

Kiat Sukses Penulisan Artikel Ilmiah Bereputasi Internasional

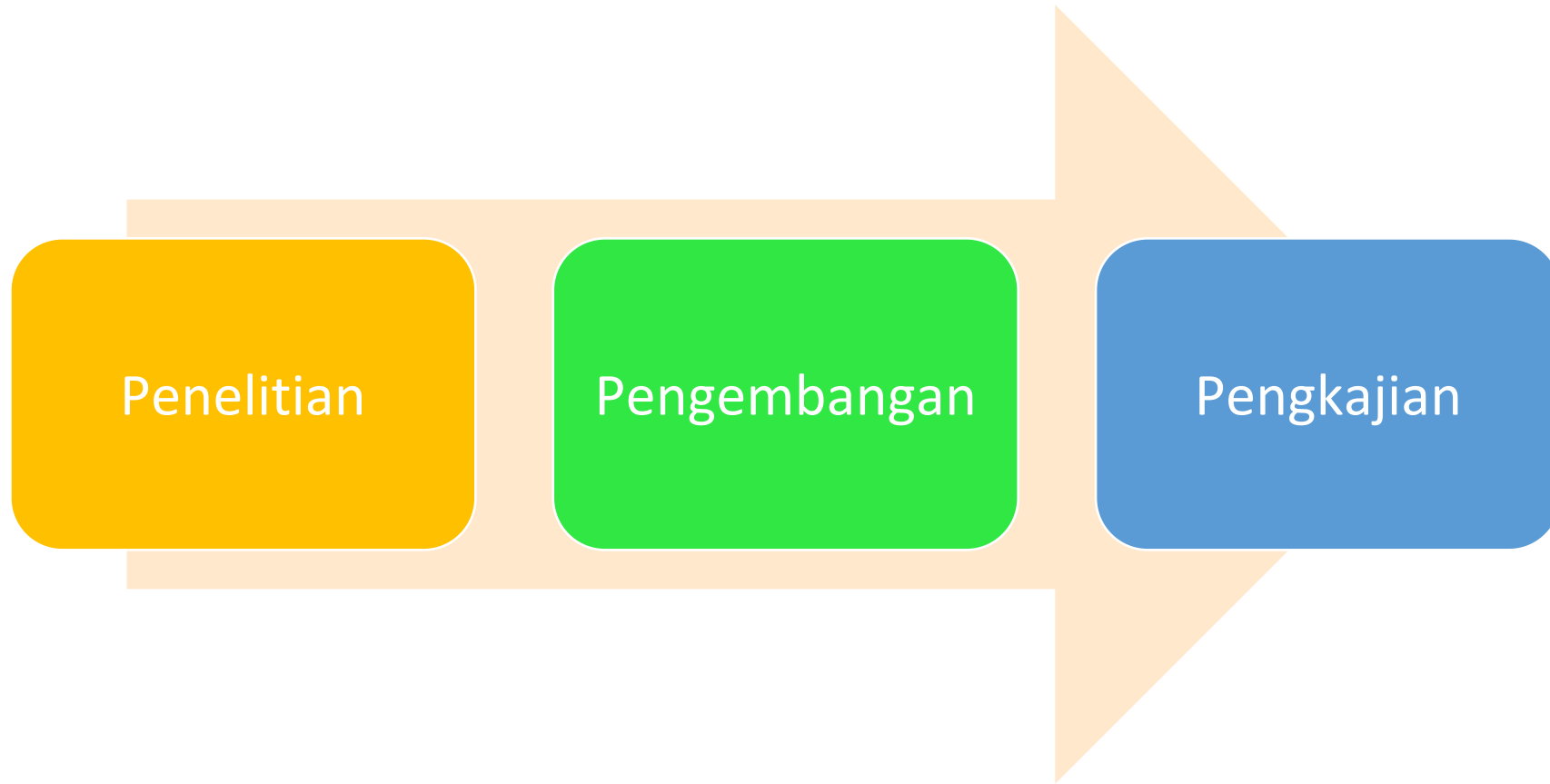
Oleh :

Didi Rosiyadi

Universitas Bina Sarana Informatika

5 September 2020

Penelitian, Pengembangan, Pengkajian Ilmu Pengetahuan dan Teknologi



FOKUS RANAH PENELITIAN



Penelitian

Penelitian adalah kegiatan yang dilakukan menurut metodologi ilmiah untuk memperoleh data dan informasi yang berkaitan dengan pemahaman tentang :

- ✓ Fenomena alam dan/atau sosial;
- ✓ Pembuktian kebenaran atau ketidakbenaran suatu asumsi dan/atau hipotesis;
- ✓ Penarikan kesimpulan ilmiah.

