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Ways to Increase Research Visibility, Citation, and H-index

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Research Visibility and Impact Consultant



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@aleebrahim



<https://publons.com/researcher/1692944>
<https://scholar.google.com/citation>



All of my presentations are available online at:
https://figshare.com/authors/Nader_Ale_Ebrahim/100797



8th September 2021

Abstract

H-index is a common index for assessing the output and impact of researchers, departments, and universities. H-index will increase by citation of academic papers that also can be influential in improving the university ranking. One of the key ways to increase citations is to expose the research output to the widest possible audience. Publishing a high quality paper in a scientific journal is only half the way of receiving citations in the future. The rest of the journey is advertising and disseminating the publications by using the proper “[Research Tools](#)”. Citations to an article strongly depend on the visibility, rather than the merit of the article. Researchers have spent plenty of time and effort on writing their research for publication. However, most of the researchers stop their work after publication. Dissemination and archiving an article is an essential phase of the publication life cycle. There are [tools](#) that help to increase citation, H-index and research visibility. Effective use of these [tools](#), which will be elaborated in this webinar, can result in increased visibility and, thus, improve the paper citations, sequentially researcher H-index, and university ranking.

Keywords: H-index, Improve citations, Research tools, Research visibility, Research impact, University rankings

MJIIT
RESEARCH
ENGAGEMENT
SERIES #4
(Senpai-kohai)



WAYS TO INCREASE
CITATION, H-INDEX
AND RESEARCH
VISIBILITY



DR. NADER ALE EBRAHIM

*"Research Visibility and Impact" freelancer consultant
adjunct lecturer at Alzahra University*



Via

Webex

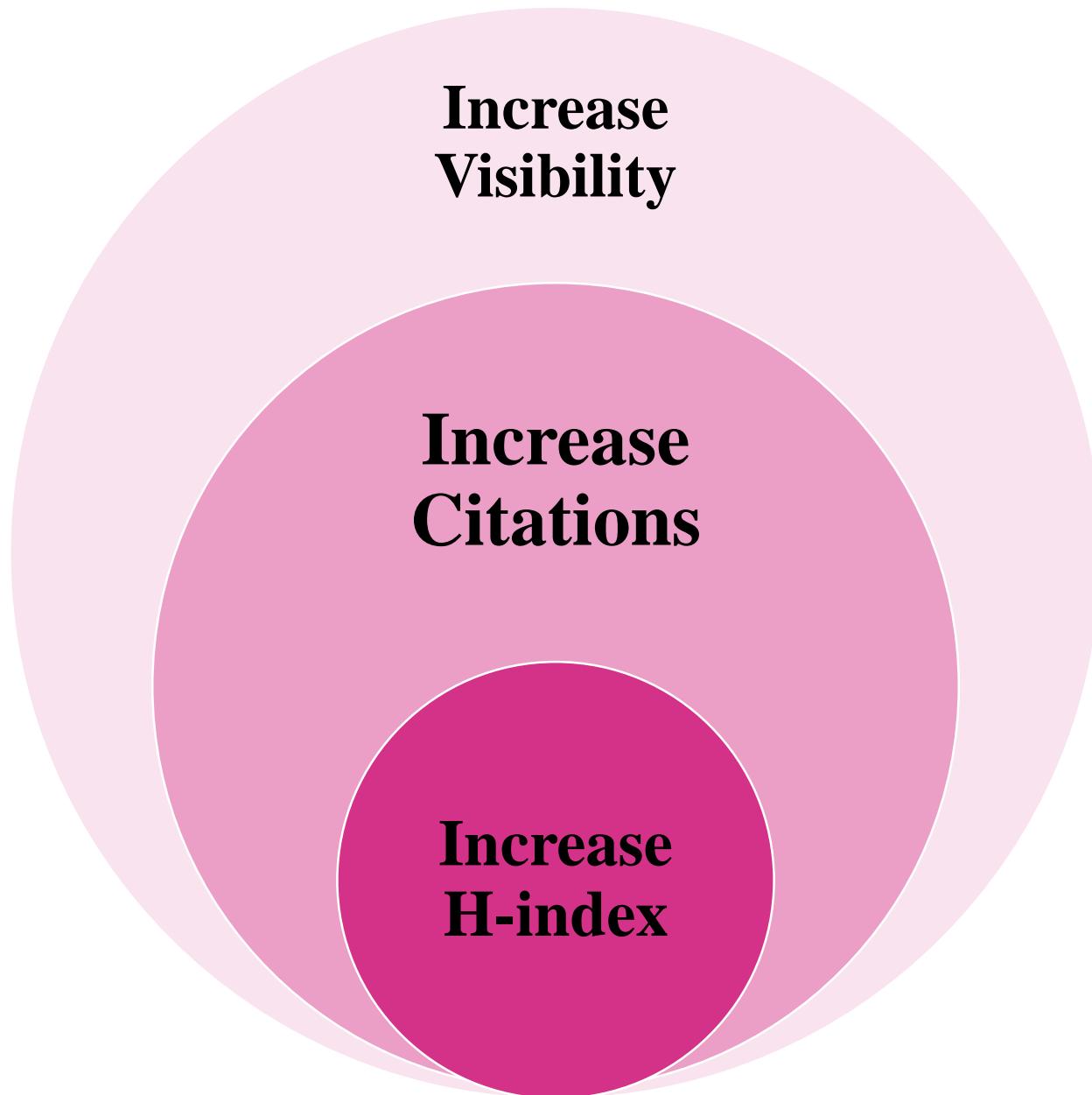
<https://utm.webex.com/join/mazlizaaini>

8TH SEPTEMBER 2021 | WEDNESDAY

3.00 PM- 5.00 PM

ACADEMIC STAFF ARE INVITED TO ATTEND

**Increase
Research
Visibility,
Citation,
and
H-index**



Visibility

Visibility refers to how well other scientists and/or the general public know your research and you as a researcher.

