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"Choosing the Right Publication Journal for Your Manuscript"

Academic Writing Center, Institut Teknologi Sepuluh Nopember (ITS), Indonesia

Friday 20 May 2022



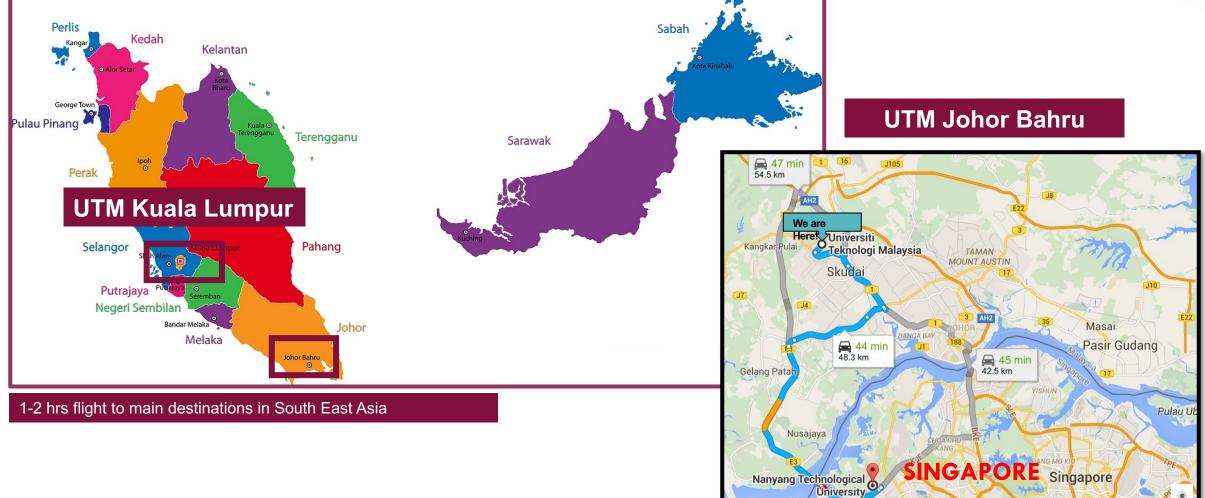
### **MALAYSIA - INDONESIA**





### UTM Location











## Why publications are important?

- 1 Thesis submission requirement.
- Being able to publish shows that you actually know what you are doing and that you have the potential of advancing your field.
- 3 Bonus for being hired.
- 4 PhD by publications.

## Why else do we publish?



- To pass on the knowledge we have gained.
- To prove the novelties.
- To make our publication lists look more impressive.
- To increase our academic prestige.
- To secure further funding.
- To get a promotion.

"If your research is not published in a journal, then it does not exist"





- Scope of Journal
- Indexing
- Impact Factor
- Publication frequency
- Publication history
- Rejection rate



## What is an indexed journal?

- A journal is Indexed when its bibliographic and citation information is included by the citation data supplier.
- For "Research University" the citation data supplier is Scopus & Web of Science.





- A journal's "impact factor" is an annual measure of the extent to which articles in that journal are cited.
- In a given year, the impact factor of a journal is the average number of citations received per paper published in that journal during the two preceding years.
- For example, if a journal has an impact factor of 3 in 2008, then its papers published in 2006 and 2007 received 3 citations each on average in 2008.





- Citation is the process of acknowledging or citing the author, year, title, and locus of publication (journal, book, or other) of a source used in a published work
- How much is your article really worth?