Pengembangan dan Pengkajian

- ✓ **Pengembangan** adalah kegiatan untuk peningkatan kemanfaatan dan daya dukung ilmu pengetahuan dan teknologi yang telah terbukti kebenaran dan keamanannya untuk meningkatkan fungsi dan manfaat ilmu pengetahuan dan teknologi.
- ✓ **Pengkajian** adalah kegiatan untuk menilai atau mengetahui kesiapan, kemanfaatan, dampak dan implikasi sebelum dan/atau sesudah ilmu pengetahuan dan teknologi diterapkan.

Penelitian, Pengembangan, dan/atau Pengkajian Ilmu Pengetahuan dan Teknologi

Penelitian dan **Publikasi Ilmiah**

Pengembangan dan/atau Pengkajian

partisipasi di pertemuan ilmiah

Publikasi Ilmiah Publikasi terhadap output penelitian

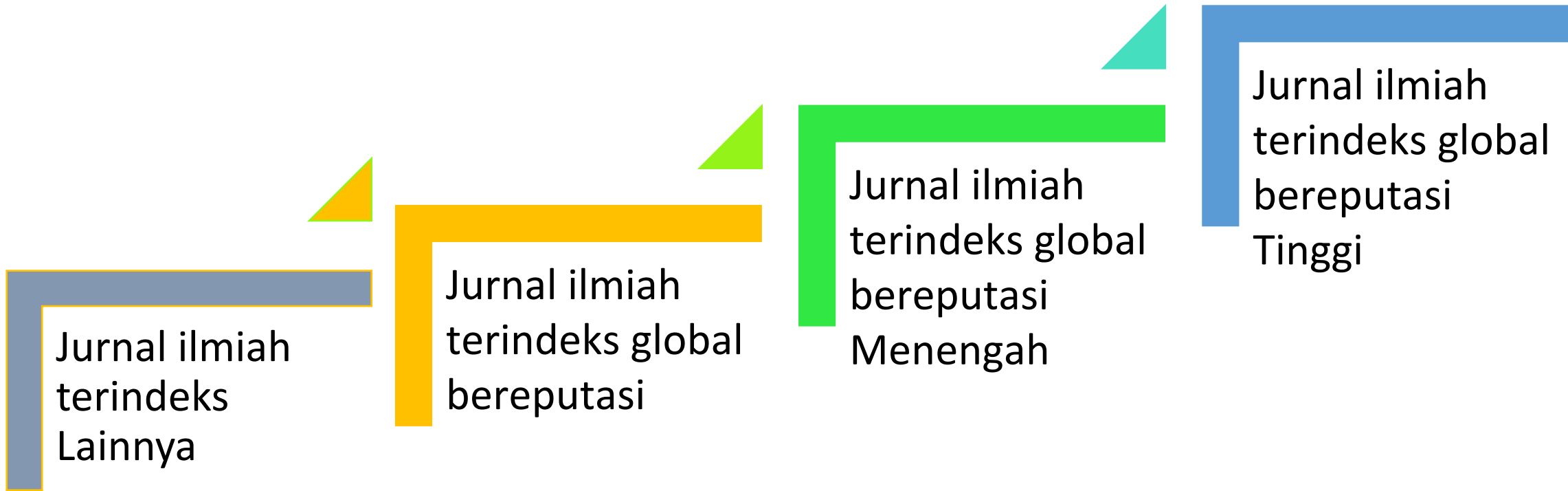
Salah satu output penelitian adalah **Artikel Ilmiah** yang merupakan artikel hasil dari penelitian yang dipublikasikan.