Source: Lantsoght, E. O. (2018). *The A-Z of the PhD Trajectory, A Practical Guide for a Successful Journey*. Springer, Cham. <https://doi.org/10.1007/978-3-319-77425-1>

Citations

Citation shows that how many times an article has been cited by other articles

H-Index

A scientist has index h if h of his/her N_p papers have at least h citations each, and the other $(N_p - h)$ papers have no more than h citations each.

No.	Topic
1	<u>Motivation</u>
2	<u>General Solutions</u>
3	<u>Use a standardized institutional affiliation and address</u>
4	<u>Assign keyword terms to the manuscript</u>
5	<u>Publish with international authors</u>
6	<u>Use academic social networks</u>
7	<u>Make an online CV.</u>
8	<u>Avoid unethical approaches</u>
9	<u>Q&A</u>

Motivation



Associate/Full Professor in Microbiomes

Associate/Full Professor in Microbiomes

📍 Tampa, FL, United States

Posted about 5 days ago

Expires on July 06, 2019

Requirements:

- MD or MD/PhD
- 7-10 year history of continuous NIH funding or high profile grants
- Current NIH funding at the level of at least one R01 and greater than \$350,000 in direct costs
- At least 5 papers with an impact factor above 15
- **H-Index greater than 35**
- 7-10 years of experience as a principle investigator

Source: <https://www.nature.com/naturecareers/job/associatefull-professor-in-microbiomes-university-of-south-florida-usf-692705>

h-index importance

“Hirsch, who has a *h*-index of 49, says that a "**successful scientist**" will have an index of 20 after 20 years; an "**outstanding scientist**" will have an index of 40 after 20 years; and a "**truly unique individual**" will have an index of 60 after 20 years.”

Source: Ball, P. (2005). [Index aims for fair ranking of scientists](#). *Nature* 436(7053), 900-900.

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Journal Rankings

Country Rankings

Viz Tools

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All subject areas



All subject categories



All regions



1996-2020













Display countries with at least 0

Documents



Apply

 Download data

	Country	↓ Documents	Citable documents	Citations	Self-Citations	Citations per Document	H index
1	 United States	13817725	11986435	384398099	168230420	27.82	2577
2	 China	7454602	7229532	78201759	44817420	10.49	1010
3	 United Kingdom	4039729	3347117	102878206	22808209	25.47	1618
4	 Germany	3515309	3151775	81454056	19404148	23.17	1429
5	 Japan	3074206	2895478	54130480	13573127	17.61	1118
30	 Portugal	373566	336866	6670605	1101195	17.86	560
31	 Hong Kong	368737	335225	8826828	1006759	23.94	639
32	 Malaysia	368061	351217	3533978	827096	9.60	373
33	 Greece	367084	327311	7122963	992262	19.40	567

Source: <https://www.scimagojr.com/countryrank.php>

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1996-2020



Display countries with at least 0

Documents



Apply

Download data

	Country	Documents	Citable documents	Citations	Self-Citations	Citations per Document	↓ H index
1	United States	13817725	11986435	384398099	168230420	27.82	2577
2	United Kingdom	4039729	3347117	102878206	22808209	25.47	1618
3	Germany	3515309	3151775	81454056	19404148	23.17	1429
4	Canada	2037509	1796688	52825596	8841600	25.93	1299
5	France	2437589	2203243	55858552	11260558	22.92	1286
39	Saudi Arabia	252832	238288	3459949	533241	13.68	425
40	Iran	662189	632705	7048776	2395956	10.64	376
41	Malaysia	368061	351217	3533978	827096	9.60	373
42	Thailand	223696	210356	2929417	447160	13.10	369

Source: <https://www.scimagojr.com/countryrank.php>

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QS World University Rankings – Methodology



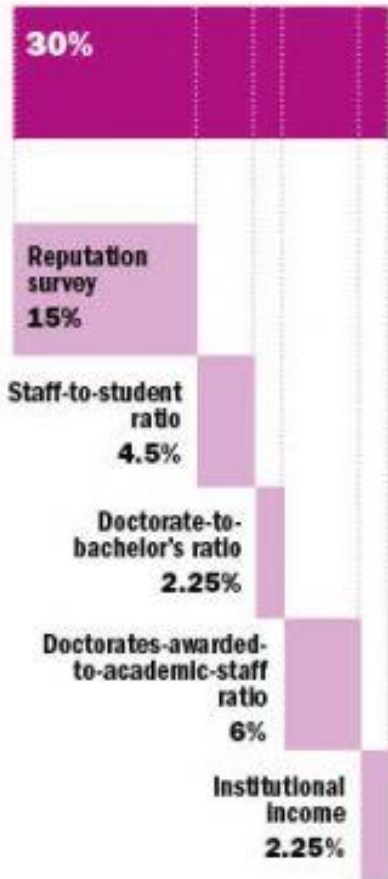
- **Academic reputation (40%)**
- **Employer reputation (10%)**
- **Faculty/Student Ratio (20%)**
- **Citations per faculty (20%)**
- **International faculty ratio/International student ratio (5% each)**

Source: <https://www.topuniversities.com/qs-world-university-rankings/methodology>

