

# Past Ten Years of Malaysian Science Journals

8th Asian Science Editors' Conference and Workshop  
2024 | 15-16 July 2024 | @Westin Jakarta



Zuraidah Abd Manaf, PhD  
Universiti Tunku Abdul Rahman  
zuraidahm@utar.edu.my

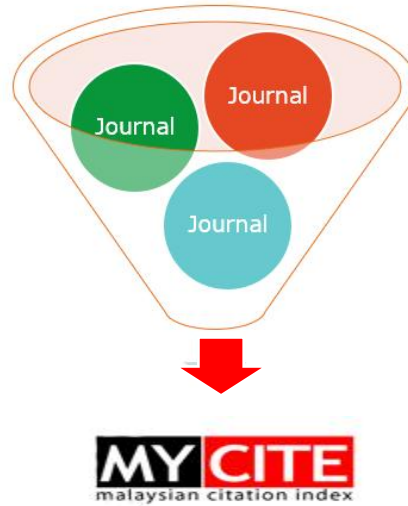


Zuriati Zakaria, PhD  
Institut Kimia Malaysia  
zuriatiz@gmail.com





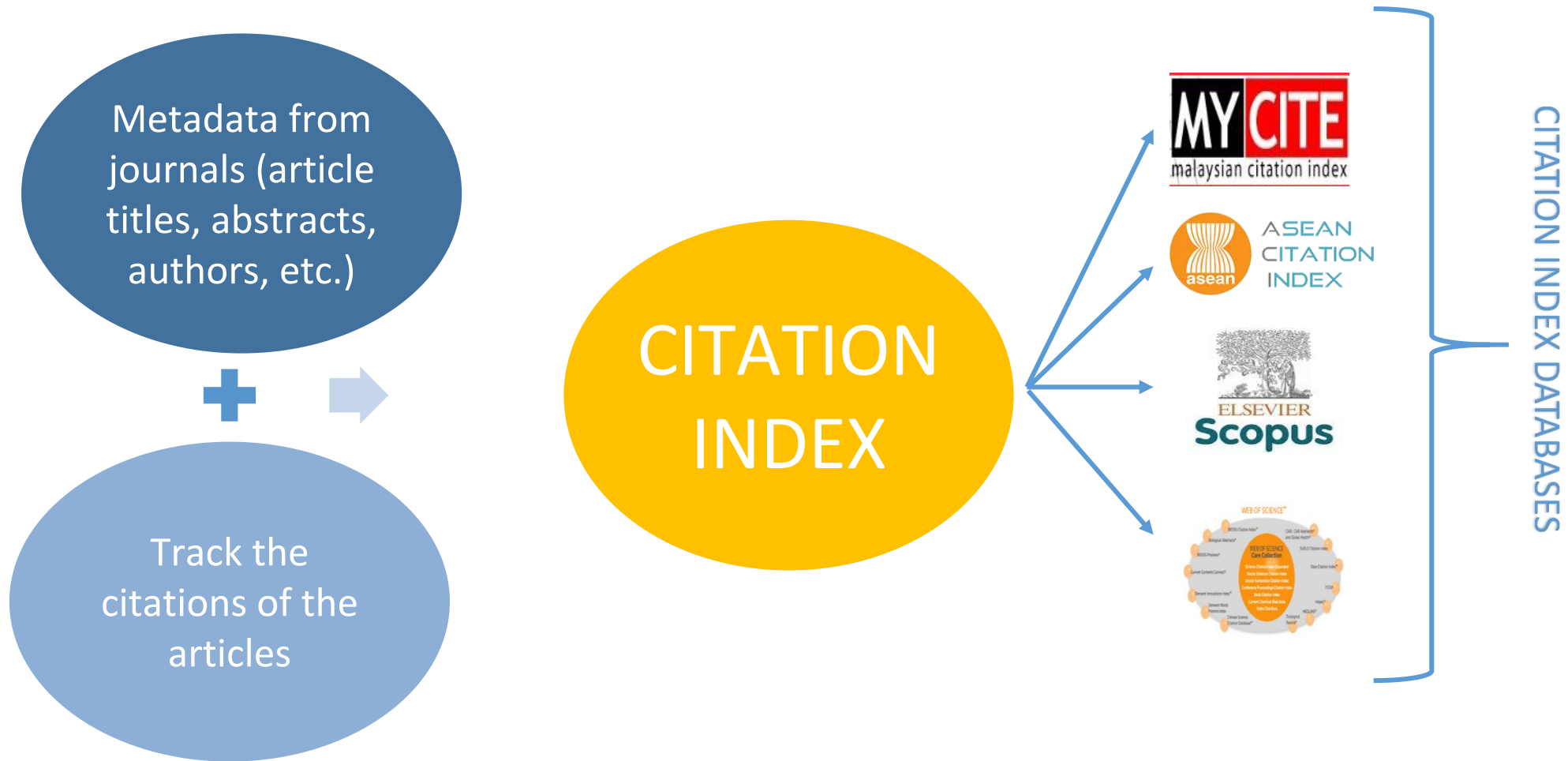