Artikel Ilmiah dapat dipublikasikan pada Jurnal ataupun Prosiding

Jurnal Ilmiah

- Kumpulan artikel ilmiah suatu bidang tertentu
- Dikelola oleh Pakar yang berkompeten dibidangnya
- Jurnal Global dan Jurnal Nasional

Jurnal Ilmiah – Jurnal Global



Tipe Akses Jurnal


Closed Access

- Jurnal diakses dengan suatu Hak Akses
- Tidak dibebankan biaya publikasi bagi para penulis
- Dibebankan biaya paper bagi para pembaca

Open Access

- Jurnal dapat diakses secara bebas
- Dibebankan biaya publikasi bagi para penulis
- Tidak dibebankan biaya paper bagi para pembaca

Prosiding Ilmiah



Kumpulan artikel ilmiah untuk area bidang tertentu atau bidang lainnya yang masih berkaitan

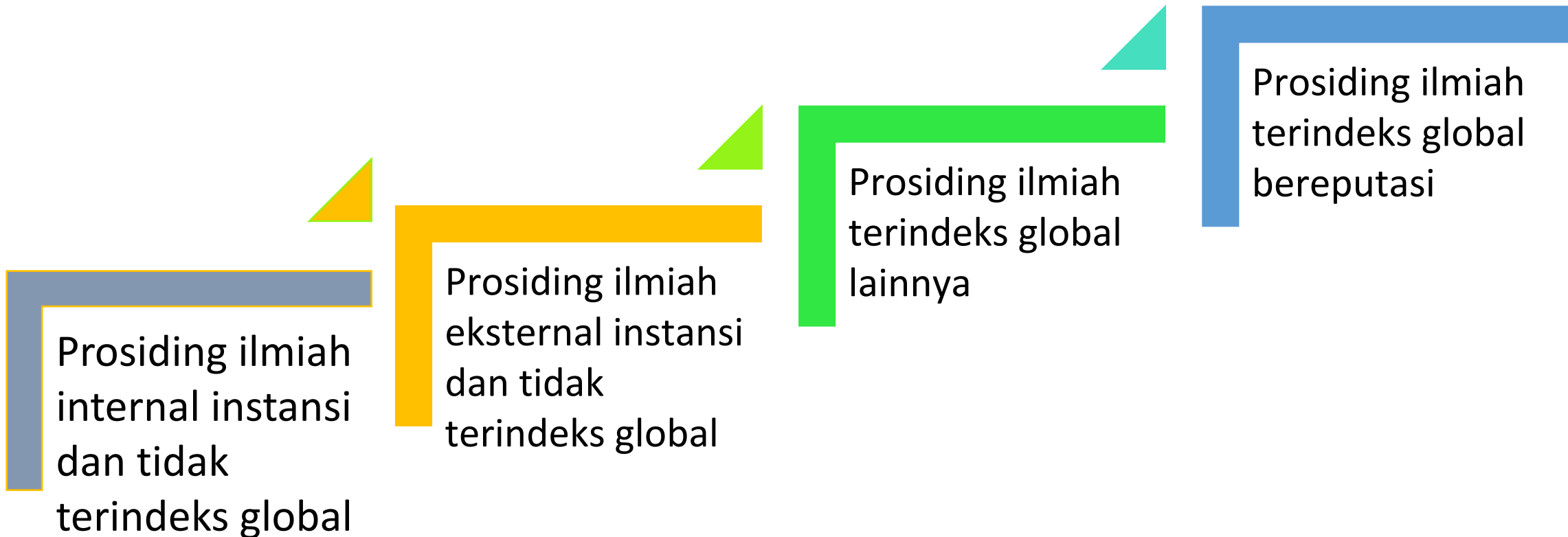


Disampaikan pada suatu pertemuan ilmiah

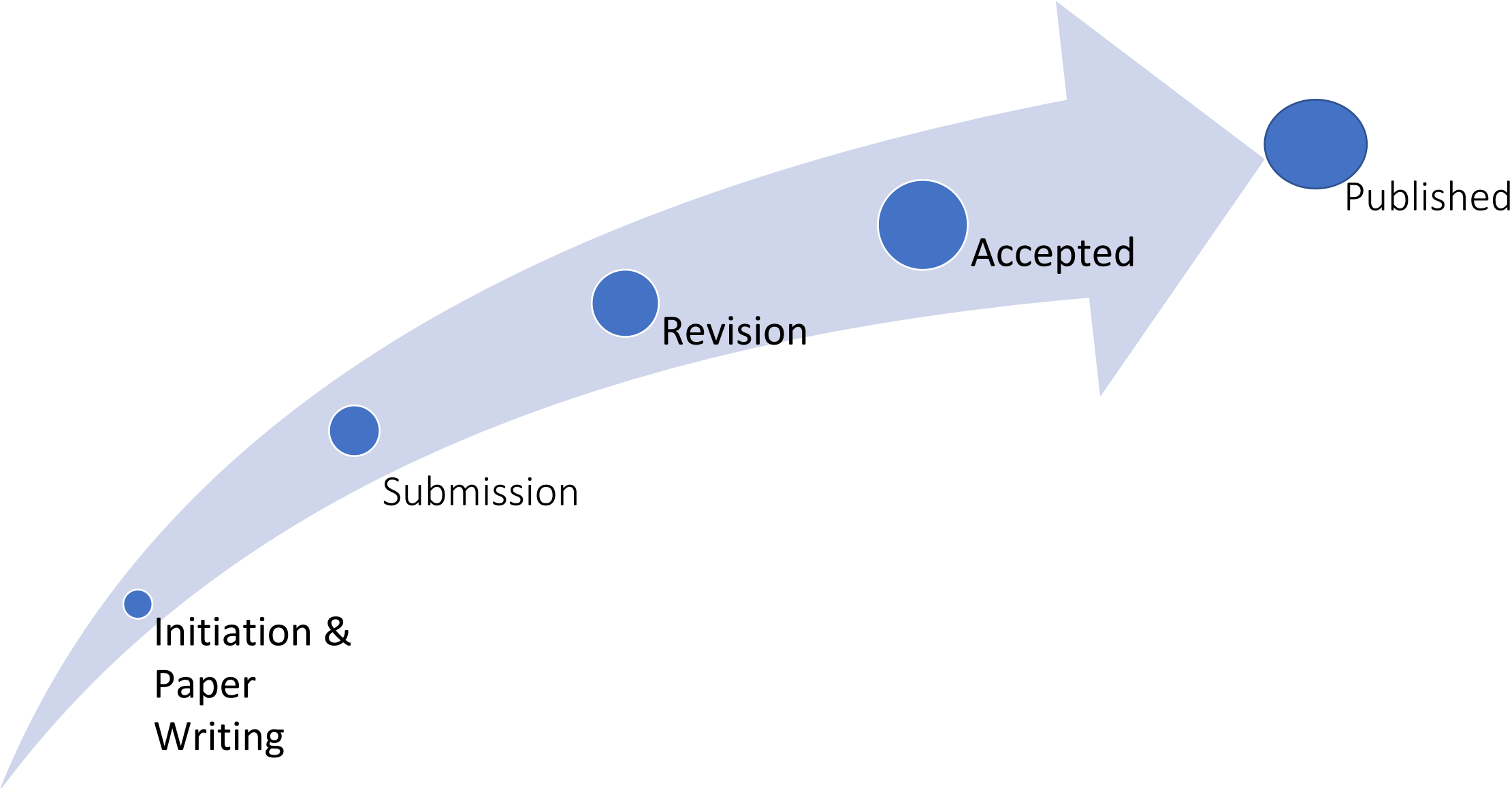


Prosiding Global dan Prosiding Nasional

Prosiding Ilmiah – Prosiding Global



Tahapan Publikasi Artikel Ilmiah



Tahap inisiasi dan Penulisan Artikel Ilmiah (Initiation and Paper Writing Steps)

- Penentuan Jurnal - Scope, Publisher, Indexing, IF dsb.
- Penyusunan Artikel Ilmiah - Template, Tata Bahasa dsb.
- Artikel Ilmiah harus mempunyai Kebaruan (Novelty), Kontribusi (Contribution) dan Perbandingan (Comparison)
- Finalisasi Penyusunan Artikel Ilmiah - Similarity Checker, Proofreading

