



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

Publication Workshop
Department of Mathematical Sciences

Tips & Tricks to Get Published

Wednesday
8 May 2024

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Innovating Solutions



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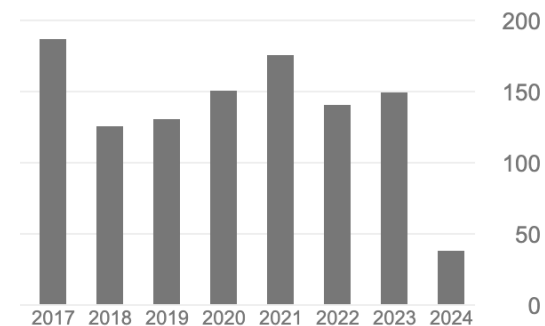
[Group Theory](#) [Splicing Systems and Their ...](#)

TITLE	CITED BY	YEAR
A multi-criteria collaborative filtering recommender system for the tourism domain using Expectation Maximization (EM) and PCA-ANFIS M Nilashi, O bin Ibrahim, N Ithnin, NH Sarmin Electronic Commerce Research and Applications 14 (6), 542-562	252	2015
Two-generator two-groups of class two and their nonabelian tensor squares LC Kappe, MP Visscher, NH Sarmin Glasgow Mathematical Journal 41 (3), 417-430	77	1999
Ordered semigroups characterized by $(\)$-fuzzy generalized bi-ideals A Khan, YB Jun, NH Sarmin, FM Khan Neural Computing & Applications 21 (1), S121-S132	46	2012
The probability that an element of a group fixes a set and the group act on set by conjugation SMS Omer, NH Sarmin, A Erfanian, K Moradipour International Journal of Applied Mathematics and Statistics 32 (2), 111-117	35	2013

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Citations	1703	786
h-index	16	10
i10-index	38	10



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0 articles

2 articles

not available

available

WHY PUBLICATIONS ARE IMPORTANT?

Why publications are important? (for students)

1 Thesis submission requirement.

2 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.

5 University Award.

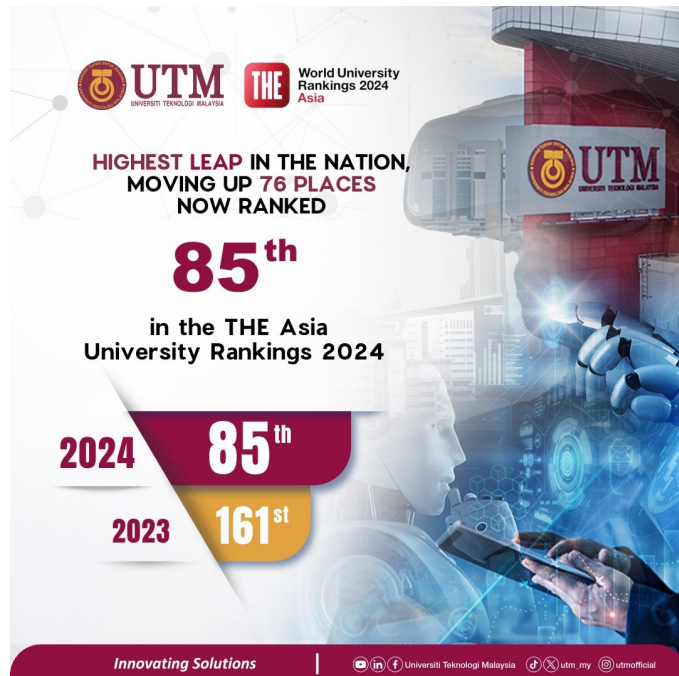
6 To be the “first” author.

Why publications are important? (for staff)

Why publications are important? (for university)

1

University Ranking

UTM THE World University Rankings 2024 Asia

HIGHEST LEAP IN THE NATION,
MOVING UP 76 PLACES
NOW RANKED

85th
in the THE Asia
University Rankings 2024

2024 **85th**
2023 **161st**

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UTM Faculty of Science QS WORLD UNIVERSITY RANKINGS by subject

Congratulations
Faculty of Science

Ranked in QS World University Rankings by Subject 2024

» **TOP 200**
Environmental Sciences
Materials Sciences
Mathematics

» **TOP 250**
Chemistry

» **TOP 300**
Physics and Astronomy

» **TOP 450**
Biological Sciences

In Malaysia **#2**
Mathematics
Physics and Astronomy

In Malaysia **#Joint 2**
Environmental Sciences
Materials Sciences

In Malaysia **#Joint 3**
Chemistry

In Malaysia **#5**
Biological Sciences

From the Management Team and Staff
Faculty of Science

QS STARS RATING SYSTEM
QS WORLD UNIVERSITY RANKINGS TOP 40 Best Universities in Asia