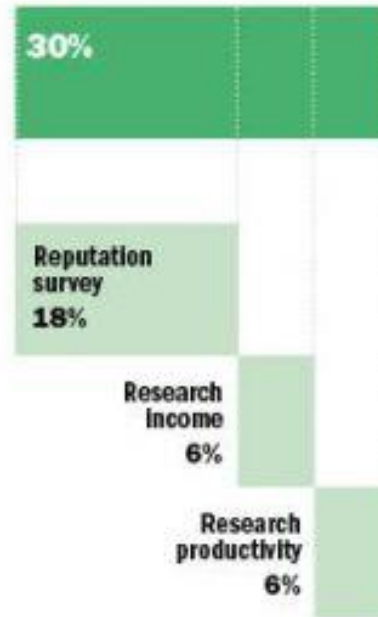
THE World University Rankings 2021: methodology



Teaching (the learning environment)



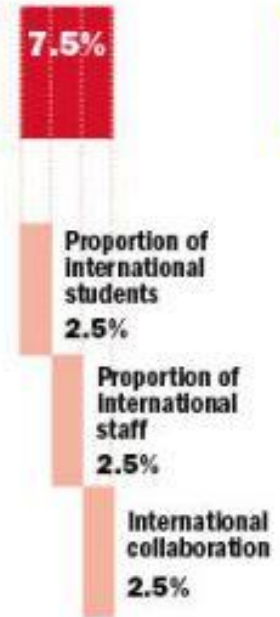
Research (volume, income and reputation)



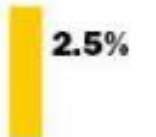
Citations (research influence)



International outlook (staff, students, research)



Industry income (knowledge transfer)



Source: <https://www.timeshighereducation.com/world-university-rankings/world-university-rankings-2021-methodology>

Shanghai Ranking's Academic Ranking of World Universities Methodology 2020



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

Source: <https://www.shanghairanking.com/methodology/arwu/2020>



A Comparison between Two Main Academic Literature Collections: Web of Science and Scopus Databases

Citation Data: University Library of Munich, Germany, MPRA Paper, ISSN: 1911-2017, Vol: 9, Issue: 5, Page: 18-26, No: 46898
Publication Year: 2013

431	27,497	952	6	152
Citations	Usage	Captures	Mentions	Social Media

Home

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Highlights

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> Twitter

Metrics Details

CITATIONS 431

Citation Indexes	431
Scopus ↗	431
RePEc ↗	76
CrossRef	55
SSRN ↗	4
Academic Citation Index (ACI) - airtiti	2

USAGE 27,497

Abstract Views	24,356
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Most Recent Tweet

See all tweets >



Most Recent Blog

See all blogs >

Nader Ale Ebrahim's papers on DBLP

October 26, 2020 | [Nader Ale Ebrahim's academic activities and relevant topics ↗](#)

Source: <https://dblp.org/pid/117/3748.html> – 2020 – today
* 2020 * j7 * * * * Saba Ale Ebrahim, Javad Poshtan, Seyedh Mahboobeh Jamali, Nader Ale Ebrahim: Quantitative and

Paper Description

Nowadays, the world's scientific community has been publishing an enormous number of papers in different scientific fields. In such environment, it is essential to know which databases are equally efficient and objective for literature searches. It seems that two most extensive databases are Web of Science and Scopus. Besides searching the literature, these two databases used to rank journals in terms of their productivity and the total citations received to indicate the journals impact, prestige or influence. This article attempts to provide a comprehensive comparison of these data

Show more ▾

Source: <https://plu.mx/a/-0W0mV-BwcDBGWszZh9g5QWUxaCt3qJ-0VTve5So9rA>

This article

<https://link.springer.com/article/10.1007/s11192-021-03961-8> used public tweets in English to analyze how scholars discuss the *h*-index in public

According to this paper: “The most prolific *h*-index tweeters were Nader Ale Ebrahim (233 tweets, 0.5% of all *h*-index tweets), a bibliometrician at Alzahra University, Tehran”

Results

There were 30,681 non-duplicate English-language tweets containing “*h*-index” or “*h* index” between the start of Twitter in 2006 and the end of 2020 (Fig. 1). The first tweet was from December 2007. The tweets with a known location were mainly from the USA (6640, 21.6%), the UK (3809, 12.4%), Australia (1476, 4.8%), and Canada (1388, 4.5%), with other countries contributing less than 2% each and 38.6% being from an unknown location. The most prolific *h*-index tweeters were Nader Ale Ebrahim (233 tweets, 0.5% of all *h*-index tweets), a bibliometrician at Alzahra University, Tehran, and DrugMonkey (167 tweets, 0.5%), an anonymous academic medicine blogger apparently from the USA. Everyone else had 80 or fewer tweets in the set (0.3%).

Source: M. Thelwall, and K. Kousha, “Researchers’ attitudes towards the *h*-index on Twitter 2007–2020: criticism and acceptance,” *Scientometrics*, 2021/04/26, 2021.