## MALAYSIA'S SCHOLARLY JOURNALS



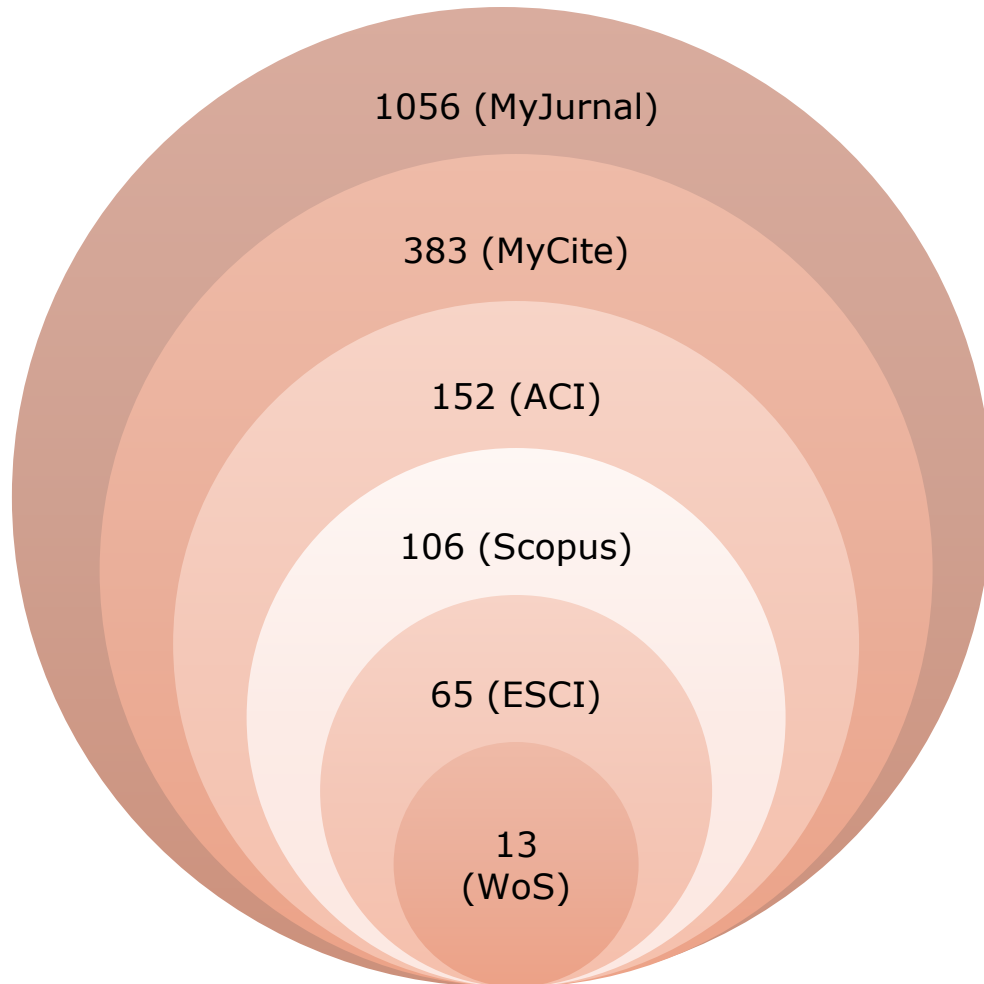
## MyJurnal

- MyJurnal is an open repository for articles published in Malaysian scholarly journals

MyCite is a Malaysian Citation Index platform that provides citation and bibliometric reports for selected Malaysian scholarly journals



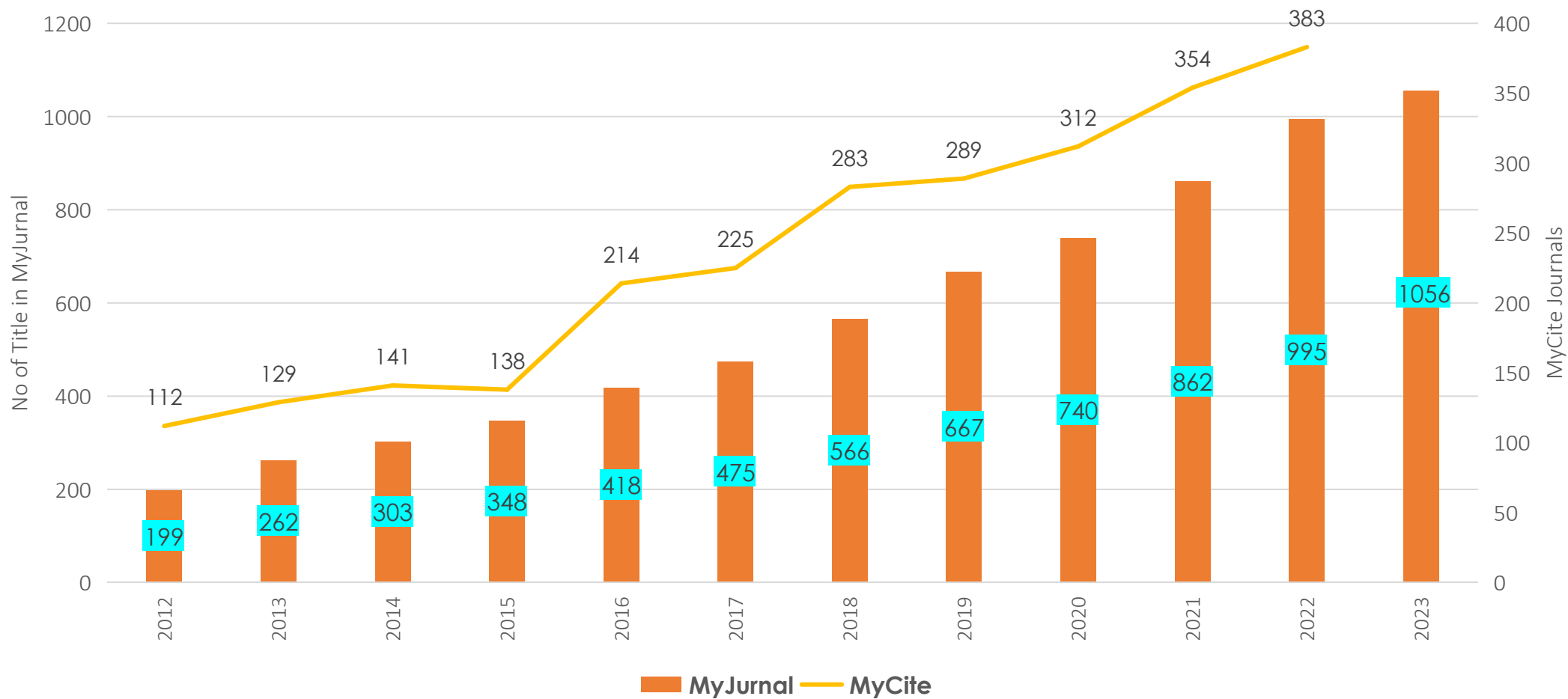
# Indexation of Malaysian Scholarly Journals (2024)



