

Author Guidelines

General Instructions

1. Jurnal Elektronika dan Telekomunikasi publishes original research article and Review article.
2. Only manuscripts of sufficient quality that meet the focus and scope of Jurnal Elektronika dan Telekomunikasi will be reviewed. Please read **Focus and Scope** page to gain an overview and assess if your manuscript is suitable for this journal.
3. Online Submission will be charged at no Cost.
4. The submission has not been previously published, nor is under review for another refereed publication. This means that authors must disclose all prior publication(s) and current submissions when submitting a manuscript.
5. Make sure that issues about publication ethics, research ethics, copyright, authorship, figure formats, data and references format have been appropriately considered.
6. Ensure that all authors have approved the content of the submitted manuscript.
7. Authors are expected to consider carefully the list and order of authors before submitting their manuscript. Any addition, deletion or rearrangement of author names in the authorship list should be made only before the manuscript has been accepted and only if approved by the journal Editor.
8. Manuscript should be written in good English (American or British usage is accepted, but not a mixture of these), uploaded in Microsoft Word (.doc or .docx) format and should have **minimum 6 pages** including embedded figures and tables, without any appendix.
9. All authors are suggested to use plagiarism detection software to do the similarity checking before submitting their manuscript to the journal (please use iThenticate or Turnitin to check the similarity). Editors will also check the similarity of manuscripts in this journal by using a Turnitin or iThenticate software. The overall similarity rate of a manuscript should not exceed **30 percent**.
10. All authors are recommended to use Mendeley Desktop as a tool for reference management and formatting. Installation guidelines of JET reference style can be downloaded [here](#). All authors also should provide all references as BibTex files then upload them as supplementary files.

Manuscript Structure and Organization

The manuscript format must be presented in the following order:

1. Title page
2. Abstract
3. Keywords
4. Main body
5. Conclusion
6. Acknowledgments
7. References

Title Page

Title page contains the following information:

- **Article Title**
The title must be brief, clear, specific and informative which reflect the article content. Moreover, a good title for a research paper is typically around 10 to 20 words long. A lengthy title may seem unfocused and take the readers' attention away from an important point. Each word of the title should be started with a capitalized letter. For search engine optimization, put the most important words at the beginning of your title.
- **Author information**
Authors should be listed first name, middle initial (if any), then last name with each name separated by commas. Author institutional affiliations should be listed beneath the author list. Clearly indicate who is willing to handle correspondence at all stages of refereeing, publication and post-publication by providing the corresponding e-mail address at the end of author information section.

Abstract

A clear abstract will strongly influence whether your work is further considered. The abstract should contain the major aspects of the entire paper in a prescribed sequence that includes: 1) the overall purpose of the study and the research problem(s) you investigated; 2) the basic design of the study; 3) major findings or trends found as a result of your analysis; and, 4) a brief summary of your interpretations and conclusions, with no references cited. Abbreviations, if needed, should be spelled out. The abstract should be typed as a single paragraph and not exceed 250 words.

Keywords

Keywords ensure that your paper is indexed well by databases and search engines, and thus improve the discoverability of your research. Therefore, they should be selected after careful consideration. Keywords should represent the content of your manuscript and are specific to your field or sub-field. Authors should supply up to eight relevant keywords that describe the subject of their article.

Main body

The main body of original research type follows the IMRaD (Introduction, Methods, Results, and Discussion) format.

- **Introduction**

A well-written introduction is important to provide your readers with their initial impressions about the logic of your argument, your writing style, the overall quality of your research, and the validity of your findings and conclusions. It describes a brief background of the research, novelty, state of the arts, and objective(s). Organize the information to present the more general aspects of the topic early in the Introduction, then narrow toward the more specific topical information that provides context, finally arriving at your statement of purpose and rationale. It should be written efficiently and supported by references.

- **Methods**

This section is variously called Methods or Methods and Materials. It describes research chronological, including research design, research procedure (in the form of algorithms, pseudo code, or other), how to test and data acquisition. The description of the course of research should be supported references, so the explanation can be accepted scientifically.

- **Results and Discussion**

The traditional Results and Discussion sections are best combined because results make little sense to most readers without interpretation. It can be two separate sections if appropriate. The Results can be presented in figures, graphs, tables, and others that make the reader understand easily. The Discussion can be made in several sub-chapters.