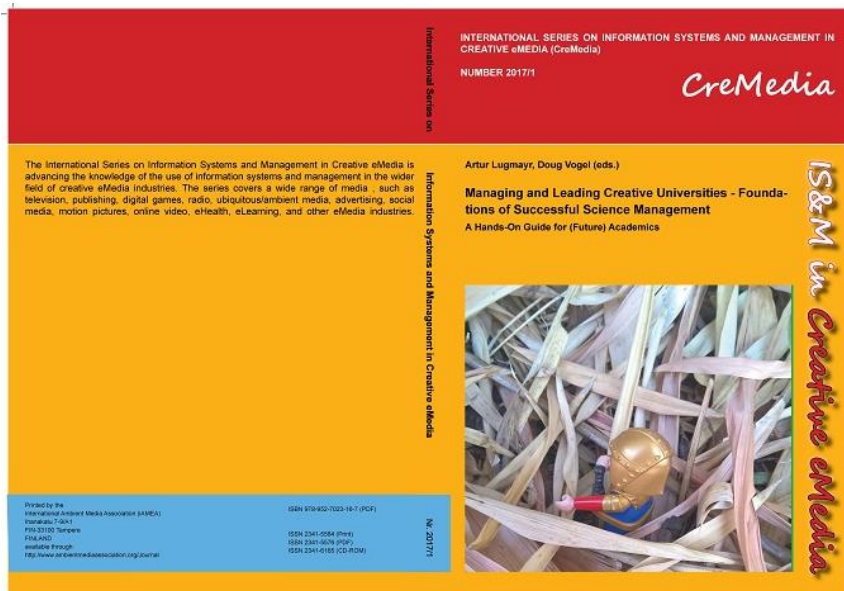


General Solutions

*Publish a
high-quality
paper*

1- Ale Ebrahim, Nader and Gholizadeh, Hossein and Lugmayr, Artur, **Maximized Research Impact: An Effective Strategies for Increasing Citations** (December 15, 2017). **Managing and Leading Creative Universities – Foundations of Successful Science Management: A Hands-On Guide for (Future) Academics** (pp. 29-51). Tampere, Finland: International Ambient Media Association (iAMEA); ISBN 978-952-7023-16-7, Available at SSRN: <https://ssrn.com/abstract=3101575>

2- Ale Ebrahim, Nader and Salehi, Hadi and Embi, Mohamed Amin and Habibi, Farid and Gholizadeh, Hossein and Motahar, Seyed Mohammad and Ordi, Ali, **Effective Strategies for Increasing Citation Frequency** (October 23, 2013). International Education Studies, Vol. 6, No. 11, pp. 93-99, 2013, Available at SSRN: <https://ssrn.com/abstract=2344585>



3- Increasing Visibility and Enhancing Impact of Research



1. Manuscript preparation and submission

Source: <https://pixabay.com/en/books-stack-learn-study-library-1015594/>



2. Post-publication promoting

Source: <http://fotomelia.com/?download=homme-megaphone-a-la-main-images-gratuites>



3. After receiving mentions/citations (monitoring)

Source: <http://fotomelia.com/?download=homme-bureau-ordinateur-images-gratuites>

Source: Bong, Yiibonn and Ale Ebrahim, Nader, Increasing Visibility and Enhancing Impact of Research (April 24, 2017). Asia Research News 2017. Available at SSRN: <https://ssrn.com/abstract=2959952>

Preparing for Publication – Writing

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

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

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

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

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

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

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

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


Things to do when a paper comes out: a checklist

1. Write a [blog-post](#) on SV-POW!
2. Create a [new page](#) about paper in the SV-POW! sidebar.
3. Add the [full-resolution figures](#) to the sidebar page.
4. Update my [online publications list](#).
5. Update my [University of Bristol IR page](#).
6. Update my [ORCID page](#).
7. Update my [LinkedIn page](#).
8. Mendeley, if you do it.
9. ResearchGate, if you do it.
10. Academia.edu, if you do it.
11. Keep an eye on [the new taxon's Wikipedia page](#) (once it exists).
12. Add the paper to [the Paleobiology Database](#) (or ask someone to do it for you if you're not authorised). [Credit: Jon Tennant]
13. Tweet about it! [Credit: [Matt Hodgkinson](#)]
14. Update Google Scholar, if it doesn't pick up on the publication on its own [Credit: Christopher Taylor]
15. Post on Facebook [Credit: Andy Farke]
16. Send PDF to the institution that hosts the material [Credit: Andy Farke]
17. Email colleagues who might be interested [Credit: Andy Farke]
18. Write short popular language account for your institution if applicable [Credit: Andy Farke]
19. Submit any silhouettes to [PhyloPic](#) [Credit: Mike Keesey]


Source: <https://svpow.com/2015/06/04/things-to-do-when-a-paper-comes-out-a-checklist/>

6 Tips to Achieve a Highly Cited Article


- 1

Title Length 


10 ± 3 words
 - Try not to use dot or dash in the title
 - Use colon in the title instead
- 2