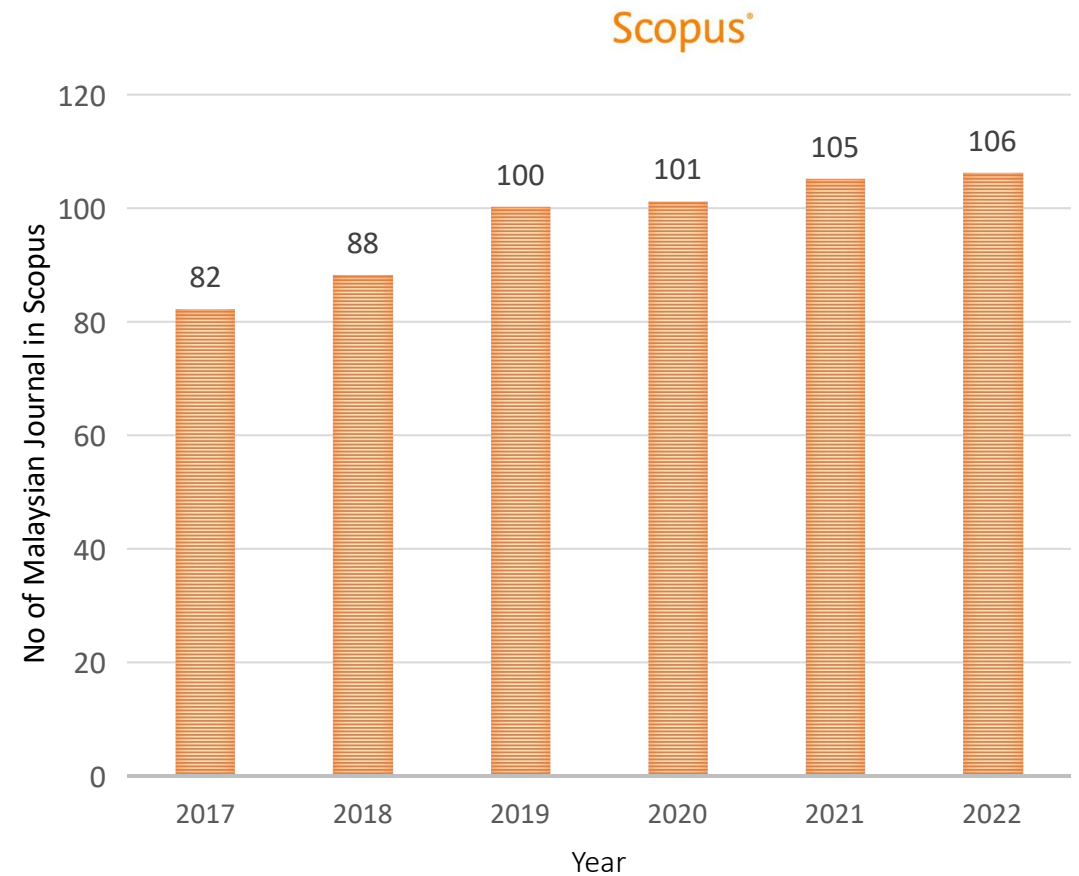
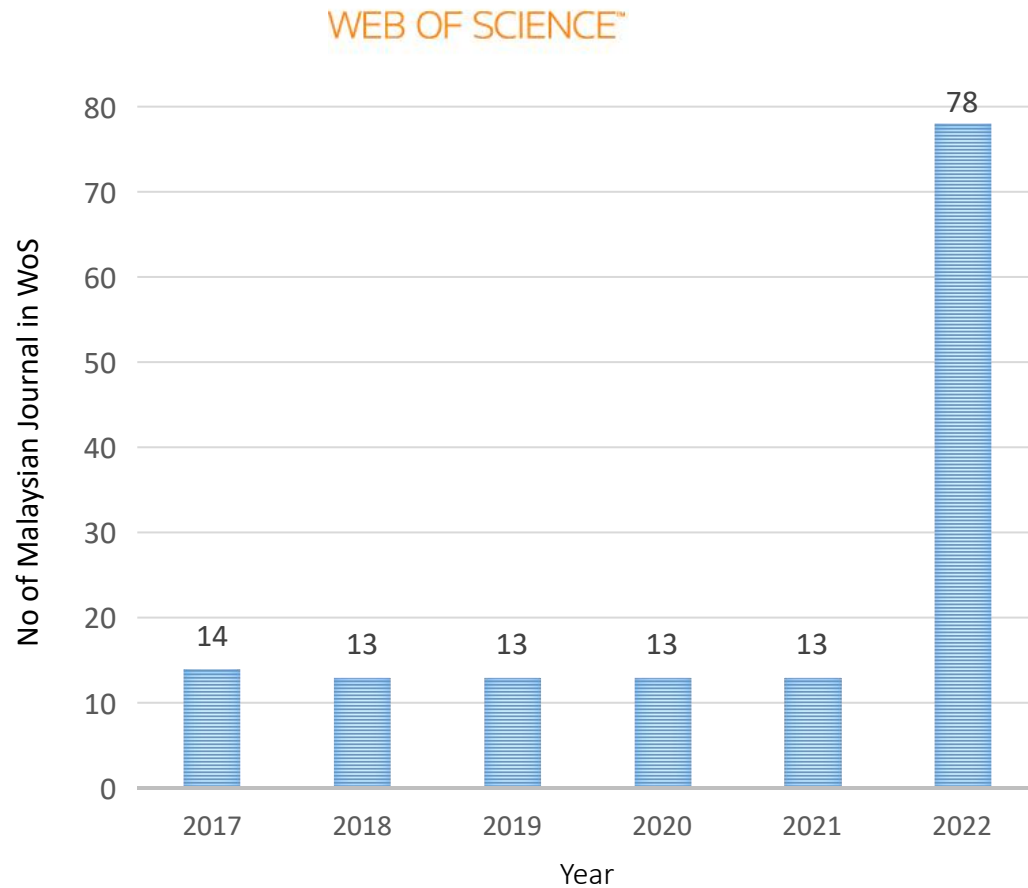
1056 journal titles  
registered in MyJurnal

