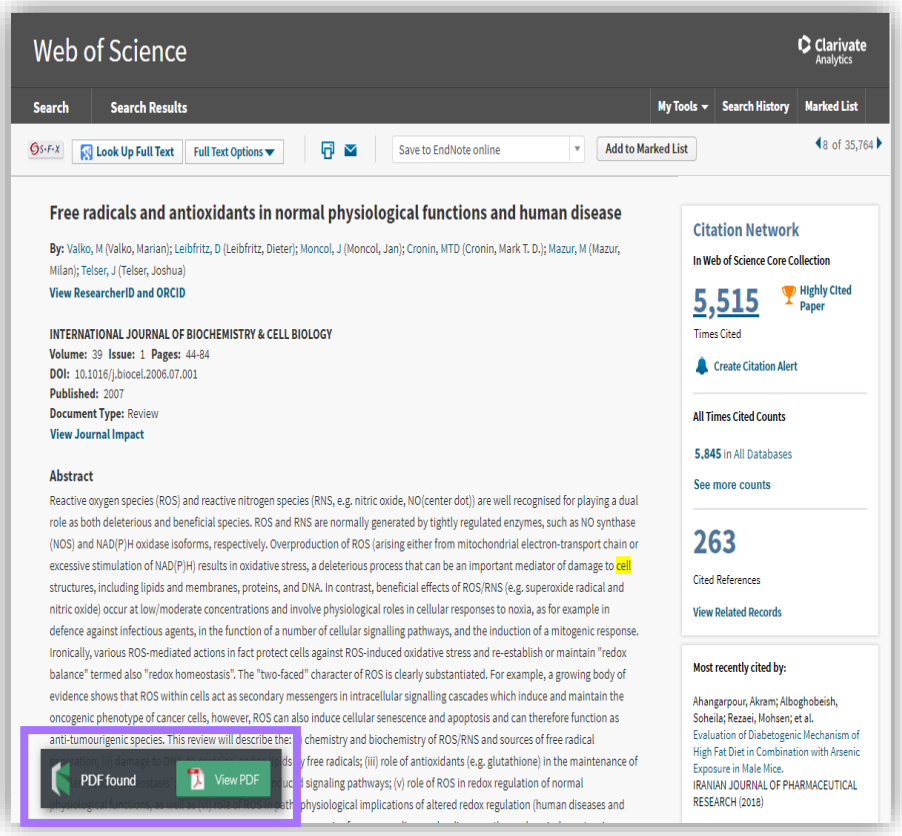
Install in Chrome

Firefox Extension



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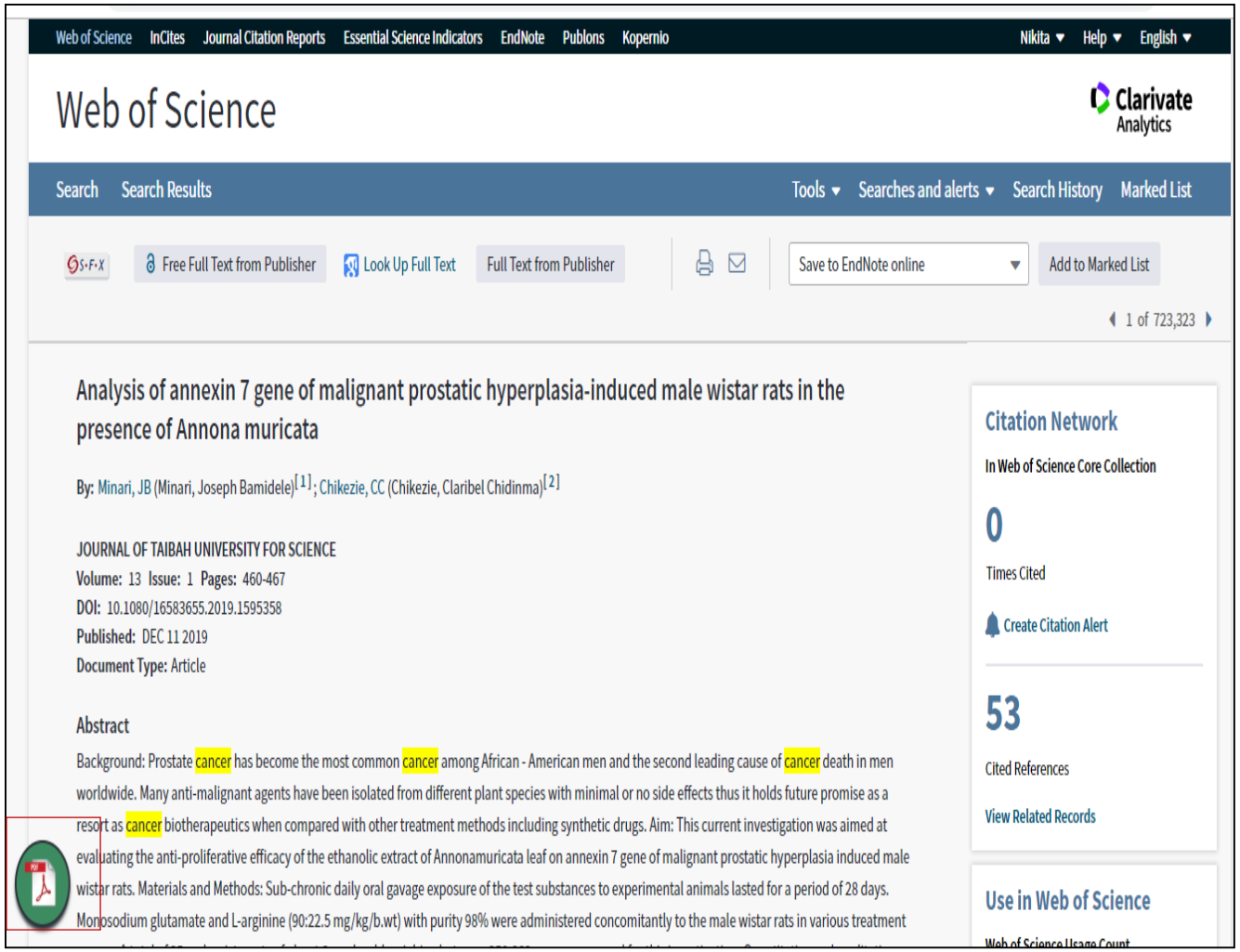

Kopernio Demo

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