Authors 


6 authors or more
- 3

Characters 


35,000 characters (minimum)
 - no spaces
 - including references
- 4

Figures 

6 figures (minimum)
- 5

Tables 

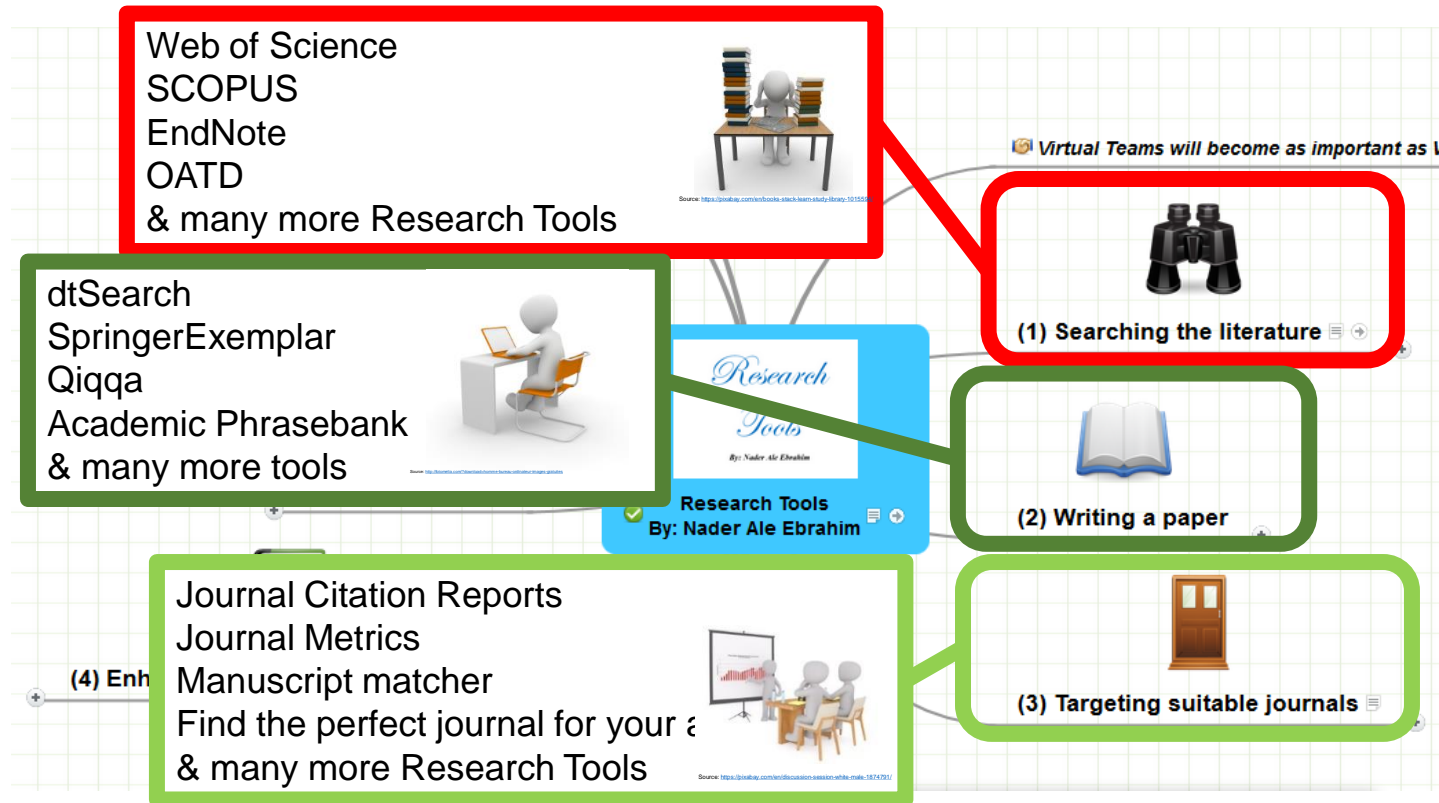
2 tables (minimum)
- 6

Equations 

Do not count equations
 - use them if needed
 - use as many when needed

Introduction to Research Tools

(Tools for supporting research and publication)