Tahap Pengajuan (Submission Step)

- Perhatikan important date nya
- Check File Artikel Ilmiah dan Lampiran nya
- Teliti dalam menginputkan isian Form Submission nya

Kebaruan (Novelty), Kontribusi (Contribution) dan Perbandingan (Comparison)

- Kebaruan (Novelty) : Melakukan perbandingan dengan penelitian sebelumnya yang menggunakan metoda sejenis
- Kontribusi (Contribution) : Mengaitkan dengan penelitian sebelumnya (Related Works)
- Perbandingan (Comparison) : Membandingkan hasil eksperimen atau simulasi dengan hasil eksperimen atau simulasi dari penelitian sebelumnya

Tahap Revisi (Revision Step)

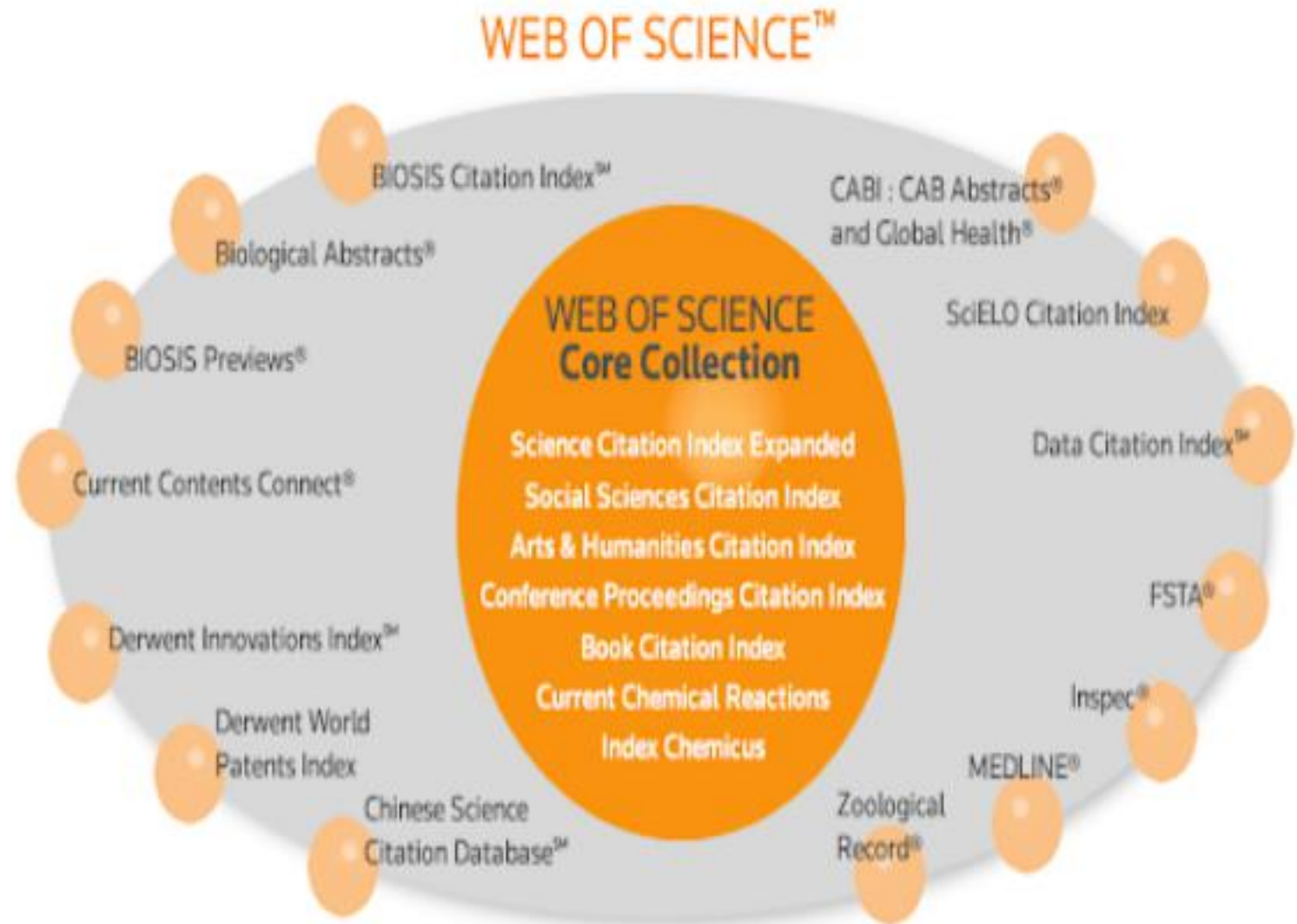
Setelah dilakukan tahap pengajuan (submission step) maka akan ada keputusan dari editor apakah artikel ilmiah nya Rejected atau Revision (Major Revision atau Minor Revision).