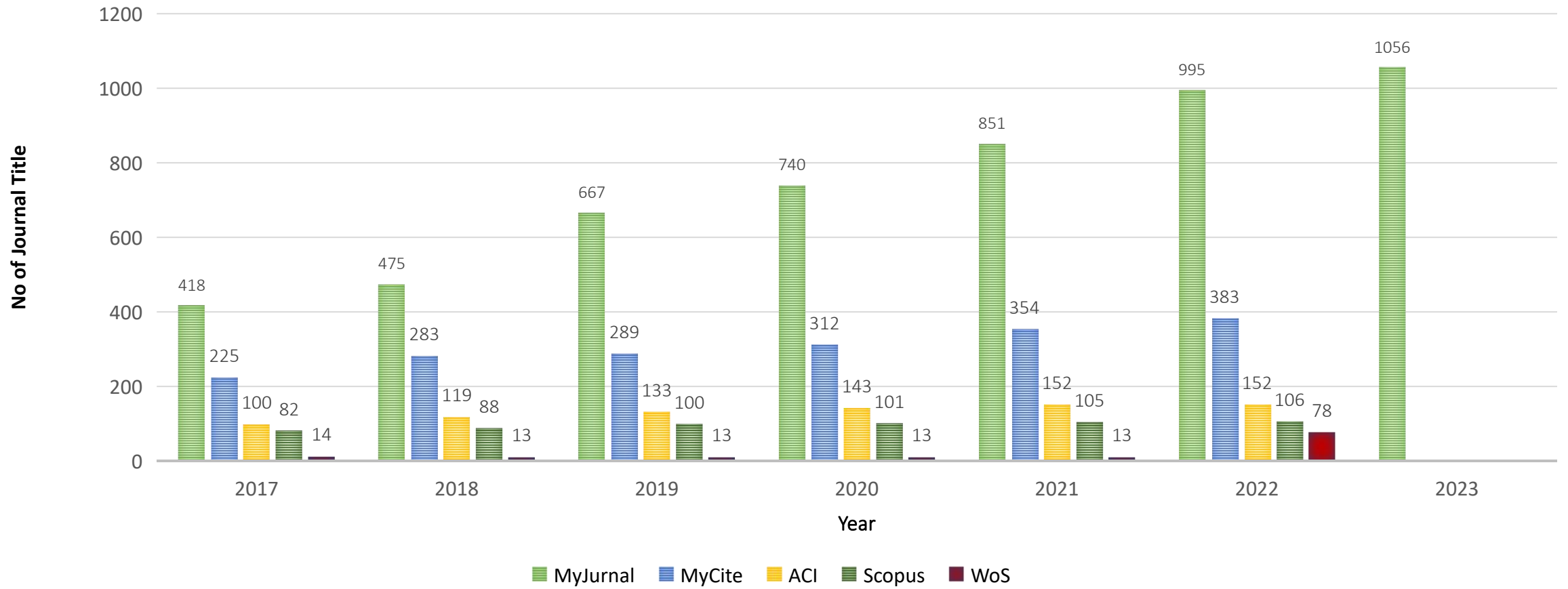
383 journal titles listed  
in MyCite

63.7% of Malaysian scholarly  
journals not listed in MyCite



## International (WoS dan SCOPUS)







## PERFORMANCE OF MALAYSIA'S SCHOLARLY OUTPUT

Scopus®

[zuraidahm@utar.edu.my](mailto:zuraidahm@utar.edu.my)





# 2018-2023 AT A GLANCE

Scopus®

## MALAYSIA'S GROWING SCHOLARLY OUTPUT

### Top 20 Institutions In Malaysia Ranked By Number Of Publications

| Scholarly Output                              | FWCI        |
|-----------------------------------------------|-------------|
| Universiti Sains Malaysia                     | 27,578 1.26 |
| University of Malaya                          | 27,298 1.4  |
| Universiti Kebangsaan Malaysia                | 25,562 1.23 |
| Universiti Teknologi Malaysia                 | 24,698 1.19 |
| Universiti Putra Malaysia                     | 24,391 1.05 |
| Universiti Teknologi MARA                     | 20,398 0.77 |
| Universiti Teknologi Petronas                 | 9,948 1.42  |
| Universiti Tun Hussein Onn Malaysia           | 9,717 0.89  |
| Universiti Malaysia Pahang Al-Sultan Abdullah | 9,023 1.22  |
| International Islamic University Malaysia     | 8,669 0.89  |
| Universiti Malaysia Perlis                    | 8,419 1.01  |
| Universiti Malaysia Terengganu                | 7,261 1.15  |
| Universiti Teknikal Malaysia Melaka           | 6,115 0.84  |
