NATIONAL JOURNAL ACCREDITATION (ARJUNA) AS TOOL FOR GRADING, MAPPING, AND MENTORING SCIENTIFIC JOURNALS IN INDONESIA

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OBJECTIVES OF THE NATIONAL JOURNAL ACCREDITATION (ARJUNA)

• to measure the quality of a scientific journals
• to monitor the journal's performance periodically
• to assess strictly the journal quality through certain assessment aspects in the scientific journal accreditation (ARJUNA) system
• to grade the journal based on 6 (six) score group or score level displayed in SINTA (Science and Technology Index) portal.
• and to increase the competitiveness of scientific journals in Indonesia.
• Clustery the Indonesia published journal within 3 cluster (international, National and Local)
CURRENT INSIGHT OF THE JOURNALS’ QUARTILE BY SJR IN INDONESIA
### SCORE GRADE/LEVEL IN NATIONAL JOURNAL ACCREDITATION (ARJUNA)

<table>
<thead>
<tr>
<th>SCORE GRADE/LEVEL</th>
<th>TOTAL SCORE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accredited Grade/Level 1</td>
<td>$85 \leq n \leq 100$ *)</td>
</tr>
<tr>
<td>Accredited Grade/Level 2</td>
<td>$70 \leq n &lt; 85$</td>
</tr>
<tr>
<td>Accredited Grade/Level 3</td>
<td>$60 \leq n &lt; 70$</td>
</tr>
<tr>
<td>Accredited Grade/Level 4</td>
<td>$50 \leq n &lt; 60$</td>
</tr>
<tr>
<td>Accredited Grade/Level 5</td>
<td>$40 \leq n &lt; 50$</td>
</tr>
<tr>
<td>Accredited Grade/Level 6</td>
<td>$30 \leq n &lt; 40$</td>
</tr>
</tbody>
</table>

*) and/or indexed in high reputable international indexer
CURRENT INSIGHT OF THE ACCREDITED JOURNALS BY ARJUNA IN INDONESIA

Total Journals: 10,482
<table>
<thead>
<tr>
<th>NO</th>
<th>CRITERIA</th>
<th>MAX. SCORE OF CRITERIA (Management)</th>
<th>MAX. SCORE OF CRITERIA (Article Quality)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Naming of Scientific Journal</td>
<td>2</td>
<td>-</td>
</tr>
<tr>
<td>B</td>
<td>Institutional Publisher of Scientific Journal</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>C</td>
<td>Management of Scientific Journal</td>
<td>18</td>
<td>-</td>
</tr>
<tr>
<td>D</td>
<td>Editing of Scientific Journal Article</td>
<td>-</td>
<td>10</td>
</tr>
<tr>
<td>E</td>
<td>Quality of Published Articles</td>
<td>-</td>
<td>38</td>
</tr>
<tr>
<td>F</td>
<td>Writing Style of Published Articles</td>
<td>-</td>
<td>12</td>
</tr>
<tr>
<td>G</td>
<td>Appearance of Scientific Journal Website and Regularity of Publications</td>
<td>7</td>
<td>-</td>
</tr>
<tr>
<td>H</td>
<td>Dissemination</td>
<td>10</td>
<td>-</td>
</tr>
</tbody>
</table>

**TOTAL SCORE**  
40  
60
RIGOROUS ASSESSMENT IN THE NATIONAL JOURNAL ACCREDITATION (ARJUNA)

- ARJUNA has **two groups of assessors** for rigorous assessments:
  - Assessor for Journal Management Criteria
  - Assessor for Article Quality Criteria
- Each evaluated journal will be assessed by two Assessors of Journal Management AND two Assessors of Article Quality following the Criteria.
- **Final Decision of journal evaluation** will be decided in a Pleno Meeting of Assessors according to Total Score of Assessment.
MINIMUM CRITERIA OF JOURNAL SUBMITTED TO NATIONAL JOURNAL ACCREDITATION (ARJUNA)

