

Peer Review

Review of: "Evaluation of Indonesia's Scientific Publication Performance: Quantity, Quality, Open Access, and Comparison with ASEAN Countries"

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This research is an evaluation of Indonesia's research output by counting publications in scholarly journals. This study further compares Indonesia's position among other ASEAN countries in terms of the number of publications, quality of publications, open access publications, and so on. This research is an interesting country-level study from the Global South.

In terms of open access journals, Indonesia is at the top, as is evident from the Directory of Open Access Journals (DOAJ). Perhaps this is a strength in Indonesia's research ecosystem.

For a macro-level study, other indicators may also be considered. The study has considered only one quantitative indicator, e.g., publication patterns. Other output indicators, for example, patent counts and their quality, may also be measured. Patent count is an important indicator to measure national-level technological capability.

Further studies should include the National Innovation System or Innovation System Framework. For a holistic view of national performance, input parameters such as funding in Research and Development (R&D) and manpower employed in R&D are required to benchmark Indonesia's position in the global landscape.

The following facts require substantial evidence:

For example, in terms of publication quantity, Indonesia ranked 5th globally. Also, the average citations per article are around 18.3. Contrary to this, the Scimago Journal and Country Rank website, based on Scopus data, shows Indonesia ranked 37th with 447,794 research articles, and for citations per paper, Indonesia ranked 238th with 6.62 per paper.

Declarations

Potential competing interests: No potential competing interests to declare.