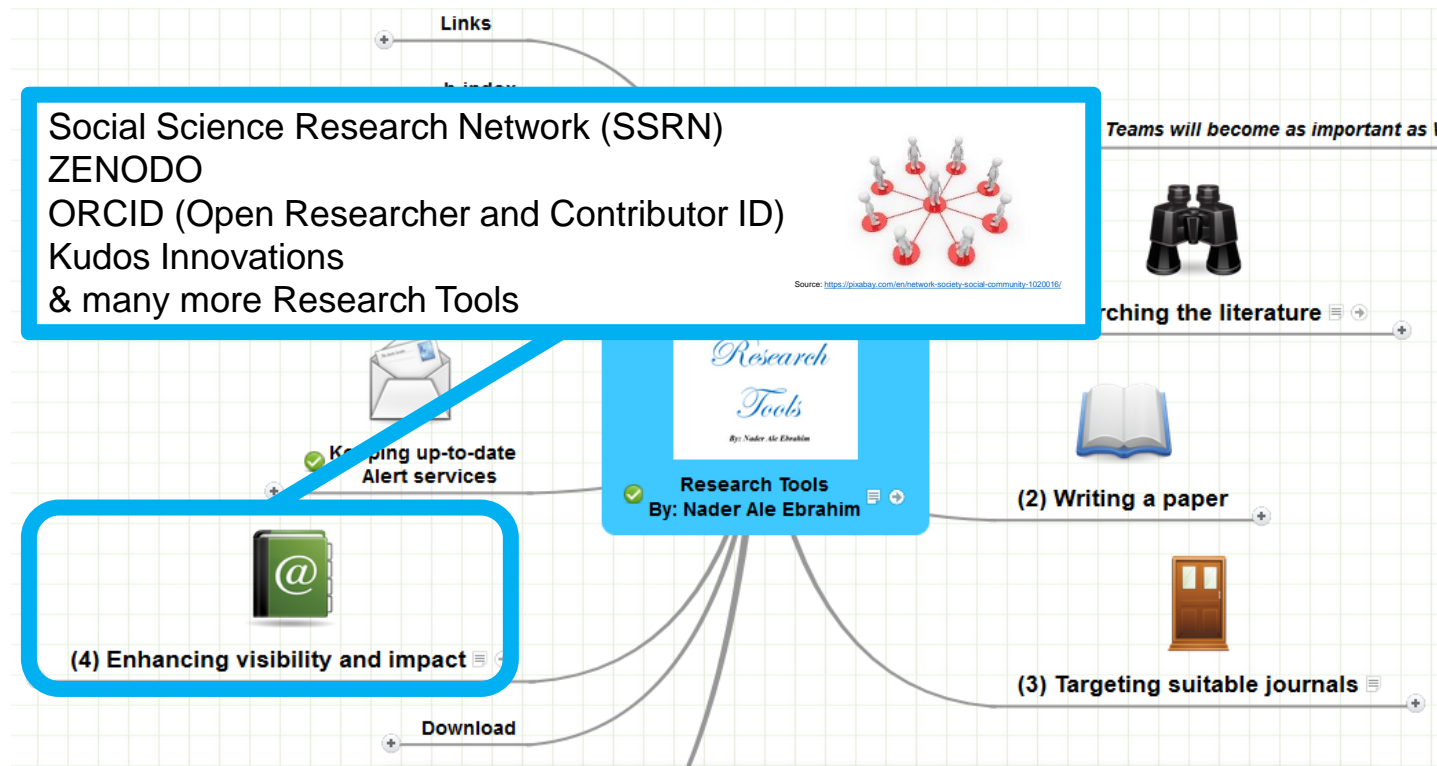
478.3k views

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Source: <https://www.mindmeister.com/39583892/research-tools-by-nader-ale-ebrahim?fullscreen=1>

Introduction to Research Tools

(Tools for supporting research and publication)



478.3k views

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Source: <https://www.mindmeister.com/39583892/research-tools-by-nader-ale-ebrahim?fullscreen=1>



Utrecht University

Visibility Check

Utrecht University Library



The Visibility Check provides you with insight into the extent of your academic outreach. Moreover, it gives advice on how to generate more attention for your academic work and professional career.

Do you see room for improvement? Any tips? Please use the Feedback button.

START THE CHECK

Source: <https://visibilitycheck.library.uu.nl/>

You have completed the check. Below you will find your score.

Planning (100%)



Research profiles (100%)



Academic social networks (100%)



Personal Channels (100%)



Open Access (100%)



The check helps you to gain insight into the extent of your academic visibility. Practical tips and advice can be found on [the to-do list](#).

It could be that you have a specific question you need answered. If so, feel free to request a consultation with our team. Leave your details below and let us know what you need.



Use a standardized
institutional affiliation and
address



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(MJIIT)

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Other name formats:

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Razak Faculty of Technology and Informatics