## Structure of a manuscript



- 1. Title
- 2. Author(s) & Affiliation
- 3. Keywords
- 4. Abstract
- 5. Introduction
- 6. Materials and Methods
- 7. Results and Discussion
- 8. Conclusion
- 9. Acknowledgement
- 10. References

## 1. Title



#### What your paper is all about:

- Concise and relevant to the subject matter
- Attract the reader's attention
- Avoid abbreviations

### 2. Authors



- Who should be included as authors and who should be the corresponding author?
- Authors' names and affiliations

### 3. Abstract



- The abstract should be short and precise
- Selling point of the paper
- A summary of the work
- Objective, methodology and significant results
- No figure, table or reference
- Avoid technicalities, symbols
- About 200 words should be sufficient

## 4. Keywords



- The keywords should reflect the subject matter of the manuscript in the same way the title of the manuscript should
- Most of the keywords may already present in the title or in the abstract
- The number of keywords should not be more than five
- Use only established abbreviations (i.e. DNA)

### 5. Introduction



- The introduction serves as an orientation for readers, giving them the perspective they need to understand the detailed information coming in later sections
- The introduction section should contain a review of up to date literature
- This section should explain the novelty of the work
- It should also discuss the objective and significance of the work
- This section should not normally exceed four typed pages (double spaced)





- First Stage: general statements about field of research to provide the reader with a setting for the problem to be reported.
- Second Stage: More specific statements about the aspects of the problem already studied by other researchers.
- Third Stage: Statements that indicate the need for more investigation.
- Fourth Stage: Very specific statements giving the purpose/objectives of the writer's study.
- Fifth Stage: Optional statements that give values or justification for carrying out the study.





Third Stage: Statements that indicate the need for more investigation – Missing Information

#### **Examples:**

- However, few studies have reported on the effects of computer assisted instruction
- But there is little information available on the air flow rates on simple flat plate solar collectors
- Until now, investigations of the influence of polypropylene matrix MFI on the flammability characteristics of the composites with lignocellulosic materials have not been carried out





Fourth Stage: Very specific statements giving the purpose/objectives of the writer's study.

#### **Examples:**

Even though a lot of work has been reported on the flammability of polymers, very little work has been reported on the flammability of the composites. The objective of this paper is to study the effects of Mg(OH)2 on the flammability and mechanical properties of wood/natural fibre composites.





Fourth Stage: Very specific statements giving the purpose/objectives of the writer's study.

#### **Examples:**

Even though a lot of work has been reported on the flammability of polymers, very little work has been reported on the flammability of the composites. The objective of this paper is to study the effects of Mg(OH)2 on the flammability and mechanical properties of wood/natural fibre composites.

In this paper, in order to understand the main mechanisms that contributed to the improvement of phosphoric acid stabilized bentonite and lateritic soils, the time-dependent changes occurring in the molecular structure of treated soils were investigated.





- The description should be detail enough for others to repeat the theory/experiment/methods
- The equipment and materials must be adequately described
- The measurements must be clearly described



### 7. Results and Discussion

- Results and discussions section is the most important part of the manuscript in which critical analysis of the results are done.
- Sufficient number of Figures and Tables with good quality





- The conclusion section should include very important points describing the important findings of the work
- This section should re-inforce the originality of the work presented
- Should be consistent with the objectives highlight the achievements



## 9. Acknowledgement

 The acknowledgement is used to give credit to the funding authorities of the research work, collaborators or other colleagues whose names do not appear as co-authors but had made some contribution in producing the material for the manuscript

# 10. References



- Harvard
- Numbering



# How Many Pages for A Manuscript?

4-50 (or can be up to 500!)





- Traditional submission (by mail)
- As e-mail attachment
- Via a journal Web site online submission

**❖**Inclusion of a cover letter (traditional or electronic)

### **Cover Letter**



- Title and author(s) of paper
- Type of submission (full length article/ technical note)
- Fact that the paper is new and not being submitted elsewhere
- Why the paper is important
- Some possible peer reviewers (some journal request that)





- Initial screening by the Editor
- Peer review process





- For appropriateness of subject matter
- For compliance with instructions
- For overall quality (sometimes)





When a paper arrives at a journal's editorial office, a few things can happen

- 1. The editor reviews the paper her/himself
- 2. The editor assigns Peer Reviewers

### **Peer Review**



#### **Purposes:**

- To help the editor decide whether to publish the paper
- To help the authors improve the paper, whether or not the journal accepts it