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QS WORLD UNIVERSITY RANKING INDICATORS

Indicator	Weightage (%)	Details	Methodology
Academic Reputation (AR)	40	<ul style="list-style-type: none"> ▪ The Academic Reputation is a key component in the QS World University Rankings®, bearing a weighting of 40% in the Overall score. ▪ The results are drawn from the extensive annual global survey conducted by QS among academics. ▪ Essentially, each respondent selects those institutions he/she considers to be the best in his/her areas of expertise. ▪ For score calculation purposes, international nominations are given a higher weighting than domestic (85% versus 15%), which means that more internationally focused institutions, even if they receive a lower or equal number of nominations as another, could score higher. 	Survey conducted by QS
Employer Reputation (ER)	10	<ul style="list-style-type: none"> ▪ The Employer Reputation component is unique amongst current international evaluations in taking into consideration the important component of employability. ▪ The majority of undergraduate students leave university in search of employment after their first degree, making the reputation of their university amongst employers a crucial consideration. ▪ The QS Global Employer Survey attracted 44,884 responses that were used in the 2020 edition of the rankings. A major difference with the academic exercise is that, starting with the 2018 edition, the international and domestic nominations are equally weighted in this case, reflecting the historical dominance of national and local responses in this survey. 	Survey conducted by QS
Citation per Faculty (CF)	20	<ul style="list-style-type: none"> ▪ Since 2004 the QSWUR has adopted the Citations per Faculty member ratio to measure and compare the research performance of institutions worldwide. ▪ This indicator contributes 20% to the overall Rankings score, being one of the key components. ▪ It is calculated using data from Scopus by Elsevier, the world's largest abstract and citation database of peer-reviewed literature, which contains 22,800 titles from more than 5,000 publishers worldwide. The database includes over 70 million records, with 16 million author profiles. 	Elsevier's Scopus database

QS WORLD UNIVERSITY RANKING INDICATORS (cont.)

Indicator	Weightage (%)	Details	Methodology
Faculty Student Ratio (FSR)	20	<ul style="list-style-type: none"> Students to Faculty Ratio is, at present, the only globally comparable and available indicator that has been identified as a proxy measure to evaluate teaching quality. Although it is clearly not as satisfactory as the qualitative classroom evaluation used domestically in countries with developed higher education statistics, the ratio offers insight into the level of 'commitment to teaching' of an institution, which should correlate strongly with the quality of teaching. The indicator is entirely calculated using data submitted by institutions and thoroughly validated by the QS Research team. Where information is not available, QS uses data from highly reliable third-party databases, particularly official statistical agencies and/or national higher education authorities. 	Data submitted by institution
International Faculty (IF)	5	<ul style="list-style-type: none"> An important aspect to consider is that a more international faculty staff usually has a positive influence not only in the teaching area, but also in research, as international often bring know-how and expertise that may contribute to enrich the domestic academic capital and facilitate the expansion of international research collaboration networks. In due time, this may have a positive effect on rankings by boosting the quality of research output and leading towards a reinvigorated average citations rate. 	Data submitted by institution
International Student (IS)	5	<ul style="list-style-type: none"> The proportion of international students is, perhaps, the most obvious outcome of an institution's ability to showcase its areas of excellence on a global and regional scale. The degree of internationalisation of an institution is often a result of a concerted and sustained effort to appeal to students from a variety of nationalities. However, the general environment offered by the place where each university is located also plays an important role. 	Data submitted by institution

Why else do we publish?

**“If your research is not published in a journal,
then it does not exist”**

What are the criteria of choosing a journal?

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

How to Choose the Right Journal?

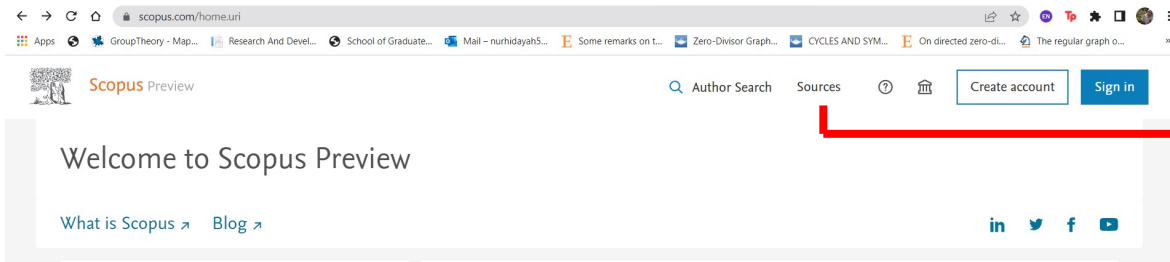
Based on your list of references

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.
3. 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.
5. Erfanian, A., Rezaei, R. and Lescot, P. On the Relative Commutativity Degree of A Subgroup of A Finite Group. *Communications in Algebra*. 2007. 35: 4183–4197.
6. 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.