- Journals must have an E-ISSN.
- Journals must have a digital object identifier (DOI) in each article.
- Journals must have, include and implement a publication ethics policy that refers to the Committee on Publication Ethics (COPE).
- Scientific journals must have been published for at least 2 (two) consecutive years. The frequency of issue must be at least 2 (two) times a year. The number of articles per issue must be at least 5 (five) articles.
- Scientific journals must be indexed by a national indexing agency.
- All published articles must go through a review process by Peer-Reviewers.
- The Editorial Board comes from at least 2 (two) different institutions and their expertise must be in accordance with the field of science in the journal.
• Naming of Scientific Journal is evaluated based on uniqueness of journal name in relevance to discipline.
• Institutional Publisher of Scientific Journal is evaluated based on **Validity and Institutional Credibility of Scientific Journal Publishers.**
RIGOROUS ASSESSMENT OF CRITERIA C
(Management of Scientific Journal)

• **C.1**: Involvement, Composition, Publication Track Record, and Diversity of Affiliation Origin of Peer-Reviewers.

• **C.2**: Involvement, Composition, Track Record of Publications, and Diversity of Affiliation Origin of the Editorial Team/Editorial Team/Editorial Board.

• **C.3**: Management of Articles Processing in Scientific Journal.

• **C.4**: Diversity of Affiliation Origin of Authors.
RIGOROUS ASSESSMENT OF CRITERIA D
(Editing of Scientific Journal Article)

• **D.1**: Author Guidelines (Completeness).
• **D.2**: Quality of Article Review Comments by Peer-Reviewer.
• **D.3**: Quality of Article Editing Style and Format by the Editorial Team/Editorial Board.
• **D.4**: Completeness of Galley/PDF of Published Articles.
RIGOROUS ASSESSMENT OF CRITERIA E
(Quality of Published Article)

• **E.1**: Scientific Coverage ( Appropriateness of article to Focus and Scope of journal).

• **E.2**: Scientific Impact of Journal (journal citedness in 3 recent years).

• **E.3**: Effectiveness of Article Titles.

• **E.4**: Presence of the Author's Name and Author’s Affiliation Institution.

• **E.5**: Abstract (clarity and conciseness).

• **E.6**: Key words (content representative).
RIGOROUS ASSESSMENT OF CRITERIA E
(Quality of Published Article)

• **E.7**: Scientific Pioneering/Originality/Contribution/Novelty of Article.
• **E.8**: Ratio of Primary Reference Sources versus other Sources.
• **E.9**: Degree of Recency of Reference Literatures. *Scoring Level:*
• **E.10**: Sharpness of Analysis and Synthesis of article.
• **E.11**: Conclusion of article.
RIGOROUS ASSESSMENT OF CRITERIA F
(\textit{Writing Style of Published Articles})

- \textbf{F.1}: Systematics of Article Writing.
- \textbf{F.2}: Utilization of Supporting Instruments (Pictures, Tables, Equations, Schemes, Illustrations, etc. (if any)).
- \textbf{F.3}: Bibliography Reference System in Articles and Consistency in Bibliography Writing. \textbf{F.4}: Use of Terms and Linguistic Quality.
RIGOROUS ASSESSMENT OF CRITERIA G
(Appearance of Scientific Journal Website and Regularity of Publications)

- **G.1**: Volume, Issue/Number, and Article Page Numbering Systems.
- **G.2**: Completeness of Scientific Journal Website in Fulfillment of COPE Principles of Transparency and Best Practice in Scholarly Publishing.
- **G.3**: Publication Schedule.
RIGOROUS ASSESSMENT OF CRITERIA H (Dissemination)

- **H.1**: Number of Unique Visits to Journal Website.
- **H.2**: Diversity of Visitors to Journal Website.
- **H.3**: Inclusion and Indexing in Scientific Journal Indexers (based on the reputation and difficulty level of selection system of indexer).
• Disincentive is applied if there is a deviation or violation of academic integrity in producing scientific articles or irregularities in the management of scientific journals.

• **I.1**: Violation of Academic Integrity by Journal. *Disincentive Level: -20; -15; or -10.*

• **I.2**: Availability of Ethical Clearance document information (in certain disciplines). *Scoring Level: -3.*
Results of grading/mapping in National Journal Accreditation (ARJUNA) are displayed / disseminated in SCIENCE TECHNOLOGY INDEX (SINTA) (URL: https://sinta.kemdikbud.go.id/journals).
• https://arjuna.kemdikbud.go.id/
• https://sinta.kemdikbud.go.id/
• https://garuda.kemdikbud.go.id/