#### Some ways peer reviewers are identified:

References, literature searching, editors' knowledge, databases, authors' suggestions





- It may take from 1 week to 6 months or even years!
- One to four reviewers along with editorial comments
- Decision from Editor: Accept/Reject/Revise (Minor/Major)
- Corrections by production dept
- Proof preparation for checking by authors
- In press/queue/article published
- Completion (vol, issue, page number, year)

## What Does A Reviewer Check?



- Originality
- Structure
- Language





#### (1) Originality

- Is the article sufficiently novel and interesting to warrant publication?
- Does it add to the canon of knowledge?
- Is the research question an important one?

### What Does A Reviewer Check?



#### (2) Structure

- Key elements: abstract, introduction, methodology, results, conclusion.
- Flow of materials & clarity of expression
- i. Title Does it clearly describe the article?
- ii. Abstract Does it reflect the content of the article?
- iii. Introduction Does it describe what the author hoped to achieve accurately, and clearly state the problem being investigated?

## What Does A Reviewer Check?



#### (iv) Methodology

- Does it accurately explain how the data was collected?
- Is the design suitable for answering the question posed?
- Have the equipment and materials been adequately described?
- Does the article make it clear what type of data was recorded?
- Has the author been precise in describing the measurements?





### (v) Results

Figure & Tables should be consistent with the text Clear photograph/ quality of graph

### (vi) Conclusion/Discussion

Are the claims in this section supported by the results?

Do they seem reasonable?

Have the authors indicated how the results relate to expectations and to earlier research?

Does the article support or contradict previous theories?

Does the conclusion explain how the research has moved the body of scientific knowledge forward?





(3) Language - Is the language acceptable?

#### A COMMENT FROM AN EDITOR

"[This] paper fell well below my threshold. I refuse to spend time trying to understand what the author is trying to say.

Besides, I really want to send a message that they can't submit garbage to us and expect us to fix it.

My rule of thumb is that if there are more than grammatical errors in the abstract, then I don't waste my time carefully reading the rest."





### (4) Previous Research

- If the article builds upon previous research, does it refer to that work appropriately?
- Are there any important works that have been omitted?
- Are the references accurate?





#### (5) Ethical Issues

- Plagiarism: if you suspect that an article is a substantial copy of previous work/s, let the editor know. Please cite the previous work/s.
- Fraud: it is very difficult to detect the determined fraudster, but if you suspect that the results in an article to be untrue let the editor know explaining why you believe the results to be fraudulent.

### **Editors and Reviewers Recommendation**



#### **ACCEPTED**

- In its present form
- After a minor revision
- After a major revision

#### **NOT ACCEPTED**

- No contribution at all
- Not enough contribution
- Outside the scope of the journal



### Some Advice

- Be prepared for rejection and don't take it too hard.
   Remember that very few papers are immediately accepted.
- Resubmit your paper if the journal wanted to accept it with changes. Alternatively, if the journal rejects it, send it to another journal (and upgrade the paper whenever possible).
- Always respond promptly, politely, and completely yet concisely.



### **Revision Stage**

- Revise and submit promptly.
- Include a letter/note detailing what revisions were made.
- If you disagree with any comment by the reviewers explain the reason clearly.
- If any point raised by the referee is not clear, please communicate with the referee through the editor.
- **❖** Make sure only the corresponding author do the communication!!





From: Advances in Mathematics (ELS) <aim@elsevier.com>

To: nhs@utm.my

Subject: ADVANCES IN MATHEMATICS Submission - Manuscript Number Assigned

Ref: AIM-11-2561

Title: On the nonabelian tensor square and capability of groups of order 8q

Authors: Nor Haniza Sarmin, Professor; Samad - Rashid, Ph.D student; Nor Muhainiah Ali, Assoc

**Prof; Ahmad Erfanian, Professor** 

Dear Dr Sarmin,

This is to acknowledge, with thanks, receipt of your manuscript submitted to Advances in Mathematics. It has now been assigned the manuscript number AIM-11-2561.