How to Identify Scopus-indexed Journals?

1 Go to <https://www.scopus.com/>



2 Click on Sources



3 Select 'Title' and enter the journal's title

Sources

Enter title

Subject area
Title
Publisher
ISSN

methodology to ensure a more robust, stable and comprehensive metric which impact, earlier. The updated methodology will be applied to the calculation for all previous CiteScore years (ie. 2018, 2017, 2016...). The previous CiteScore values have been removed and are no longer available. [View CiteScore methodology.](#)

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

1 result

[Download Scopus Source List](#) [Learn more about Scopus Source List](#)

All

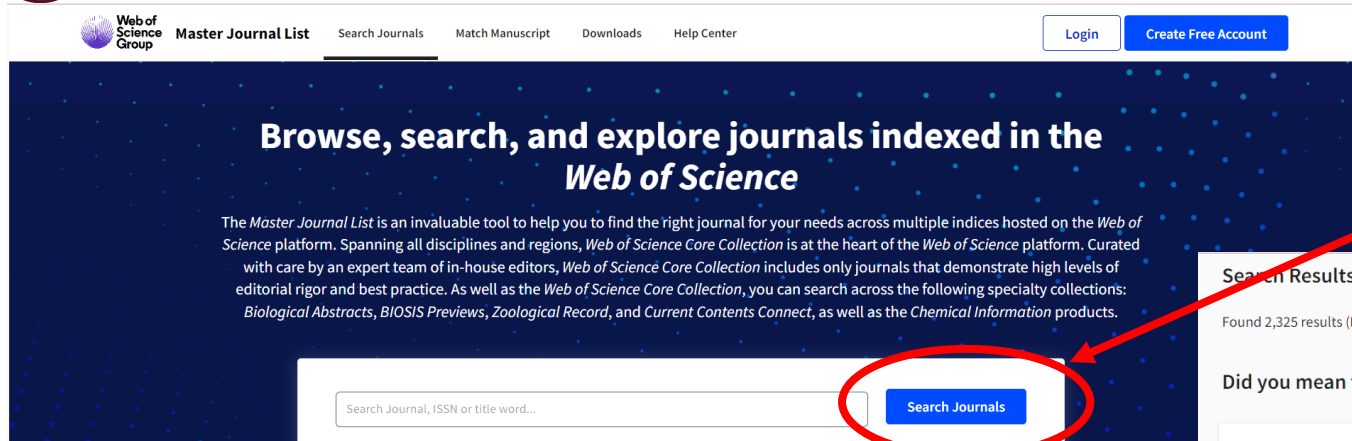
View metrics for year: 2020

	Source title ↓	CiteScore ↓	Highest percentile ↓	Citations 2017-20 ↓	Documents 2017-20 ↓	% Cited ↓
<input type="checkbox"/> 1	Bulletin of the American Mathematical Society	2.8	86% 50/378 General Mathematics	208	73	58