- **Conclusion**

In the Conclusion section, state the most important outcome of your work. Do not simply summarize the points already made in the main body.

Declarations

This section should include the following:

- **Conflict of Interest**

All financial, commercial or other relationships that might be perceived by the academic community as representing a potential conflict of interest must be disclosed. If no such relationship exists, authors will be asked to confirm the following statement: "The authors have declared that no competing interests exist."

- **CRedit Authorship Contribution**

CRedit (Contributor Roles Taxonomy) used for recognizing individual author contributions, reducing authorship disputes and facilitating collaboration. The corresponding author is responsible for ensuring that

contributions of all authors are correct. It is expected that all authors will have reviewed, discussed and agreed to their individual contributions as shared by the corresponding author. CRediT includes 14 roles as follow:

Term	Definition
Conceptualization	Ideas; formulation or evolution of overarching research goals and aims
Methodology	Development or design of methodology; creation of models
Software	Programming, software development; designing computer programs; implementation of the computer code and supporting algorithms; testing of existing code components
Validation	Verification, whether as a part of the activity or separate, of the overall replication/ reproducibility of results/experiments and other research outputs
Formal analysis	Application of statistical, mathematical, computational, or other formal techniques to analyse or synthesize study data
Investigation	Conducting a research and investigation process, specifically performing the experiments, or data/evidence collection
Resources	Provision of study materials, reagents, materials, patients, laboratory samples, animals, instrumentation, computing resources, or other analysis tools
Data Curation	Management activities to annotate (produce metadata), scrub data and maintain research data (including software code, where it is necessary for interpreting the data itself) for initial use and later reuse
Writing - Original Draft	Preparation, creation and/or presentation of the published work, specifically writing the initial draft (including substantive translation)
Writing - Review & Editing	Preparation, creation and/or presentation of the published work by those from the original research group, specifically critical review, commentary or revision – including pre- or post-publication stages
Visualization	Preparation, creation and/or presentation of the published work, specifically visualization/ data presentation
Supervision	Oversight and leadership responsibility for the research activity planning and execution, including mentorship external to the core team
Project administration	Management and coordination responsibility for the research activity planning and execution
Funding acquisition	Acquisition of the financial support for the project leading to this publication

Example of CRediT author statement is as follow:

Author 1 name: Conceptualization, Methodology, Software; Author 2 name: Data curation, Writing-Original draft; Author 3 name: Visualization, Investigation, Writing-Reviewing and Editing; Author 4 name: Supervision, Funding Acquisition.

- **Funding**

All articles should have a funding acknowledgment statement. Details of all funding sources should be provided, including grant numbers if applicable. Funder acknowledgements generally follow a standard format as follow:

Research reported in this publication was supported by [funding agency name] under grant number [specific grant number].

Example:

"This work was supported by the National Innovation System Research Incentive (InSINas) Program, the Ministry of Research and Technology/ National Research and Innovation Agency, the Republic of Indonesia, under contract number 12/INS-1/PPK/E4/2021"

Where no specific funding has been provided for the research, we ask that corresponding authors use the following sentence:

"The author(s) received no financial support for the research, authorship, and/or publication of this article."

- **Acknowledgment**

This section is the place to acknowledge people or organizations for their intellectual assistance and other research contributions. Acknowledgments should be written in the first person. Titles such as Mr, Mrs, Miss, etc. are not commonly included, but honorary titles such as Dr, Professor, etc. are. Examples of whom and what should be acknowledged are listed below:

- Direct technical help (e.g., supply of animal subjects, cells, equipment setup, methods, statistics/data manipulation, samples, chemicals/reagents, analytical/spectroscopy techniques)
- Indirect assistance (topical and intellectual discussions about the research which can lead to generation of new ideas)
- If the results have been published elsewhere, then this should also be acknowledged.
- Affiliated institutions
- Who received the funding (if not the author, e.g., a supervisor)
- Any associated fellowships

References

The list of references should only include works that are cited in the text and that have been published or accepted for publication. Personal communications and unpublished works should only be mentioned in the text. Primary references should be at least 80% from at least ten references within 10 years. All authors are recommended to use **Mendeley Desktop** as a tool for reference management and formatting. Installation guidelines of JET reference style can be downloaded [here](#). All authors should provide all references as BibTex files then upload them as supplementary files.