• You will be able to check on the progress of your paper by logging on to Elsevier Editorial System as an author.

The URL is http://ees.elsevier.com/aim/.

Thank you for submitting your work to this journal.





#### **Dear Niza**

I acknowledge receipt of your new version. I have checked it myself, and you have dealt with all of the referee's comments, so I can now recommend acceptance.

Thank You.

Best regards, Derek Holt.



### **Correction Stage – An Example**

Editorial Office Archiv der Mathematik, Universitat des Saarlandes, Saarbrucken, Germany

Journal title: Arch. Math.

**Article No: ADM\_13270** 

Attached is the annotated PDF file. In this file we have added notes after lines 24 and 142 for Figure 1 to be transferred to the right place.

We thank you very much for your kind cooperation and consideration in publishing this article.



## Possible Reasons for Rejection

- Not in the scope of the journal
- A long backlog/queue
- Not enough contribution
- Results are not noble





Dear Prof. Sarmin,

The editors of "name of journal" already inspected your paper "title" together with "co-author".

Unfortunately, I have to inform you that they decided to reject it because it is too specialized to fit in the profile of a general journal like "name of journal". Our aim is to publish high quality papers interesting for a broad mathematical audience.

Perhaps you can try a more specialized journal

Perhaps you can try a more specialized journal.

#### One editor said:

"It is a technical paper, devoted to some interesting calculations that would certainly be publishable, but it is too specialized for "name of journal". Although we have to disappoint you in this matter, we thank you for your interest in our journal."





# Based on your list of references.

#### REFERENCES

- 1. Erdos, P. and Turan, P. On Some Problem of A Statistical Group Theory IV. *Acta Mathematica Academiae Scientiaruin Hungaricae*. 1968. 19(3-4): 413–435.
- 2. MacHale, D. Commutativity in Finite Rings. *The American Mathematical Monthly*. 1976. 83(1): 30–32.
- Khasraw, S. M. S. What is The Probability That Two Elements of A Finite Ring Have Product Zero?. 2018. Preprint.
- 4. Sherman, G. What is the Probability an Automorphism Fixes a Group Element? *The American Mathematical Monthly.* 1975. 82(3): 261–264.
- Erfanian, A., Rezaei, R. and Lescot, P. On the Relative Commutativity Degree of A Subgroup of A Finite Group. <u>Communications in Algebra</u>. 2007. 35: 4183– 4197.
- Omer, S. M. S., Sarmin, N. H., Moradipour, K. and Erfanian, A. The Probability that an Element of a Group Fixes a Set and the Group Act on Set by Conjugation. *International Journal of Applied Mathematics and Statistics*. 2013. 32(2): 111– 117.





Based on your list of keywords.





### Plan for publication

- of at least a review paper during the first semester
- in conferences (once a year/ every semester?)
- in SCOPUS journals
- in Qi/WoS journals

#### Plan for

attending a publication workshop





## Research planning - Master by Research

		Semester 1 Semester 2 Se							eme	ster 3	j								
No.	Project Activities				Year														
		2016 2017									20	18							
		S	О	N	D	J	F	M	A	M	J	J	A	S	О	N	D	J	F
1	Literature study of group theory, commutativity degree and its generalization																		
2	Obtaining the elements of the set $\Omega$ , orbits and probability that an element of								•										
	a group fixes a set for nonabelian metabelian group of order 24																		
3	Obtaining the elements of the set $\Omega$ , orbits and probability that an element of												٠						
	a group fixes a set for nonabelian metabelian group of order less than 24																		
4	Literature study of graph theory								Т			П							
5	Construction the consultred conjugacy class such and obtain the absence																	$\vdash$	_
3	Constructing the generalized conjugacy class graph and obtain the chromatic								١.										
6	number and clique number for nonabelian metabelian groups of <b>order 24</b>															•		$\vdash$	-
6	Constructing the generalized conjugacy class graph and obtain the chromatic															•			
	number and clique number for nonabelian metabelian groups of order less																		
	than 24																	$\vdash$	
7	Writing thesis report and submission for viva																	•	
Tech	nology Transfer Activities																		
1	Writing up first assessment proposal and presentation								•										
2	Presentation in conferences		•			•		•					٠						
			1			2		3					4						
3	Publication in proceedings/ journals			•		•			•										
				5		6			7										