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

3

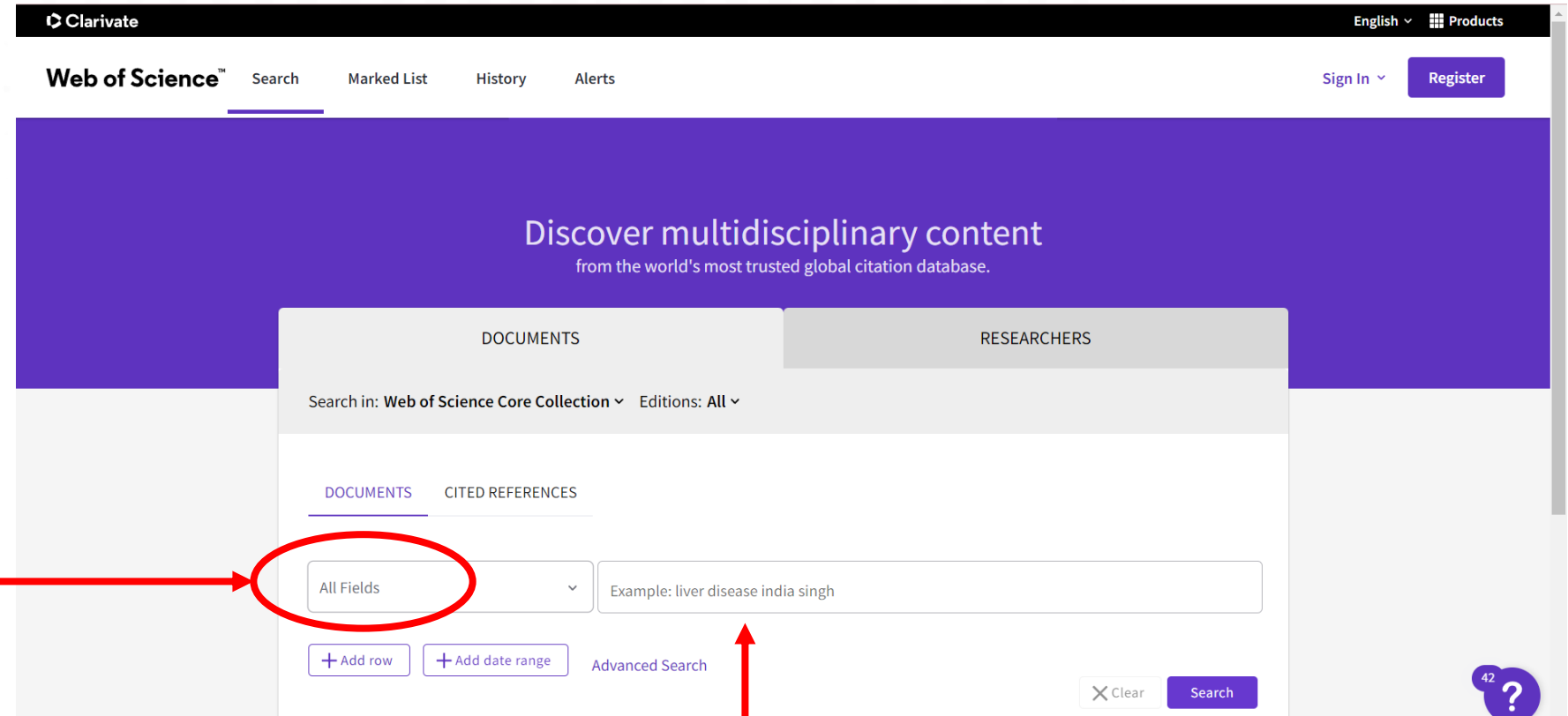
If the journal is WoS-indexed, the result will appear
(usually together with some other similar journals)

How to Identify WoS-indexed journals?(cont.)

(Using personal/institutional subscription to Clarivate)