| Monash University Malaysia                    | 6,106 1.52  |
| Universiti Malaysia Sabah                     | 6,082 0.92  |
| University Utara Malaysia                     | 5,811 1.13  |
| Universiti Tunku Abdul Rahman                 | 4,903 1.19  |

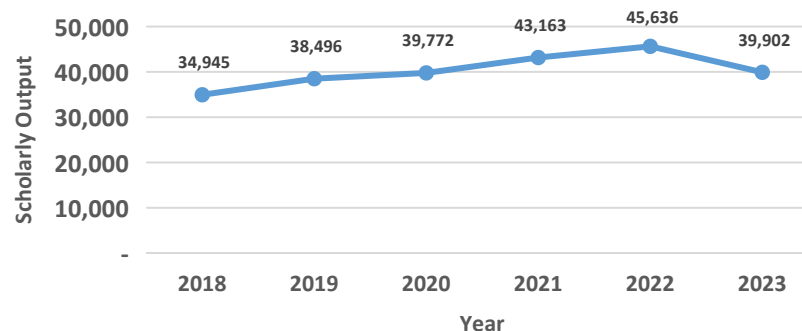
241,914

NUMBER OF SCHOLARLY OUTPUT BY  
MALAYSIAN INSTITUTIONS

2,132,564  
CITATION

1.14  
FWCI

No. of Scholarly Output



26.26% OF THE ASEAN'S SCHOLARLY OUTPUT

1.09% OF THE WORLD'S SCHOLARLY OUTPUT

### Quartile by CiteScore

| Scholarly Output    | % Scholarly Output Share |
|---------------------|--------------------------|
| Q1 (top 25%)        | 71,770 34.7              |
| Q2 (top 26% - 50%)  | 47,486 23.0              |
| Q3 (top 51% - 75%)  | 42,615 20.6              |
| Q4 (top 76% - 100%) | 44,739 21.7              |

### Top 5 Subject Areas Ranked by Q1 CiteScore

|                       |        |
|-----------------------|--------|
| Engineering           | 17,649 |
| Environmental Science | 12,309 |
| Computer Science      | 11,320 |
| Materials Science     | 10,708 |
| Social Sciences       | 10,382 |

### Top 5 Subject Areas Ranked by Q2 CiteScore

|                   |        |
|-------------------|--------|
| Engineering       | 10,046 |
| Medicine          | 8,615  |
| Materials Science | 6,985  |
| Social Sciences   | 6,282  |
| Computer Science  | 5,841  |