# Research planning (Gantt chart) - PhD

No.	Research Activities	Years																															
			20:		_						201	_					4		1	_			19		_			4			2020		
		S	0	N	D	J	F	M į	ΑļΙ	М	J .	J	Α :	S	ווס	NI	)   1	F	M	I A	М	J	J	Α	S	0	N	۱ ا	F	М	Α	М	1 1
1.	Literature review on concepts of DNA, splicing systems and formal language theory.																ı																
2.	Generalise the splicing languages resulting for DNA splicing systems with palindromic and non-palindromic restriction enzymes.									•																							
3.	Develop a graphical user interface for DNA splicing system with palindromic and non-palindromic restriction enzymes by using C++ visual programming.														•																		
4.	Construct the graphical representation for the generalisations of DNA splicing systems with palindromic and non-palindromic restriction enzymes via automata and graph theory.																ı				•												
5.	Verify the model of DNA splicing system with palindromic and non-palindromic restriction enzymes through in vitro experiments.																													•			
6.	Thesis writing, presentation and submission													I															Г				•
Tech	nology Transfer Activities																																
1.	Papers for conference proceedings									1, 2	3	4 5	5, 6			7												T					
2.	Publication of research paper(s) in indexed and non-indexed journals										8, 9			8																			
3.	Exhibition			10										1	11																		





## **Attending research conferences**







proceedings







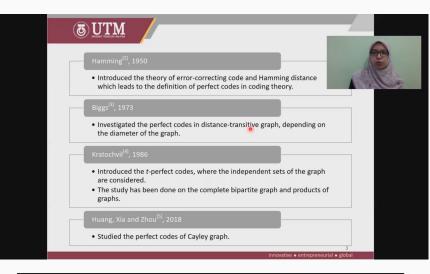




**Presentation** 



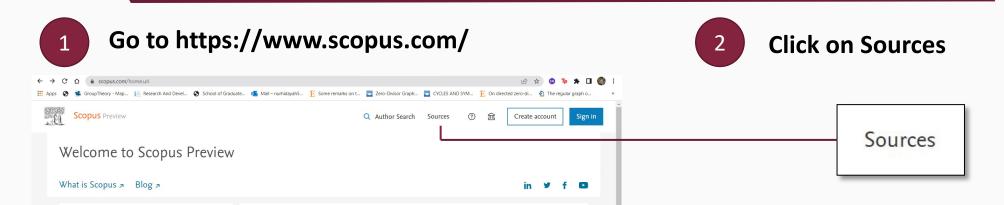
Publication in journal







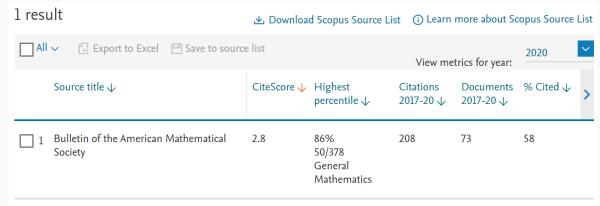
### How to identify Scopus-indexed journals



Select 'Title' and enter the journal's title



View the result. If the result does not appear, means the journal is not Scopus indexed

