

The Article Title Must Be Written Succinctly and Clearly

(The title is placed flush left in Times New Roman Bold 18 font. The first letter of each title must be capitalized. Keep it concise and informative. Avoid abbreviations and formulas where possible)

Author's Name¹, Author's Name²

(The author's name is written flush left in Times New Roman 12 Bold font. Make sure each author's name is spelled correctly and complete)

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Article History

Submitted: Day, Month, Year

Accepted: Day, Month, Year

Revised: Day, Month, Year

Published: Day, Month, Year

Available online: Day, Month, Year

Abstract

The abstract is written briefly and clearly in Bahasa Indonesia and English. Contains about objectives, scope of research, methods used, research results, and conclusions. Abstracts are written in a single paragraph with 150- 200 words, using Times New Roman fonts, 10 pt, indent the first line 0,5 cm, justified. Maximum 5 words/phrases, with Times New Roman, 9 pt justified.

Keywords: nano material, hardness, vickers, agriculture.

1. Introduction

In this section, we will provide a clear outline of: (1) the general background of the study; (2) a brief literature review on related research to ensure the novelty of this article (with references to journals from the past 10 years); (3) a gap analysis consisting of statements on the research gap, novelty statement, or differences between this study and previous research; (4) explicit explanation of the issues to be addressed and hypotheses if necessary; (5) scientific contributions or research objectives.

To prepare your draft paper, use this template directly and simply replace this text with your own. These instructions must be strictly followed, and it is highly recommended to use the styles indicated in this template. It is strongly advised not to use a different paper format or style from what is mentioned in this template.

The rules for font type and size can be found in Table 1. The manuscript structure should follow the following sequence: title, authors, affiliations, abstract, keywords, main text, references.

2. Methods

This section contains a clear description of the research procedures that have been conducted, ensuring that the experiments or research can be replicated with the same results.

3. Results and Discussion

The results and discussion section includes: (1) Well-processed data, not raw data. The data should be presented in tables or graphs accompanied by easily understandable descriptions; (2) Discussion that demonstrates the relationship between the obtained results and the basic concepts and/or hypotheses; (3) Explanation of the relevance to previous similar research; (4) Implications of the research results, both theoretical and applied.

3.1. Writing Guidelines for Tables, Figures, and Equations

Tables and figures must be titled with sequential numbering. Table titles are located at the top left; font size 9 pt. Figure titles are located at the

bottom center; font size 9 pt. Figures should be easily readable; without borderlines;

formatted in TIFF with a minimum size of 300 dpi. Rules for using font type and size for table and figure titles can be seen in Table 1.

Table 1. Example table of font usage

Item	Letter	Type	Size
Title	Times New Roman	Bold	18
Author's name	Times New Roman	Bold	12
Afiliation	Times New Roman	Regular	9
Abstrak, keyword	Times New Roman	Regular	10
Heading Level 1	Times New Roman	Bold	11
Heading Level 2	Times New Roman	Italic	10
Heading Level 3	Times New Roman	Italic	10
Table title, figure title	Times New Roman	Regular	9
Main paragraph	Times New Roman	Regular	10
References	Times New Roman	Regular	10

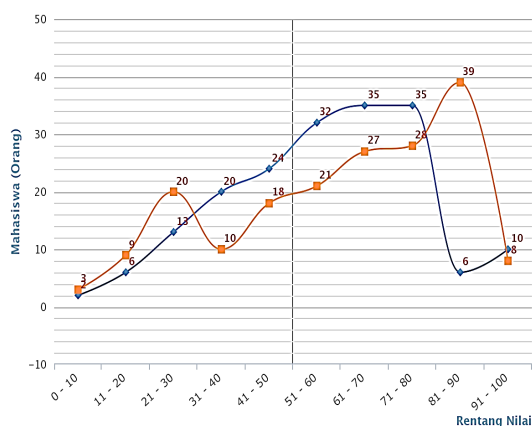


Figure 1. Example Figure.

Equations are written in a single column on the left with sequential numbering placed on the right. If the equation is too long, splitting may be necessary. An example of writing Equation (1) is as follows:

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a} \quad (1)$$

3.1.1.1. How to Cite the Bibliography

Bibliography writing follows the IEEE format. The bibliography is indicated by writing the reference number placed at the end of the sentence. Reference numbers should be written sequentially within square brackets (e.g., [1]). Multiple references can be cited as follows: [1, 2], [2-4], or [2-4, 6] for non-consecutive article numbers. Prioritize the use of the latest references published within the last 10 years. The minimum number of references is 10. Citation and bibliography writing can be done using reference management applications such as Zotero or Mendeley.

4. Conclusion

The conclusion section should briefly and clearly address: (1) Adequate answers to the research problem or objectives; (2) The final results presented should be logical and consistent with the obtained facts; (3) Implications or recommendations (recommendations are further research deemed necessary for refining the research results to be more useful). It is preferable to write it in paragraph form rather than in itemized lists or numbering.

Acknowledgments

The acknowledgment section contains thanks to those who have supported the research, whether through facilities or funding for the conducted research.

References

The bibliography must include a minimum of 20 references, citing at least 2 articles from the journal *ELEMENTER*. References should be formatted using the IEEE style, with 80% sourced from international journals indexed in Scopus, Clarivate Analytics Web of Science (SCIE & SSCI), PubMed, DOAJ, or entries from databases such as IEEE, ACM, ProQuest, CABI, Gale, EBSCO, or nationally accredited journals (Sinta 1 – Sinta 4).

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