Universiti Teknologi Malaysia

Universiti Teknologi Malaysia UTM

University of Technology Malaysia

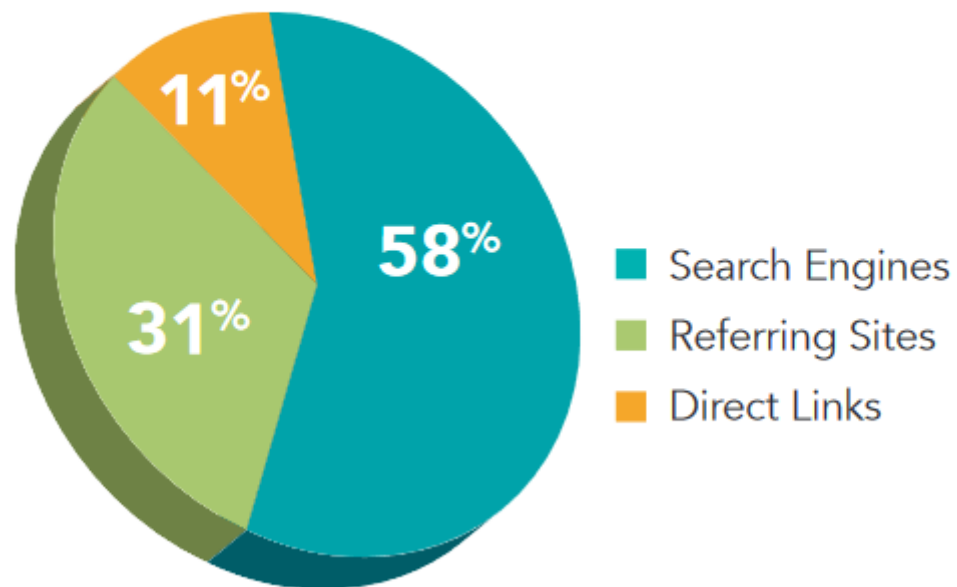
Universiti Teknologi

Source: <https://www.scopus.com>

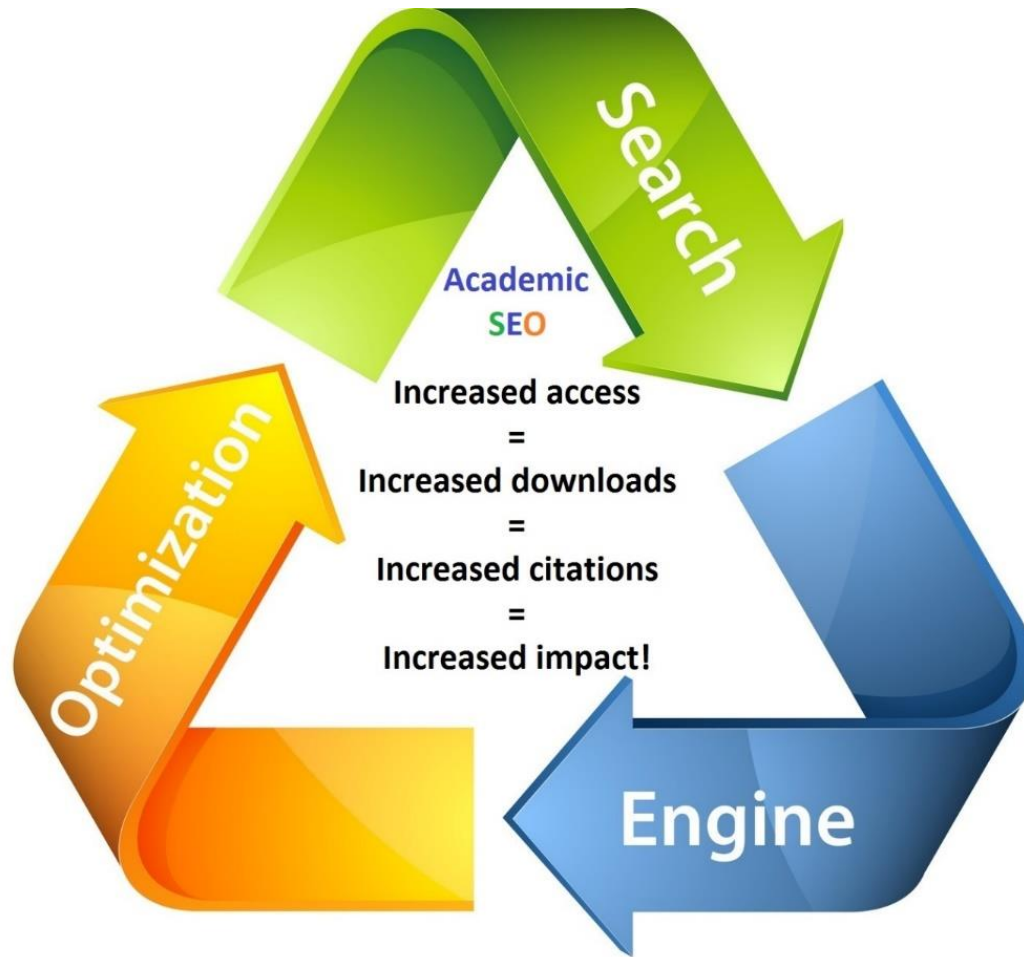


Assign keyword terms to
the manuscript

Wiley Online Library Traffic Sources



Source: <https://www.wiley.com/legacy/wileyblackwell/pdf/SEOforAuthorsLINKSrev.pdf>



Ale Ebrahim, Nader, Optimize Your Article for Search Engine (December 23, 2014). University of Malaya Research Bulletin, Vol. 2, No. 1, 23, December 2014. Available at SSRN: <http://ssrn.com/abstract=2588209>

9 Tips to Select a Research Brand Name

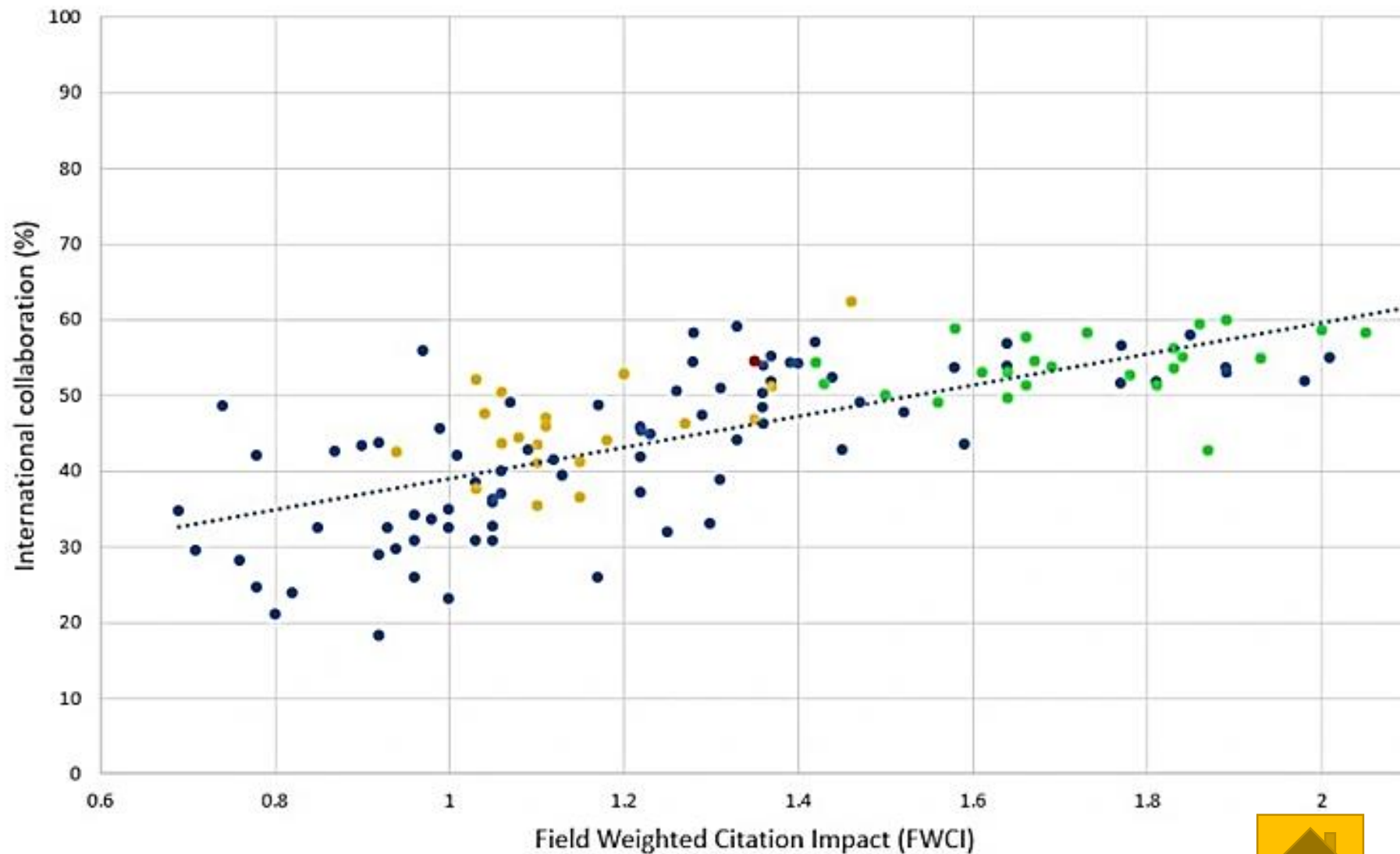
1. **Make it unique (invent your own research brand name)**
2. **Ensure you can make it Web-Friendly**
3. **Make it memorable**
4. **Ensure you can repeat in your publication's title and abstract**
5. **Test #**
6. **Pick a brand name that everybody is curious to know more about**
7. **Be careful not to choose a brand name that is too broad in scope**
8. **Can machine (like Cortana & Siri) spell it?**
9. **Make sure you can protect the research brand name**