1 Go to
www.webofscience.com

2 In the 'All Fields' tab,
choose
'Publication Titles'

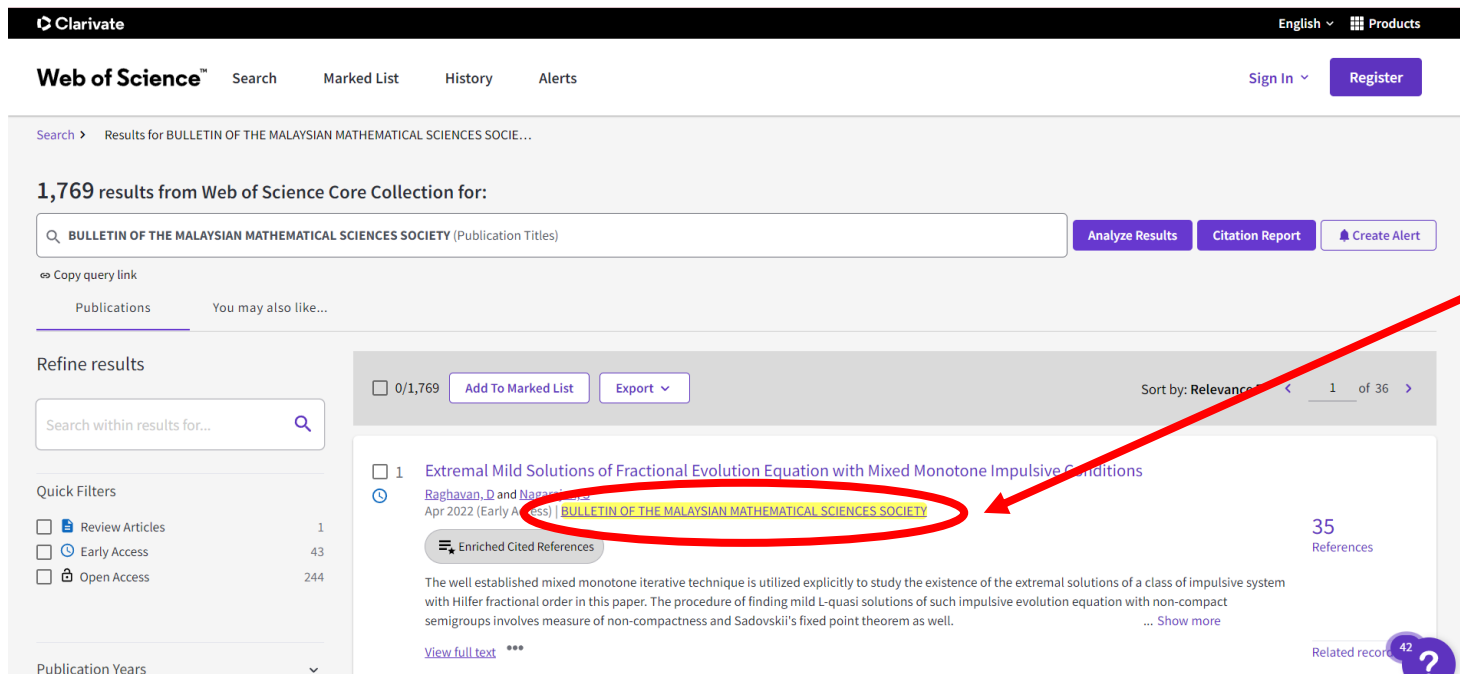


3 Fill in the title of journal and click 'Search'

How to Identify WoS-indexed journals?(cont.)

(Using personal/institutional subscription to Clarivate)

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



The screenshot shows the Clarivate Web of Science interface. The search results for 'BULLETIN OF THE MALAYSIAN MATHEMATICAL SCIENCES SOCIETY' are displayed. A red circle highlights the journal title 'BULLETIN OF THE MALAYSIAN MATHEMATICAL SCIENCES SOCIETY' in the search results, with a red arrow pointing to it from the adjacent callout box.

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



The callout box displays the following information for the journal:

- BULLETIN OF THE MALAYSIAN MATHEMATICAL SCIENCES SOCIETY**
- Journal Impact Factor™**
2020: 1.554 (Five Year), 1.266
- JCR Category**: MATHEMATICS in SCIE edition
Category Rank: 66/330
Category Quartile: Q1
- Source: Journal Citation Reports™ 2020

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

List of Mathematics/Pure Mathematics Journals

Name of journal	Publisher	Indexed
Afrika Matematika	Springer	WoS (Q2), Scopus
Acta Mathematica Hungarica	Springer	WoS (Q2), Scopus
Indian Journal of Pure and Applied Mathematics	Springer	WoS (Q3), Scopus
Arabian Journal of Mathematics	Springer	WoS, Scopus
Archiv Der Mathematik	Springer	WoS (Q3), Scopus
Discrete Applied Mathematics	Elsevier	WoS (Q3), Scopus
Applied Mathematical Modelling	Elsevier	WoS (Q1), Scopus
Applied Mathematics and Computation	Elsevier	WoS (Q1), Scopus
Computers & Mathematics with Applications	Elsevier	WoS (Q1), Scopus
Applied Mathematics in Science and Engineering	Taylor & Francis Online	WoS
Communications in Algebra	Taylor & Francis Online	WoS (Q3), Scopus
Journal of Discrete Mathematical Sciences and Cryptography	Taylor & Francis Online	WoS , Scopus
AIMS Mathematics	AIMS Press	WoS (Q1), Scopus

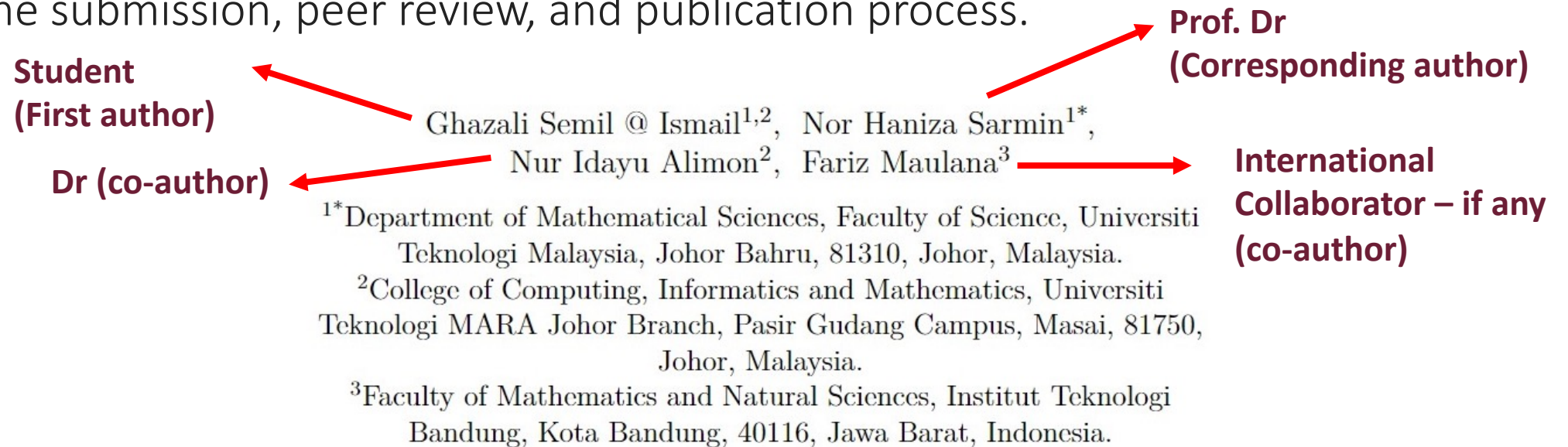
List of Malaysian Journals (Science)