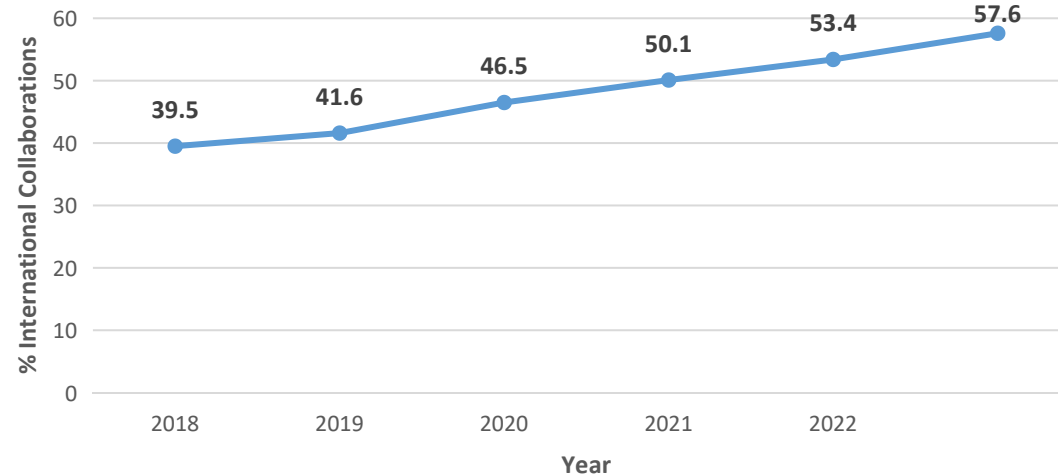
# 2018-2023 AT A GLANCE

Scopus®

217  
COLLABORATING  
COUNTRIES

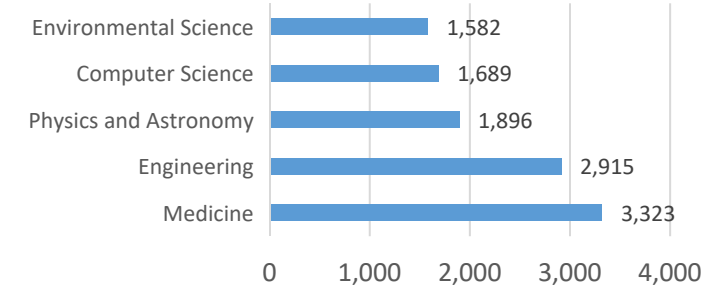
## COLLABORATION BY MALAYSIA

### INTERNATIONAL COLLABORATION

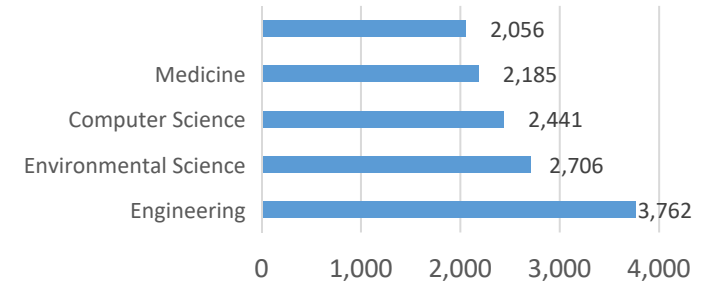


### TOP 5 SUBJECTS AREAS THAT MALAYSIA COLLABORATED IN, BY SELECTED COUNTRIES

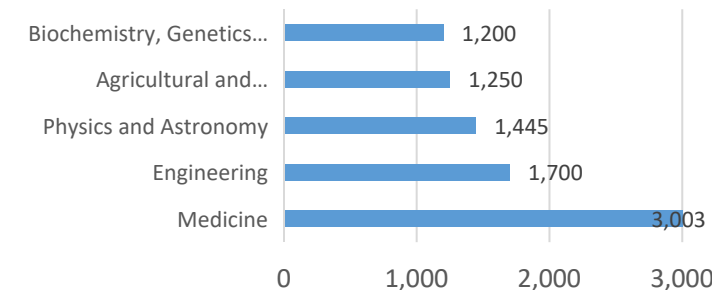
UNITED KINGDOM



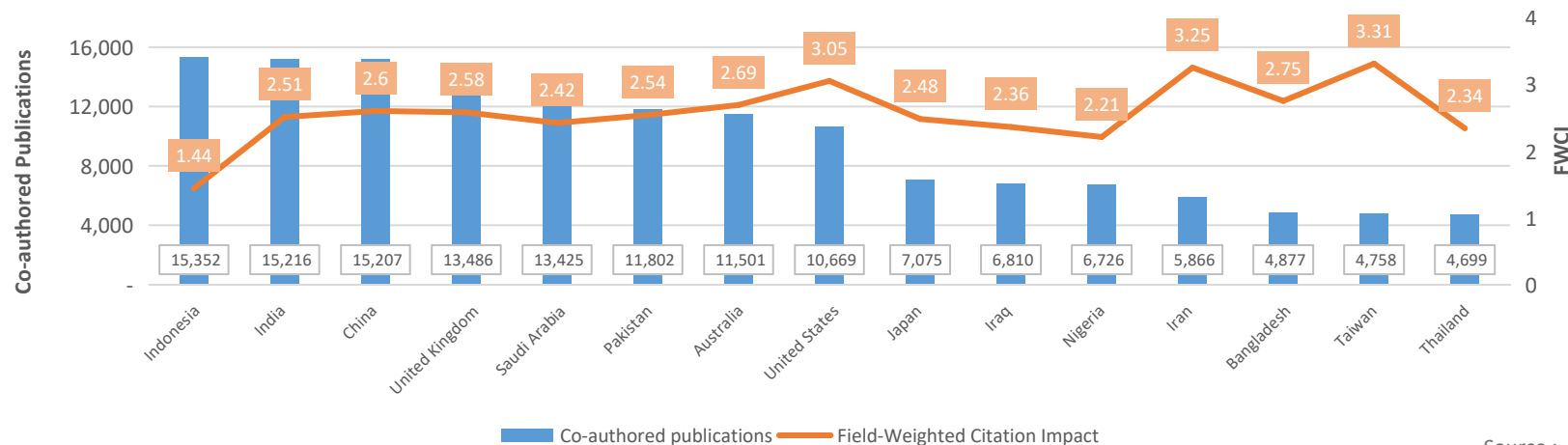
CHINA



UNITED STATES



### TOP 15 COUNTRIES COLLABORATING WITH MALAYSIA



# MAJOR CHALLENGES IN JOURNALS PUBLISHING

- Need to process submission at a faster pace
- Difficulty in finding suitable peer reviewers
- Increasing number of submissions once the journal has reputation
- Increase in the diversity of submissions, in terms of subject area and country of origin
- Need to identify and address increasing cases of misconduct
- Increased competition with other journals