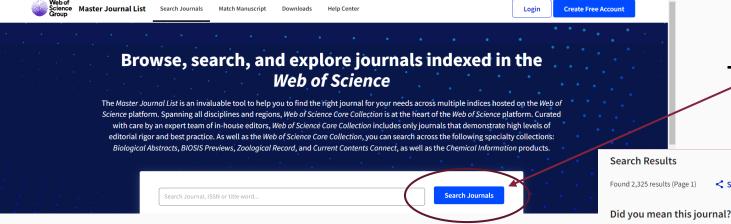


### How to identify WoS-indexed journals



(Using Web of Science Master Journal List)

1 Go to https://mjl.clarivate.com/



2

Type the journal name/ ISSN number, and click Search Journals



If the journal is WoS-indexed, the result will appear (usually together with some other similar journals)



#### Other Possible Matches

Share These Results



### How to identify WoS-indexed journals



(Using personal/institutional subscription to Clarivate)

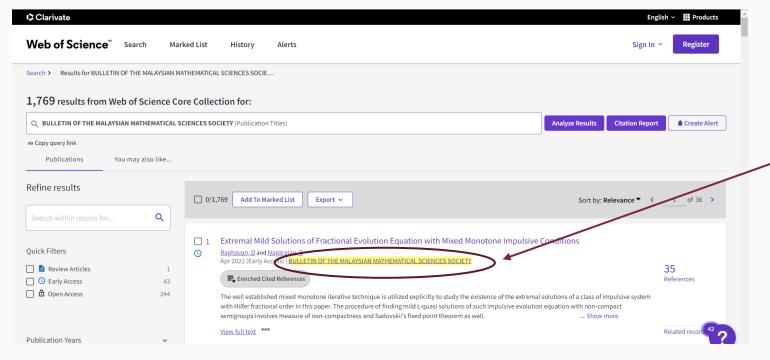
Clarivate English v Products Go to Web of Science<sup>™</sup> Marked List Register www.webofscience.com Discover multidisciplinary content from the world's most trusted global citation database. **DOCUMENTS** RESEARCHERS Search in: Web of Science Core Collection > Editions: All > DOCUMENTS CITED REFERENCES In the 'All Fields' tab, choose All Fields Example: liver disease india singh 'Publication Titles' + Add row + Add date range **Advanced Search** Fill in the title of journal and click 'Search'

## How to identify WoS-indexed journals

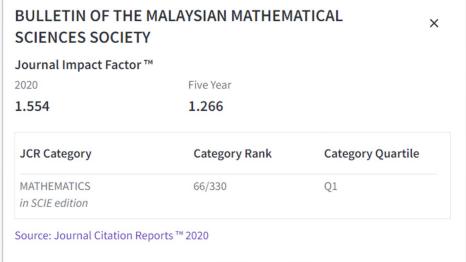


(Using personal/institutional subscription to Clarivate)

Articles published in the journal will appear, indicating that the journal is WoS-indexed.



Click on the journal's title for more detailed information on the indexing (IF & Q)



\*If the journal's title cannot be clicked, it means that the journal is WoS-indexed without IF and Q.



## **High Impact Factor Journals**



**Impact Factor of Nature** (31.434) and **Science** (28.103)



## **Impact Factor of Some Physics Journals**

Nature	31.434
Science	28.103
<b>Rev Mod Phys</b>	23.672
<b>Adv Phys</b>	13.952
Phys Rep	12.645
<b>Phys Rev Lett</b>	7.523
<b>Nucl Phys B</b>	5.409
Phys Today	5.000
Phys Rev D	4.358
<b>Appl Phys Lett</b>	4.207
Phys Rev B	3.327
Phys Rev A	2.986
Phys Rev C	2.848
Phys Rev E	2.397
J Appl Phys	2.281
EPJ E	2.188
EPJ B	1.741