Publish with
international authors

International collaboration

Based on author affiliations on publications from 2014-2019



Source: <https://researchandinnovationportsmouth.com/2019/09/06/international-collaboration-and-publication-citations/>



Use academic social
networks



Stanford University

Stanford, CA, United States

Overview

Contributions

Departments

Σ il **189,132.47**

Total RG Score

from

18,566

Members

328,321

Publications



Universiti Teknologi Malaysia

Johor Bahru, Johor, Malaysia

Overview

Contributions

Departments

Mem

Σ il **42,887.00**

Total RG Score

from

14,375

Members

34,021

Publications

Add t

Source: <https://www.researchgate.net/institution/Stanford-University>

Source: <https://www.researchgate.net/institution/Universiti-Teknologi-Malaysia>



Make an online CV.



Avoid unethical
approaches



Source: http://wiki.lib.sun.ac.za/index.php/SUNScholar/Research_Article_Metrics

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NEWS • 14 AUGUST 2020

Signs of 'citation hacking' flagged in scientific papers

An algorithm developed to spot abnormal patterns of citations aims to find scientists who have manipulated reference lists.

Source: Van Noorden, Richard. "Signs of citation hacking flagged in scientific papers." *Nature* 584.7822 (2020): 508-508, doi: <https://doi.org/10.1038/d41586-020-02378-2>



nature

Subscribe



NEWS FEATURE • 19 AUGUST 2019

Hundreds of extreme self-citing scientists revealed in new database

Some highly cited academics seem to be heavy self-promoters – but researchers warn against policing self-citation.



Richard Van Noorden & Dalmeet Singh Chawla

Source: Van Noorden, R., & Chawla, D. S. (2019). Hundreds of extreme self-citing scientists revealed in new database. *Nature*, 572(7771), 578-580. doi: <https://doi.org/10.1038/d41586-019-02479-7>



Q&A





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Malaysia-Japan
International
Institute of Technology
(MJIT)



Thank you

Nader Ale Ebrahim, PhD

Research Visibility and Impact Consultant



@[aleebrahim](#)



aleebrahim@gmail.com



@aleebrahim



<https://publons.com/researcher/1692944>
<http://scholar.google.com/citations>



All of my presentations are available online at:
https://figshare.com/authors/Nader_Ale_Ebrahim/100797



My recent publication

1. Zhang, B., Rahmatullah, B., Wang, S. L., Zhang, G., Wang, H., & Ale Ebrahim, N. (2021). A Bibliometric of Publication Trends in Medical Image Segmentation: Quantitative and Qualitative Analysis. *Journal of Applied Clinical Medical Physics*, 1-21. doi: <https://doi.org/10.1002/acm2.13394>
2. Ghorbani, Z., Kargaran, S., Saberi, A., Haghighinasab, M., Jamali, S. M., & Ale Ebrahim, N. (2021). Trends and patterns in digital marketing research: bibliometric analysis. *Journal of Marketing Analytics*, Accepted. doi: <https://doi.org/10.1057/s41270-021-00116-9>
3. Alireza Habibi, Maryamossadat Mousavi, Seyedh Mahboobeh Jamali & Nader Ale Ebrahim (2021) A bibliometric study of medical tourism, *Anatolia*, DOI: [10.1080/13032917.2021.1954042](https://doi.org/10.1080/13032917.2021.1954042)
4. Chen, W., Ahmed, M. M., Sofiah, W. I., Isa, N. A. M., Ale Ebrahim, N., & Hai, T. (2021). A Bibliometric Statistical Analysis of the Fuzzy Inference System - based Classifiers. *IEEE Access*, 9, 77811-77829. doi: <https://dx.doi.org/10.1109/ACCESS.2021.3082908>
5. Benkari, N., Jamali, S. M., Caldieron, J. M., & Ale Ebrahim, N. (2021). Research Trends in Vernacular Architecture: A bibliometric study. *ISVS e-journal*, 8(2), 72-91. doi: <https://doi.org/10.6084/m9.figshare.14607585.v1>
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