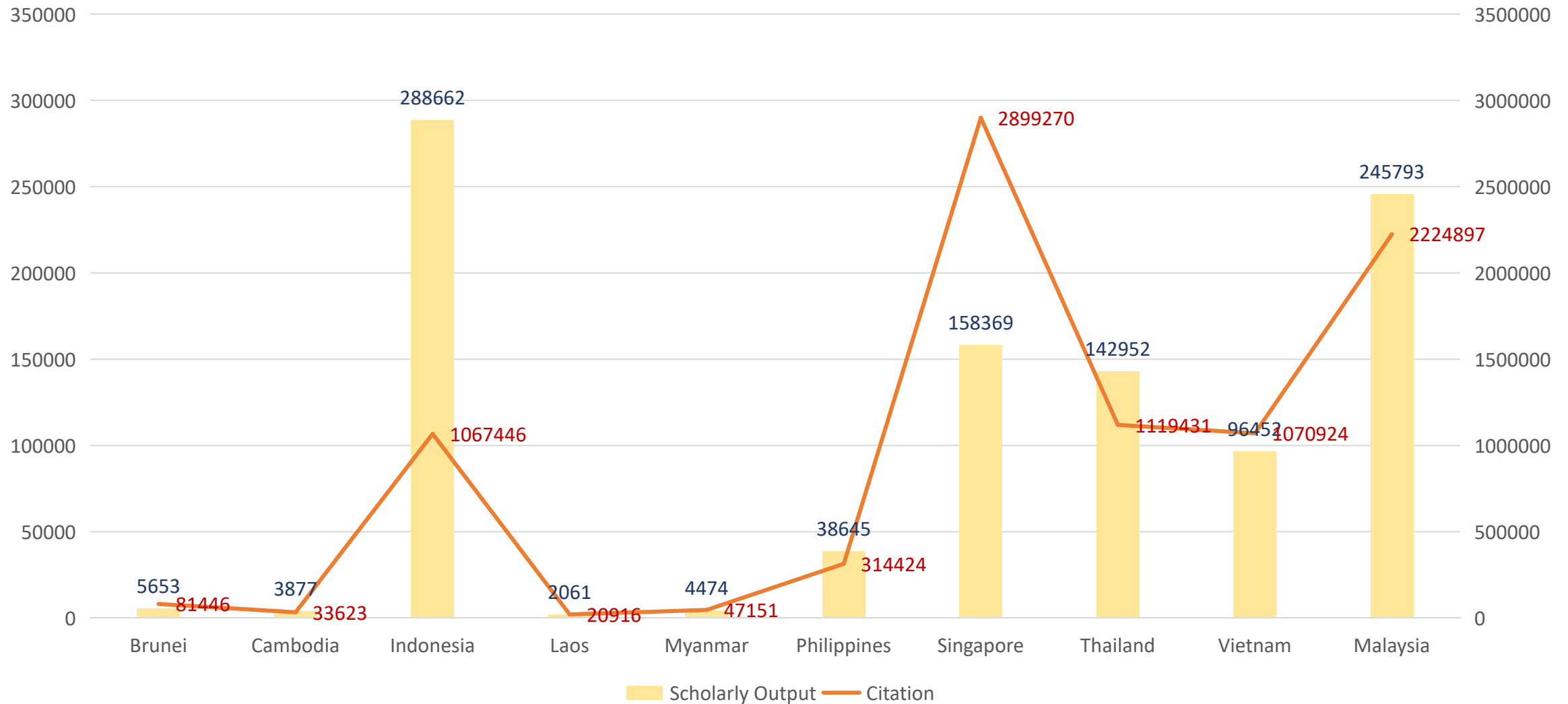


# LIST OF MALAYSIAN JOURNALS WITH IF

*(source: JCR)*

| No. | Journal Name                                            | Total Citations | 2020 JIF | JIF Quartile | 2020 JCI | 5 Year JIF | JIF Without Self Cites | Citable Items | Total Articles |
|-----|---------------------------------------------------------|-----------------|----------|--------------|----------|------------|------------------------|---------------|----------------|
| 1   | Bulletin of the Malaysian Mathematical Sciences Society | 1,409           | 1.554    | Q1           | 1.68     | 1.266      | 1.449                  | 368           | 368            |
| 2   | Journal of Oil Palm Research                            | 906             | 2.057    | Q3           | 0.4      | 1.652      | 1.61                   | 66            | 62             |
| 3   | Malaysian Journal of Library & Information Science      | 272             | 1.25     | Q3           | 0.45     | 1.32       | 1.1                    | 20            | 20             |
| 4   | International Food Research Journal                     | 4,986           | 1.014    | Q4           | 0.23     | 1.333      | 0.991                  | 119           | 114            |
| 5   | Sains Malaysiana                                        | 2,386           | 1.009    | Q4           | 0.15     | 0.95       | 0.885                  | 315           | 302            |
| 6   | Asia-Pacific Journal of Public Health                   | 2,233           | 1.399    | Q4           | 0.51     | 1.874      | 1.135                  | 118           | 109            |
| 7   | Tropical Biomedicine                                    | 1,313           | 0.623    | Q4           | 0.17     | 0.697      | 0.544                  | 109           | 105            |
| 8   | Journal of Tropical Forest Science                      | 964             | 0.77     | Q4           | 0.28     | 0.971      | 0.735                  | 46            | 46             |
| 9   | Malaysian Journal of Pathology                          | 473             | 0.656    | Q4           | 0.19     | 0.786      | 0.602                  | 63            | 51             |
| 10  | Neurology Asia                                          | 265             | 0.183    | Q4           | 0.06     | 0.301      | 0.156                  | 91            | 79             |
| 11  | Malaysian Journal of Computer Science                   | 166             | 0.622    | Q4           | 0.17     | 0.799      | 0.608                  | 31            | 29             |
| 12  | Asian Myrmecology                                       | 107             | 0.5      | Q4           | 0.29     | 0.742      | 0.5                    | n/a           | n/a            |
| 13  | Al-Shajarah                                             | 37              | n/a      | n/a          | 0.46     | n/a        | n/a                    | 13            | 12             |

# ASEAN Countries: Scholarly Output (2018-2023)



| World Rank | Country                        | Numbers of scientific publications (2020) |            |             |
|------------|--------------------------------|-------------------------------------------|------------|-------------|
|            |                                | Total                                     | Percentage | Per million |
| 1          | <a href="#">China</a>          | 744042                                    | 17.5       | 527         |