Apabila Revision maka perlu dilakukan :

- Baca secara seksama semua komentar dari para reviewer
- Buat Lembar Q & A agar memudahkan dalam merespon komentar para reviewer tersebut
- Lakukan revisi semaksimal mungkin
- Perhatikan deadline pengajuan kembali Artikel Ilmiah hasil revisi

Pengindex Jurnal Global

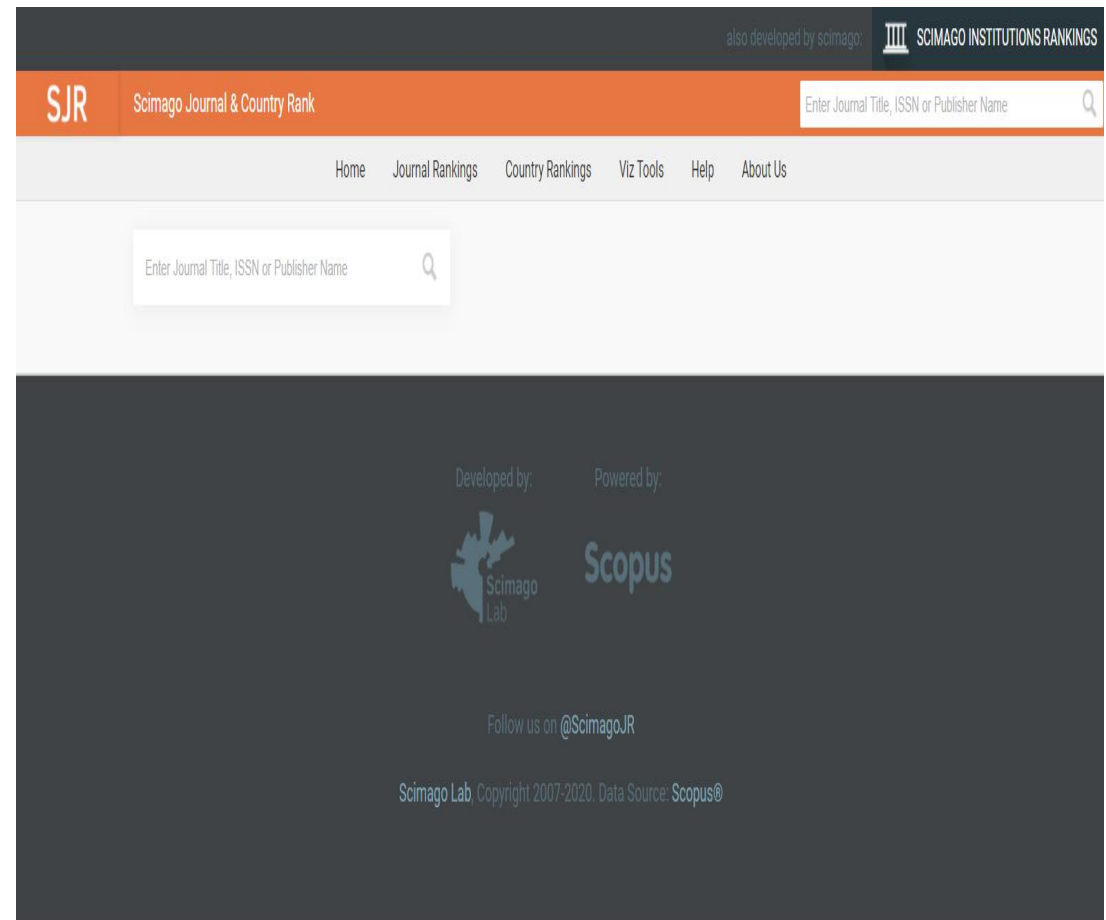
- **Thomson Reuters - Web of Science**
https://clarivate.com/webofsciencegroup/wp-content/uploads/sites/2/dlm_uploads/2019/08/JCR_Full_Journal_list140619.pdf