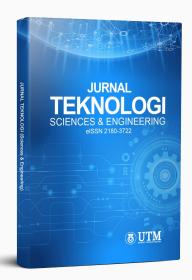


# List of Journals in Your University

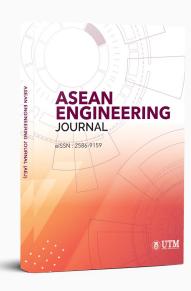


## Some of Journals in Universiti Teknologi Malaysia

https://penerbit.utm.my/list-of-journal/



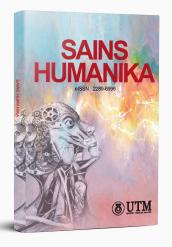




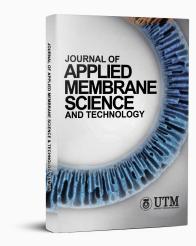
**Scopus** 

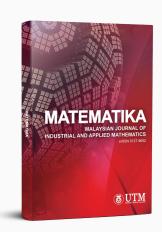


Scopus



**TIM** 







# List of Malaysian Journals (Science)

Name of journal	University	Indexed
Bulletin of the Malaysian Mathematical Sciences Society	Universiti Sains Malaysia	WoS (Q1)
Journal of Physical Science	Universiti Sains Malaysia	WoS
Malaysian Journal of Science	Universiti Malaya	-
Malaysian Journal of Mathematical Sciences	Universiti Putra Malaysia	WoS
Pertanika Journal of Science and Technology	Universiti Putra Malaysia	WoS
Jurnal Teknologi	Universiti Teknologi Malaysia	WoS, Scopus
Malaysian Journal of Fundamental and Applied Sciences	Universiti Teknologi Malaysia	WoS
Malaysian Journal of Industrial and Applied Mathematics (MATEMATIKA)	Universiti Teknologi Malaysia	WoS
Malaysia Journal of Analytical Science	Universiti Kebangsaan Malaysia	Scopus
Sains Malaysiana	Universiti Kebangsaan Malaysia	WoS (Q4), Scopus
Journal of Science and Mathematics Letters	Universiti Perguruan Sultan Idris	-
Scientific Research Journal	Universiti Teknologi Mara	-
Journal of Science and Technology	Universiti Tun Hussein Onn	-

56

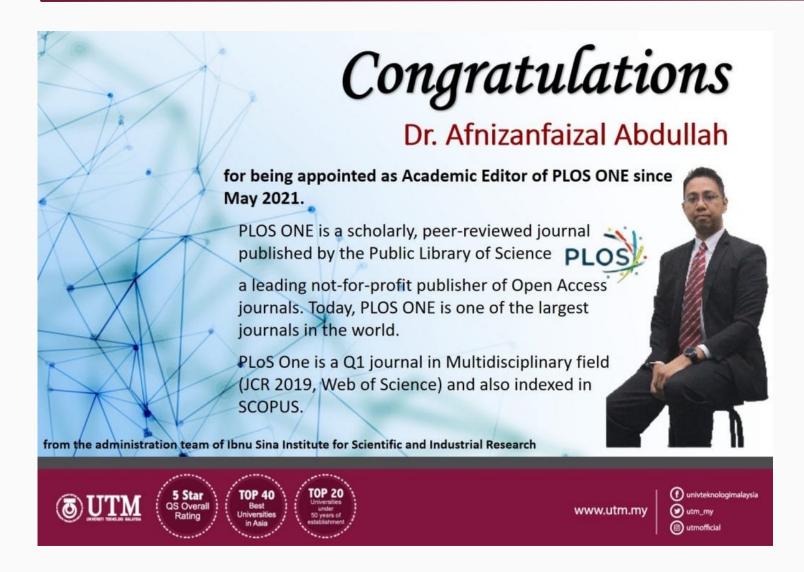
### **Famous Publishers**



- Cambridge University Press
- Springer Nature
- Sage
- Wiley
- Oxford University Press
- Elsevier
- Taylor & Francis Group
- CRC Press
- Frontiers
- PLOS

## **PLOS**









Pro – Easy Access to all, High IF

Con - Article Processing Fee



THANK YOU



https://people.utm.my/nizasarmin/



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Niza Sarmin



Niza Sarmin



Niza Sarmin



In the name of God for Mankind www.utm.my

Credit: Nurhidayah Zaid