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 (Q4), Scopus
Pertanika Journal of Science and Technology	Universiti Putra Malaysia	WoS
Jurnal Teknologi	Universiti Teknologi Malaysia	WoS (Q3), Scopus
Malaysian Journal of Fundamental and Applied Sciences	Universiti Teknologi Malaysia	WoS (Q3), Scopus
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	-
Mathematical Sciences and Informatics Journal (MIJ)	Universiti Teknologi MARA	MyCite
Journal of Science and Technology	Universiti Tun Hussein Onn	-

Process of Submission

Who should be the corresponding author?

- **Supervisor** or senior researcher or group leader with some – or a lot of experience – in the submission and publishing process of scientific research
- The individual who takes **primary responsibility for communication** with the journal during the submission, peer review, and publication process.

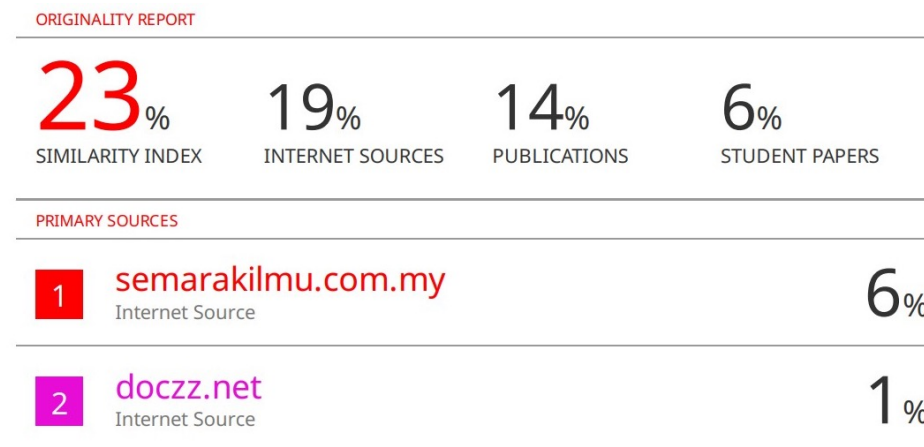


*Corresponding author(s). E-mail(s): nhs@utm.my;

Process of Submission (Cont.)

How to manage Turnitin?

- Turnitin is a tool commonly used to check for plagiarism in academic writing. (www.turnitin.com)
- Before submitting your manuscript, you should ensure that it meets the ethical standards regarding plagiarism.
- Make sure you acquaint yourself with the guidelines set by your journal regarding the utilization of Turnitin and verify that your manuscript aligns with these guidelines.



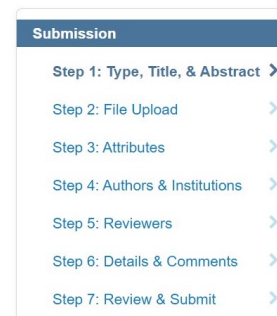
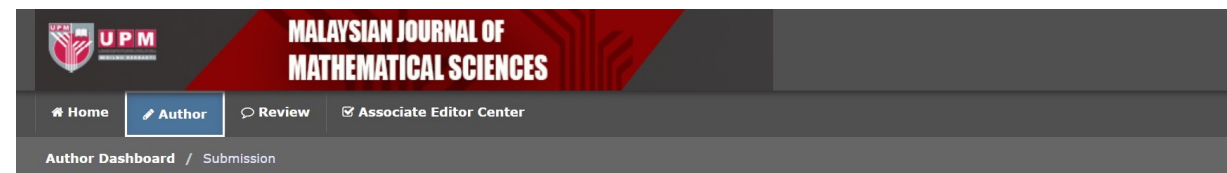
Process of Submission (Cont.)

Examples of journal's submission

- By email



- By online system



Step 1: Type, Title, & Abstract

Select your manuscript type. Enter your title, running head, and abstract into the appropriate boxes below. If you need to insert a special character, click the "Special Characters" button. When you are finished, click "Save and Continue." [Read More ...](#)

* = Required Fields

* Type:

CHOICE	TYPE
<input type="radio"/>	Original Article

Process of Submission (Cont.)