JET uses IEEE referencing style. Citations and their corresponding references are provided in the order they appear throughout your writing.

a) In-Text Citations

- For citations in the text, please use numbers in square brackets, e.g. [1], that will then correspond to the full citation in your reference list. Once you have referred to a source and given it a number, continue to use that number as you cite that source throughout the paper.
Example: "As demonstrated in [1] ..."
- When citing multiple sources at once, the preferred method is to list each number separately in its own brackets, using a comma for non-consecutive numbers and dash between first and last numbers for consecutive numbers, as such: [1], [3], [5] or [1]-[5].
Example: "Several recent studies [1] – [3], [5], [7] have suggested that ..."
- If mentioning authors in the text of your document, place the in-text citation immediately after the author's name. Use *et al.* if there are three or more authors.
Example: "In their experiment, Lee [2] found that ..."
"The research of Jones *et al.* [3] demonstrates..."

b) Reference List

The reference list appears at the end of your paper and provides the full citations for all the references you have used. References are written in IEEE style.

- List all references numerically in the order they've been cited within the paper and include the bracketed number at the beginning of each reference.
- In all references, the given name of the author or editor is abbreviated to the initial only and precedes the last name. Example: Albert Einstein would be cited as A. Einstein (NOT Einstein, Albert).
- If there are more than six names listed, use the first author's name followed by *et al.*
- Other than books, capitalize only the first word in a paper title, except for proper nouns and element symbols.
- For papers published in translation journals, please give the English citation first, followed by the original foreign-language citation.

See examples for details on how to construct references for specific resources such as books, journals, conference proceedings, web pages, etc. in the following:

Reference Type	Basic Format	Example
Printed book	J. K. Author, <i>Title of Published Book</i> . City of Publisher, Country: Abbrev. of Publisher, year.	[1] B. Klaus and P. Horn, <i>Robot Vision</i> . Cambridge, MA, USA: MIT Press, 1986.
Edited book as a whole	J. K. Editor, Ed., <i>Title of Published Book</i> . City of Publisher, Country: Abbrev. of Publisher, year.	[2] D. Sarunyagate, Ed., <i>Lasers</i> . New York: McGraw-Hill, 1996.
Chapter in edited book	J. K. Author, "Title of chapter in the book," in <i>Title of Published Book</i> , xth ed. City of Publisher, Country: Abbrev. of Publisher, year, ch. x, sec. x, pp. xxx-xxx.	[3] R. L. Myer, "Parametric oscillators and nonlinear materials," in <i>Nonlinear Optics</i> , vol. 4, P. G. Harper and B. S. Wherret, Eds. San Francisco, CA, USA: Academic, 1977, pp. 47-160.
Ebook	J. K. Author, "Title of chapter in the book," in <i>Title of Published Book</i> , xth ed. City of Publisher, Country: Abbrev. of Publisher, year, ch. x, sec. x, pp. xxx-xxx. [Online]. Available: http://www.web.com .	[4] G. O. Young, "Synthetic structure of industrial plastics," in <i>Plastics</i> , vol. 3, <i>Polymers of Hexadromicon</i> , J. Peters, Ed., 2nd ed. New York, NY, USA: McGraw-Hill, 1964, pp. 15-64. [Online]. Available: http://www.bookref.com .
Book (read in another language)	J. K. Author, "Title of chapter in the book," in <i>Title of Published Book</i> , xth ed. City of Publisher, Country: Abbrev. of Publisher (in Language), year, ch. x, sec. x, pp. xxx-xxx.	[5] K. Ichiro, <i>Thai Economy and Railway 1885-1935</i> , Tokyo: Nihon Keizai Hyoronsha (in Japanese), 2000.
Periodicals (printed)	J. K. Author, "Title of paper," <i>Abbrev. Title of Periodical</i> , vol. x, no. x, pp. xxx-xxx, Abbrev. Month, year.	[6] M. Ito <i>et al.</i> , "Application of amorphous oxide TFT to electrophoretic display," <i>J. Non-Cryst. Solids</i> , vol. 354, no. 19, pp. 2777-2782, Feb. 2008.
Periodicals (online)	J. K. Author, "Title of paper," <i>Abbrev. Title of Periodical</i> , vol. x, no. x, pp. xxx-xxx, Abbrev. Month, year, doi: xxx.	[7] M. M. Chiampi and L. L. Zilberti, "Induction of electric field in human bodies moving near MRI: An efficient BEM computational procedure," <i>IEEE Trans. Biomed. Eng.</i> , vol. 58, pp. 2787-2793, Oct. 2011, doi: 10.1109/TBME.2011.2158315.
Periodical With Article ID	J. K. Author, "Title of paper," <i>Abbrev. Title of Periodical</i> , vol. x, no. x, pp. xxx-xxx, Abbrev. Month, year, Art. no. xxx, doi: xxx.	[8] L. Kuang <i>et al.</i> , "A numerical method for analyzing electromagnetic scattering properties of a moving conducting object," <i>Int. J. Antennas Propag.</i> , vol. 2014, 2014, Art. no. 386315, doi: 10.1155/2014/386315.
Periodical in Other Language	J. K. Author, "Title of paper," (in Language), <i>Abbrev. Title of Periodical</i> , vol. x, no. x, pp. xxx-xxx, Abbrev. Month, year, doi: xxx.	[9] E. P. Wigner, "On a modification of the Rayleigh-Schrodinger perturbation theory," (in German), <i>Math. Naturwiss. Anz. Ungar. Akad. Wiss.</i> , vol. 53, p. 475, 1935.
Conference Proceedings with DOI	J. K. Author, "Title of paper," in <i>Abbreviated Name of Conf.</i> , (location of conference is optional), year, pp. xxx-xxx, doi: xxx	[10] J. Zhao, G. Sun, G. H. Loh, and Y. Xie, "Energy-efficient GPU design with reconfigurable in-package graphics memory," in <i>Proc. ACM/IEEE Int. Symp. Low Power Electron. Design (ISLPED)</i> , Jul. 2012, pp. 403-408, doi: 10.1145/2333660.2333752.
Conference Proceedings with Editors	J. K. Author, "Title of paper," in <i>Abbreviated Name of Conf.</i> , X. Editor, Ed. (location of conference is optional), year, pp. xxx-xxx.	[11] P. Funes, B. Orme, and E. Bonabeau, "Evolving emergent group behaviors for simple human agents," in <i>Proc. 7th Eur. Conf. Artif. Life</i> , P. Dittrich and J. T. Kim, Eds. Sep. 2003, pp. 76-89.
Technical report	J. K. Author, "Title of report," Abbrev. Name of Co., City of Co., Abbrev. State, Country, Rep. xxx, year.	[12] K. E. Elliott and C.M. Greene, "A local adaptive protocol," Argonne National Laboratory, Argonne, France, Tech. Rep. 916-1010-BB, 1997.
Patent	J. K. Author, "Title of patent," Country Patent xxx, Abbrev. Month, day, year.	[13] T. Mei and T. Yang, "Circuit and method for average-current regulation of light-emitting diodes," U.S. Patent 7 898 187 B1, 2011, Mar. 1, 2012. [14] K. Klionovski, "Broadband dual-band microstrip antenna," (in Russian), RU Patent Utility Model 167296, Dec. 27, 2016.
Patent Online	Name of the invention, by inventor's name. (Year, month day). Patent Number [Type of medium]. Available: site/path/file	[15] Screwless clip mounted computer drive, by D. Williams. (2005, Apr. 26). U.S. Patent 6,885,550 [Online]. Available: http://patft.uspto.gov/netacgi/6,885,550 .
Standard	<ul style="list-style-type: none"> • <i>Title of Standard</i>, Standard number, corporate author, location, date. • <i>Title of Standard</i>, Standard number, date. 	[16] <i>Parameter Values for Ultra-High-Definition Television Systems for Switzerland, Production and International Programme Exchange</i> , Rec. ITU-R BT.2020-2, International Telecommunications Union, Geneva, Switzerland, Oct. 2015. [17] <i>IEEE Criteria for Class IE Electric Systems</i> , IEEE Standard 308, 1969.
Thesis/ Dissertation	J. K. Author, "Title of thesis," M.S. thesis, Abbrev. Dept., Abbrev. Univ., City of Univ., Abbrev. State, year.	[18] N. Kawasaki, "Parametric study of thermal and chemical nonequilibrium nozzle flow," M.S. thesis, Dept. Electron. Eng., Osaka Univ., Osaka, Japan, 1993.