| 2          | <a href="#">United States</a>  | 624554                                    | 14.74      | 1875        |
| 3          | <a href="#">United Kingdom</a> | 198500                                    | 4.68       | 2959        |
| 4          | <a href="#">India</a>          | 191590                                    | 4.52       | 138         |
| 5          | <a href="#">Germany</a>        | 174524                                    | 4.12       | 2097        |
| 6          | <a href="#">Italy</a>          | 127502                                    | 3.00       | 2159        |
| 7          | <a href="#">Japan</a>          | 127408                                    | 3.00       | 1016        |
| 8          | <a href="#">Canada</a>         | 121111                                    | 2.86       | 3184        |
| 9          | <a href="#">Russia</a>         | 119195                                    | 2.81       | 819         |
| 10         | <a href="#">France</a>         | 112838                                    | 2.66       | 1664        |
| 11         | <a href="#">Australia</a>      | 106614                                    | 2.52       | 4109        |
| 12         | <a href="#">Spain</a>          | 104353                                    | 2.46       | 2202        |
| 13         | <a href="#">South Korea</a>    | 91030                                     | 2.15       | 1762        |
| 14         | <a href="#">Brazil</a>         | 89241                                     | 2.11       | 416         |
| 15         | <a href="#">Iran</a>           | 71894                                     | 1.70       | 863         |
| 16         | <a href="#">Netherlands</a>    | 62512                                     | 1.48       | 3534        |
| 17         | <a href="#">Turkey</a>         | 53802                                     | 1.27       | 635         |
| 18         | <a href="#">Poland</a>         | 51994                                     | 1.23       | 1364        |
| 19         | <a href="#">Indonesia</a>      | 49160                                     | 1.16       | 181         |
| 20         | <a href="#">Switzerland</a>    | 47607                                     | 1.12       | 5461        |
| 21         | <a href="#">Sweden</a>         | 43270                                     | 1.02       | 4141        |
| 22         | <a href="#">Taiwan</a>         | 39201                                     | 0.93       | 1677        |
| 23         | <a href="#">Malaysia</a>       | 37099                                     | 0.88       | 1135        |

2020 Total World Publication  
(Scopus) = 4236262

from 227 Countries

However in 2023, Malaysia drop to  
number 40.



# Check List for A Quality Scholarly Journal

---

- Check the ISSN of the journal form here <https://portal.issn.org/> .
- The Journal should have a dedicated website.
- Check the Editorial board members and their contact details.
- Check the past issues whether they are published regularly or not.
- Check the Publisher's address and the Contact details written on the journal's website.
- Check the social media of the journal/editor regularly updated.
- Check the Journal indexing in all major indexing agencies.
- Check the journal's Impact factor and other rankings.
- Check the Review about the journal if available on google or social media.

Thank you...