The length of the journal submission process

\$3690 ⓘ

Article publishing charge
for open access

2 days

Time to first decision

43 days

Review time

45 days

Submission to acceptance



View all insights



Journal of Pure and Applied Algebra

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Revisions Waiting for Author's Approval (0)
Revisions Being Processed (0)
Declined Revisions (0)

Completed

Submissions with a Decision (1)

Submissions with an Editorial Office Decision for Author

Page: 1 of 1 (1 total completed submissions)

Results per page 10

Action	Manuscript Number	Title	Initial Date Submitted	Status Date	Current Status	Date Final Disposition Set	Final Disposition
View Submission Author Status View Decision Letter Correspondence Send E-mail	JPAA-D-24-00086	The Vertex-Degree-Based Topological Descriptors of a Graph for Some Rings	Jan 29, 2024	Feb 03, 2024	Completed Reject	Feb 03, 2024	Reject

Process of Submission (Cont.)

Reviewers' comments

Paper has been rejected

Date: Apr 30, 2024
To: "Nor Haniza Sarmin" nhs@utm.my
From: "Journal of Computational Science" support@elsevier.com
Subject: Decision on submission to Journal of Computational Science

Manuscript Number: **JOCSCI-D-24-00740**
 The Vertex-Degree-Based Topological Descriptors of a Graph for Some Rings with MATLAB Programming Code

Dear Prof. Dr. Sarmin,

Thank you for submitting your manuscript. Regretfully, we cannot publish it in Journal of Computational Science.

It is our policy to decline a substantial proportion of manuscripts without sending them to referees so that they may be sent elsewhere without further delay. Such decisions are made by the editorial team when it appears that manuscripts do not contain results suitable for publication in Journal of Computational Science.

For alternative journals that may be more suitable for your manuscript, please refer to our Journal Finder (<http://journalfinder.elsevier.com>).

We appreciate you submitting your manuscript to Journal of Computational Science and thank you for giving us the opportunity to consider your work.

Kind regards,
 Valeria Krzhizhanovskaya
 Editor-in-Chief
 Journal of Computational Science

Reviewer D:
 Recommendation: Accept Submission

Rate the Graphical Abstract :

Not Provided

The subject addressed in this article is worthy of investigation

Yes

Paper has been accepted

The information presented was new

Yes

Generally the image, figure and table

Good

Scientific approach, rigor and quality

Good

Clarity and conciseness of the report

Preliminaries

The concepts and definitions of ring theory, graph theory, and topological index are briefly described in this section.

Definition 1 [22] Zero Divisor of a Ring
 A nonzero element of a ring is said to be a zero divisor if the product of that nonzero element with another nonzero element of the ring is equal to zero.

The representation for the set of all zero divisors in a ring R is denoted by $Z(R)$ while the set of all nonzero zero divisors in R is represented by $Z^*(R)$.

Definition 2 [12] Zero Divisor Graph
 Assuming that $Z(R)^*$ represents the set of all nonzero zero divisors in a ring R , the zero divisor graph of R , denoted by $\Gamma(R)$, is a graph with vertices representing the nonzero zero divisors of R . The only way for this graph to have two distinct vertices a and b , that are adjacent to one another is if the equation $ab = ba = 0$.

Definition 3 [4] First Zagreb Index
 Let Γ be a connected graph. Then, the first Zagreb index of Γ is the sum of the degrees of vertices squared of Γ , written as:

change to: Two distinct vertices a, b are adjacent, if $ab = ba = 0$.

change to: is the sum of the degree of each vertex in the graph to the power of two

$$M_1(\Gamma) = \sum_{u \in V(\Gamma)} \text{deg}(u)^2$$

where $\text{deg}(u)$ represents the number of edges connected to vertex u .

Then handshaking lemma by Gunderson [24] stated that in any graph, the total sum of degrees of all vertices in a graph equals the **twice** of edges in the graph multiplied by two. The purpose of this is to establish the main result in the section that follows.

change to: number.

Lemma 1 [24] Handshaking Lemma
 For any graph Γ ,

$$\sum_{u \in V(\Gamma)} \text{deg}(u) = 2|E(\Gamma)|.$$

change to: please add the definition of connected graph before Ref [3]

Do's & Dont's for Journal Submissions

Do's:

- Read the guidelines thoroughly.
- Proofread your manuscript.
- Follow ethical guidelines.
- Include a cover letter (if necessary).
- Provide clear and concise figures and tables.
- Respond promptly to editor's queries.

Do's & Dont's for Journal Submissions (Cont.)