Pengindex Jurnal Global

- **Scopus - Scimago**

<https://www.scimagojr.com/journalsearch.php>



Jurnal ilmiah terindeks global Bereputasi Tinggi

IEEE Multimedia : Thomson Reuters - WoS : SCI / Scopus - Scimago : Q1

The screenshot shows the IEEE Digital Library website. At the top, there is a navigation bar with links for 'IEEE.org', 'Help', 'Cart', 'Jobs Board', 'Create Account', and 'Log In'. Below this, the main header features the IEEE logo and 'IEEE COMPUTER SOCIETY DIGITAL LIBRARY'. A secondary navigation bar includes links for 'Jobs', 'Tech News', 'Resource Center', 'Press Room', 'Advertising', 'About Us', 'My Subscriptions', 'Magazines', 'Journals', 'Conference Proceedings', and 'Institutional Subscriptions'. A search bar is present with a dropdown menu set to 'All', a search button, and a link to 'Advanced Search'. A 'Log In' button is also visible. The main content area features the 'IEEE MultiMedia' logo and the tagline 'The source for users, researchers, and designers of interactive media'. A 'Subscribe' button is located in the bottom left. On the bottom right, there are three overlapping covers of the MultiMedia journal, with the top one showing 'MultiMedia' and 'APPROXIMATING DIGITAL REALITY', and the bottom right one showing 'MultiMedia' and 'CYBERSECURITY'.

Ilustrasi Tahapan Publikasi Artikel Ilmiah

Ilustrasi Tahapan Publikasi Artikel Ilmiah berjudul ***Copyright Protection for E-Government Document Images*** pada Jurnal ilmiah terindeks global Bereputasi Tinggi ***IEEE Multimedia*** :

<https://ieeexplore.ieee.org/abstract/document/5989786>

Research	Inisiasi & Paper Writing	Submission	Revision	Accepted	Published
2009 - 2010	2010	15 Des 2010	11 Mei 2011	23 Juli 2011	April - Sept 2012

Reviewers' Comments

Reviewer: 1

Recommendation: Accept With No Changes

Comments:

I am satisfied with the revised paper.

Please rate the manuscript. Explain your choice in the Detailed Comments section.: Excellent

Reviewer: 2

Recommendation: Accept If Certain Minor Revisions Are Made

Comments:

1.The content of this manuscript has little problem, but the appearance of mathematical formula is not good enough.

2.MATLAB code is not the first choice to describe the core part of proposed algorithm, for not all readers will understand the grammar of MATLAB code, it is better to choose pseudo-code (line.6-12, pp.20; line.24-34, pp.21; line.41-54, pp.21)

Please rate the manuscript. Explain your choice in the Detailed Comments section.: Good

A Summary of Revisions

We are very thankful for the reviewer's comments and answer the listed questions in the following.

Reviewer #1

Comments:

There are no comments.

Reviewer #2

Question 1:

The content of this manuscript has little problem, but the appearance of mathematical formula is not good enough.

Answer 1:

To increase the quality of the manuscript, the improvement to the appearance of previous mathematical formula has been done as follows:

Formula Number	The appearance of previous mathematical formula	The appearance of revised mathematical formula
10	$I_{l \text{ det}}^j = \text{convert_trid}(t\{l(j-1)+1:(j \times l)\})$	$I_{l \text{ det}}^j = \text{convert_trid}(n\{l(j-1)+1:(j \times l)\})$
	$I_{r \text{ det}}^j \times (1/4) I_{c \text{ det}}^j$, and $1 \leq j \leq 4$.	$I_{r \text{ det}}^j \times (1/4)$, and $j=1, 2, 3, 4$
11	$I_{\text{det}}^j = \{U_{\text{det}}^j S_{\text{det}}^j V_{\text{det}}^{jT}\}$, $1 \leq j \leq 4$	$I_{\text{det}}^j = U_{\text{det}}^j S_{\text{det}}^j V_{\text{det}}^{jT}$
	$\{U_{\text{det}}^j S_{\text{det}}^j V_{\text{det}}^{jT}\} = \text{svd}\left(I_{l \text{ det}}^j\right)$ $1 \leq j \leq 4$.	and $U_{\text{det}}^j S_{\text{det}}^j V_{\text{det}}^{jT} = \text{svd}\left(I_{l \text{ det}}^j\right)$
17	$IM_{\text{det}}^j = \text{diag}(\text{ag}\left[\left[I_{l \text{ det}}^j\right]\right])$.	$IM_{\text{det}}^j = \text{diag}(\text{ag}\left(I_{l \text{ det}}^j\right))$

IEEE Multimedia


IEEE Multimedia	
Country	United States -  SIR Ranking of United States
Subject Area and Category	Computer Science Computer Science Applications Hardware and Architecture Signal Processing Software Engineering Media Technology
Publisher	IEEE Computer Society -  SCImago Institutions Ranking
Publication type	Journals
ISSN	1070986X
Coverage	1994-2019
Scope	Focus on multimedia computing and communications systems. It covers such topics as hardware and software for media compression, media storage and transport, workstation support, data modeling, and abstractions to embed multimedia in applications programs.

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H Index



International Journal of Advances in Intelligent Informatics - Q4



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International Journal of Advances in Intelligent Informatics

Journal title	International Journal of Advances in Intelligent Informatics
Initials	IJAIN
Abbreviation	Int. J. Adv. Intell. Informatics
Frequency	Three issues per year
DOI	prefix 10.26555 by Crossref
Print ISSN	2442-6571
Online ISSN	2548-3161
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Managing Editor	Andri Pranolo
Publisher	Universitas Ahmad Dahlan
Organizer	Informatics Department - UAD, UTM Big Data Centre - UTM, and ASCEE
Citation Analysis	SCOPUS Web of Science Google Scholar
Cite IJAIN	IJAIN_coll.bib IJAIN_coll.ris IJAIN_coll.xml

International Journal of Advances in Intelligent Informatics is a peer-reviewed open-access journal. The journal invites scientists and

International Journal of Advances in Intelligent Informatics

Country	Indonesia -  SIR Ranking of Indonesia	7
Subject Area and Category	Computer Science Artificial Intelligence Computer Vision and Pattern Recognition Human-Computer Interaction	
Publisher	Universitas Ahmad Dahlan	H Index
Publication type	Journals	
ISSN	25483161, 24426571	
Coverage	2015-2019	



International Journal of Advances in Intelligent...

Q4 Artificial Intelligence
best quartile

SJR 2019
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Komentar terhadap Paper

Explanations for the above ratings and other general comments on major issues:

Each table needs to add enough explanation. As in table 2, for example Iris has 4 attributes and 3 clusters. Is the initial centroid value in table 2 for Iris only for the Petal Width and Petal Length attributes? What is the Initial Centroid Value for Sepal Width and Sepal Length?

Table 6, regarding Number of Clusters, how can this Number of Clusters be obtained?

Does the Percentage of Error Rate in Table 7 for the Iris dataset mean Misclassification?

Why is the Number of Clusters in Table 9 different from Table 6?

Comments on the minor details of the article:

Expect a minimum of 30 references primarily with a minimum of 60% to journal papers.

Referensi

1. Perka LIPI no 20 Tahun 2019 tentang Juknis Penilaian JF Peneliti
2. Didi Rosiyadi, Shi-Jinn Horng, Pingzhi Fan, Xian Wang, Muhammad Khurram Khan, Yi Pan: Copyright Protection for E-Government Document Images. IEEE MultiMedia 19(3): 62-73 (2012)
3. Algorithm for K-Means Clustering to Increase Software Defect Prediction, Accepted - International Journal of IJAIN, 2020

Q & A

Terima kasih