Reference Type	Basic Format	Example
Thesis/ Dissertation (online)	J. K. Author, "Title of thesis," M.S. thesis, Abbrev. Dept., Abbrev. Univ., City of Univ., Abbrev. State, Country, year. [Online]. Available: http://www.url.com	[19] F. Jensen, "Electromagnetic near-field far-field correlations," Ph.D. dissertation, Dept. Elect. Eng., Tech. Univ. Denmark, Lyngby, Denmark, 1970. [Online]. Available: www.tud.ed/jensen/diss
Manual	<i>Name of Manual/Handbook</i> , x ed., Abbrev. Name of Co., City of Co., Abbrev. State, Country, year, pp. xxx-xxx	[20] <i>Motorola Semiconductor Data Manual</i> , Motorola Semiconductor Products Inc., Phoenix, AZ, USA, 1989.
Manual (online)	J. K. Author (or Abbrev. Name of Co., City of Co. Abbrev. State, Country). <i>Name of Manual/Handbook</i> , x ed. (year). Accessed: Date. [Online]. Available: http://www.url.com	[21] L. Breimann. <i>Manual on Setting Up, Using, and Understanding Random Forests v4.0</i> . (2003). Accessed: Apr. 16, 2014. [Online]. Available: http://oz.berkeley.edu/users/breiman/Using_random_forests_v4.0.pdf
Software	<i>Title of Software</i> . (Version or year), Publisher Name. Accessed: Date (when applicable). [Type of Medium]. Available: site/path/file	[22] <i>Antenna Products</i> . (2011). Antcom. Accessed: Feb. 12, 2014. [Online]. Available: http://www.antcom.com/documents/catalogs/L1L2GPS_Antennas.pdf
Unpublished	J. K. Author, "Title of paper," unpublished.	[23] B. Smith, "An approach to graphs of linear forms," unpublished.
Website	First Name Initial(s) Last Name. "Page Title." Website Title. Web Address (retrieved Date Accessed)	[24] J. Smith. "Obama inaugurated as President." CNN.com. http://www.cnn.com/POLITICS/01/21/obama_inaugurated/index.html (accessed Feb. 1, 2009).

Figure and Table Guidelines

CC-BY NC-SA license

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Figure Requirements and Style Guidelines

- Make sure your graphics are appropriate to your audience, subject matter, and purpose. Line drawings, maps, charts, graphs, diagrams, photos, etc. should all be labelled as figures.
- All figures and tables must be cited in the text in numerical order. You may position them within the text of your article close to where they are cited. If the figure or table are from another source, place a reference number in brackets directly at the end of the caption.
- The position of figures and tables should be at the tops and bottoms of columns. Avoid placing them in the middle of columns. Large figures and tables may span across both columns.
- Figure captions should be centered below the figures, typed in TNR 8; table captions should be centered above with format: small caps, TNR 8, defined under the style menu "Table Heading." Leave one line space of 10 pt. before and after figure and table.
- All tables should be editable in Word and not as images.

Editorial Procedures and Peer-Review

The below given flowchart explains the manuscript submission at a glance. Once the manuscript is submitted for publication, it is subjected to initial checks, quality assessment, reviewing, and further production processing involving copyediting, lay outing and proofreading.