Dont's:

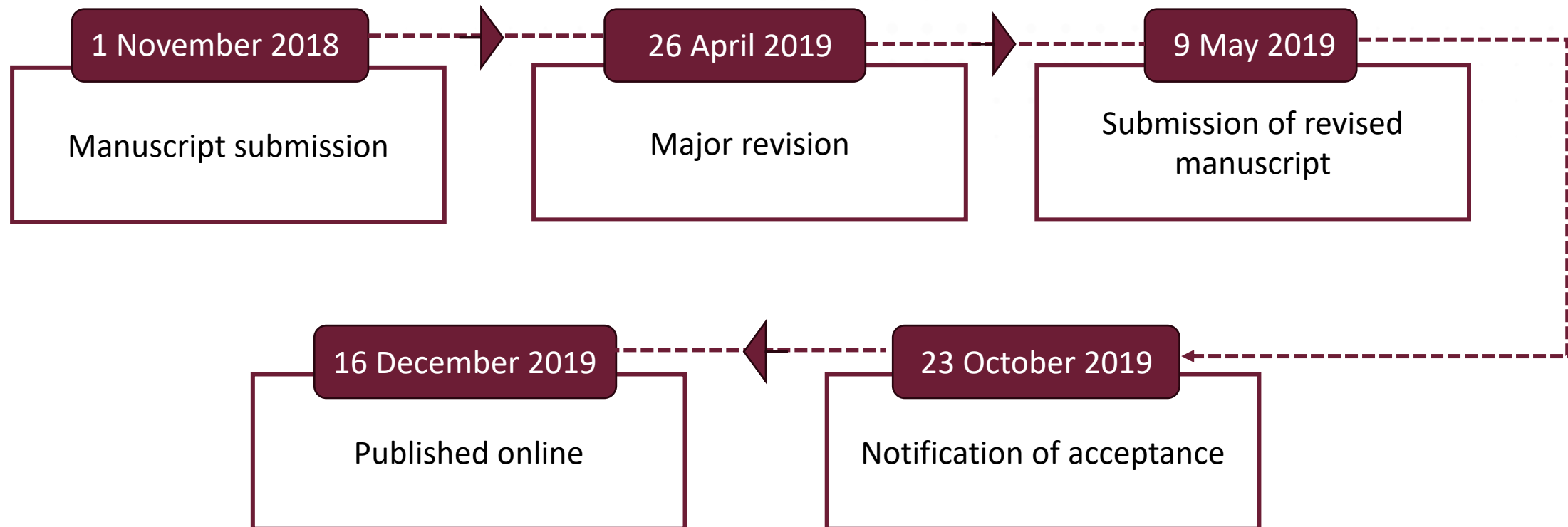
- Submit to Inappropriate Journals.
- Plagiarize or fabricate data.
- Exceed word limits.
- Omit required information.
- Ignore reviewer comments.
- Submit Without Final Approval.

Some Additional Tips for Journal Submissions

- Choose the right journal.
- Prepare a structured abstract.
- Check for journal-specific requirements.
- Highlight novelty and significance.
- Include supplementary material wisely.
- Follow ethical guidelines.
- Maintain version control.
- Prepare for peer review.
- Stay organized and patient.
- Seek feedback before submission.

Chronology/ Timeline : An Example

Submission to Bulletin of the Malaysian Mathematical Sciences Society (Q1)




History for Manuscript Number: BMMS-D-18-01005

Nor Haniza Sarmin (MALAYSIA): "Topological Indices of the Non-commuting Graph for Generalised Quaternion Group"

Close

Correspondence History

Correspondence Date ▲ ▼	Letter ▲ ▼	Recipient ▲ ▼	Revision ▲ ▼
23 Oct 2019	Editor Decision - Accept	Nor Haniza Sarmin, Ph.D.	1
14 May 2019	AU - Author Approves Changes	Nor Haniza Sarmin, Ph.D.	1
14 May 2019	AU - Revised PDF Built by Author	Nor Haniza Sarmin, Ph.D.	1
13 May 2019	AU - Return Submission after Technical Check	Nor Haniza Sarmin, Ph.D.	1
12 May 2019	AU - Author Approves Changes	Nor Haniza Sarmin, Ph.D.	1
12 May 2019	AU - Revised PDF Built by Author	Nor Haniza Sarmin, Ph.D.	1
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26 Apr 2019	Editor decision - Major Revision	Nor Haniza Sarmin, Ph.D.	0
01 Nov 2018	AU - Author Approves Changes	Nor Haniza Sarmin, Ph.D.	0
30 Oct 2018	AU - Original PDF Built by Author	Nor Haniza Sarmin, Ph.D.	0
25 Oct 2018	AU - Submission Sent Back to Author	Nor Haniza Sarmin, Ph.D.	0
09 Oct 2018	AU - Return Submission after Technical Check	Nor Haniza Sarmin, Ph.D.	0
08 Oct 2018	AU - Author Submission	Nor Haniza Sarmin, Ph.D.	0
08 Oct 2018	AU - Original PDF Built by Author	Nor Haniza Sarmin, Ph.D.	0



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Niza Sarmin



Niza Sarmin

In the Name of God for Mankind