Initial Checks

All submitted manuscripts received by the Editorial Office will be checked by Editor-in-Chief or Managing Editor to determine whether they are properly prepared and whether they follow the

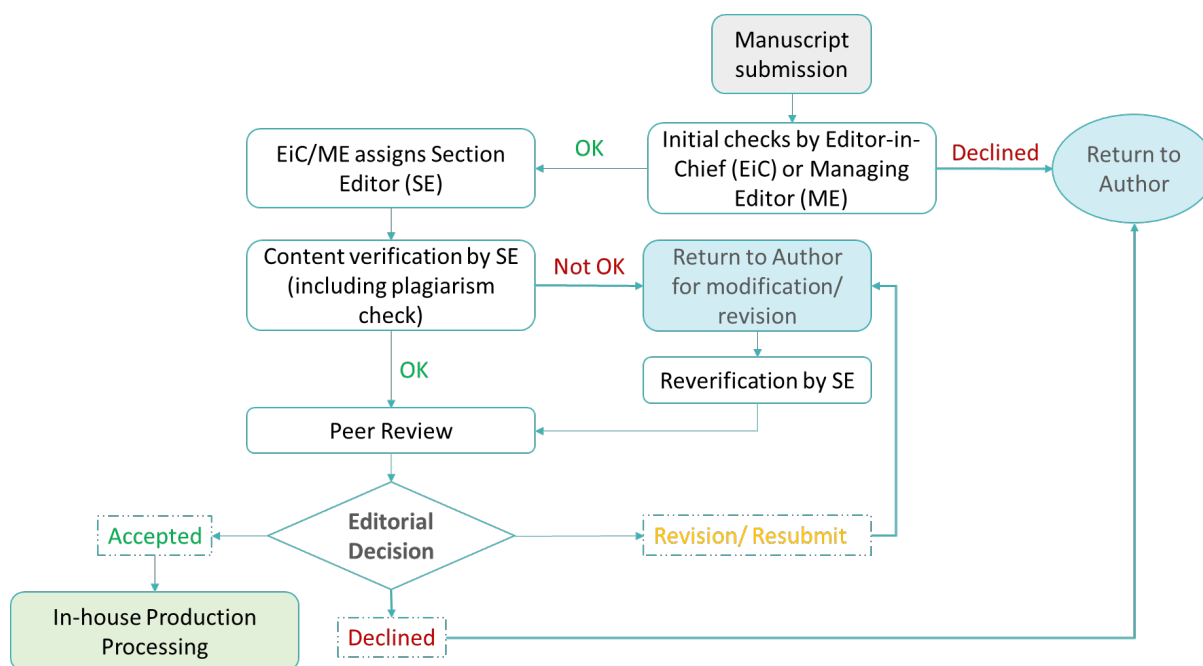


Figure 1. JET editorial process

ethical policies of the journal. Manuscripts that do not fit the journal's ethics policy, do not fit the scope of the journal or do not meet the standards of the journal will be rejected before peer-review. Manuscripts that are not properly prepared will be returned to the authors for revision and resubmission. No judgment on the potential impact of the work will be made at this stage. Reject decisions at this stage will be verified by the Editor-in-Chief.

Peer-Review

Once a manuscript passes the initial checks, it will be assigned to at least one Section Editor (SE). SE then verifies the content including plagiarism check. The manuscript will be returned to the authors for revision/modification when the similarity scores higher than 30%. Two independent experts are then assigned for peer-review. A single-blind review is applied, where authors' identities are known to reviewers. Peer review comments are confidential and will only be disclosed with the express agreement of the reviewer.

Editorial Decision

After receiving reviewers' feedbacks, the SE will synthesize the reviewer input into a decision about whether to publish the submission. The editorial decision will be one of the following:

- **Accept Submission:** The submission will be accepted without revisions.
- **Revisions Required:** The submission will be accepted after minor changes have been made.
- **Resubmit for Review:** The submission needs to be re-worked, but with significant changes, may be accepted. It will require a further round of review, however.
- **Decline Submission:** The submission will not be published with the journal.

Production and Publication

Once accepted, the manuscript will undergo professional copyediting, lay outing, proofreading by the authors, proofreader and Layout Editor, followed by publication on JET website.

Plagiarism

Following the COPE (Code of Conduct of Publication Editors, Code of Conduct and Best Practice Guidelines for Journal Editors : <http://publicationethics.org/>), the editorial committee will systematically screen the articles received by the editorial team, before sending them to peer review. The aim is to make sure that there is no overlap with other publications. Self-plagiarism will also be considered when authors omit to mention that they use part of previously published texts or material. In case of plagiarism, the editorial team will contact the author(s) to discuss the case. The aim is to find a solution and avoid plagiarism in the revised version of the text.