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Abstract

[Times New Roman 11 Bold]

The abstract is written in accordance with the language used in the article. Abstract writing uses Times New Roman font size 12, space 1 and with a text length between 125-200 words. The Indonesian version of the abstract is written using standard Indonesian and English with improved spelling. The writing of abbreviations and mathematical formulas in the abstract should be avoided. The abstract describes concisely and clearly the research problem, research objectives, research procedures/methods and research results. Writing complete sentences at least contains subject and predicate elements. In writing passive sentences, the subject and predicate elements must be clear; not confused with the adverbial element (object).

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Introduction

The introduction is presented in an integrated manner in the form of paragraphs with a length of 15-20% of the length of the article, containing: background or research rationale, theoretical basis (literature review) and formulation of research objectives.

The article is an original research article or the results of a review of previous articles in the field of Technology and Vocational Education. Writing articles using Microsoft Word processor using Times New Roman font, size 12 and 1.0 space. Number of pages 5 - 10.

The systematic writing of research articles consists of title, author's name, institution and correspondence address, abstract, keywords, introduction, method, results and discussion, closing which contains conclusions and suggestions, acknowledgments and bibliography.

The systematic writing of conceptual articles (containing review results) consists of the title, author's name, institution and correspondence address, abstract, keywords, introduction, discussion, closing which contains conclusions and suggestions and bibliography.

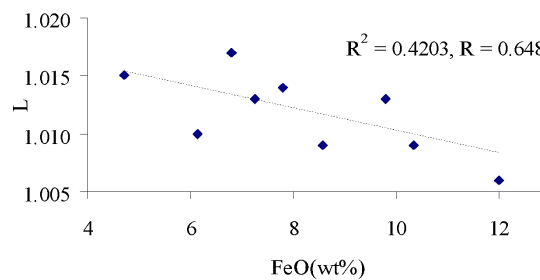


The manuscript is presented in a narrative manner (without numbering in front of subtitles) and presentation in the form of subtitles is avoided.

Formulas and equations are written separately, not within a sentence, and are numbered on the right. Formulas and equations are written using Microsoft Equation.

$$\frac{ab + cd}{\sqrt{e}} = 5f \quad (1)$$

The image is inserted in the text box and the figure caption is placed below the image. Figure captions are numbered, and the figure must be referenced in the text. Figure captions begin with uppercase letters and end with a full stop. Figure captions that are more than one line are written using 1 space. Figures are drawn with a line width of 1 pt and should have a good quality of contrast.



Gambar 1. Plots of lineation (L) and FeO content showing negative correlation.

Research Methods

The method section is written with a length of 15 - 20% of the length of the article, containing research design, data collection techniques and data sources as well as how to analyze data.

Results and Discussion

Results and discussion are presented with a length of 60-70% of the length of the article. Results are the main part of scientific articles that contain: results of data analysis, results of hypothesis testing, can be equipped with tables or graphs, to clarify the results verbally.

Discussion is the most important part of the entire content of scientific articles, at least 4 (four) pages. The purpose of the discussion is: answering research problems, interpreting findings, integrating findings from research into existing knowledge sets, developing new theories or modifying existing theories.

Tables are made with a line width of 1 pt and the table caption is placed above the table. Table captions consisting of more than 2 lines are written using 1 space. Table lines are prioritized horizontal lines only while vertical lines are omitted.

Table 1. Elemental compositions of sampling sites

Site	SiO ₂ (wt%)	TiO ₂ (wt%)	Al ₂ O ₃ (wt%)	FeO (wt%)	MnO (wt%)	MgO (wt%)	Na ₂ O (wt%)
GIJ	54.8	0.5	16.4	7.81	0.19	2.74	3.00



GPW	53.1	0.78	19.0	9.80	0.18	4.57	2.55
GSR	59.5	0.62	16.3	6.15	0.17	3.09	3.09
KLB	51.5	0.67	15.7	7.27	0.14	5.07	2.59
KSG	52.0	1.90	17.1	9.79	0.15	3.79	3.33
PWH	55.8	0.58	20.9	6.81	0.12	1.55	3.00

If the figure or table requires two columns, it should be placed at the top or bottom of the page, such as Figure 2.

Conclusion

The closing contains conclusions and suggestions. Conclusions contain answers to the research questions. The suggestions refer to the results of the research and are in the form of practical actions, mentioning who and what the suggestions are for. The closing section is written in essay form, not in numerical form.

Acknowledgments

Acknowledgments are addressed to official institutions or individuals as funders, or who have made other contributions to the research. Acknowledgments should be accompanied by the research contract letter number.

Author Contributions

Please state each author's contribution to this work, it can be up to several sentences long and should briefly describe the tasks of individual authors. e.g., AB conducted the research; CD analyzed the data; AB wrote the paper; ...; all authors had approved the final version.

Availability of data and materials

All data are available from the authors.

Competing interests

The authors declare no competing interest.

Additional information

No additional information from the authors.

References

The Bibliography is written in full, according to the references in the description. The bibliography only contains sources referred to in the description. At least 50% of the references are literature published in the last 10 years. At least 50% of references are research articles in journals or research reports.

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The writing of the manuscript and the citations referred to in the manuscript use the Electrical and Electronics Engineers (IEEE) format and are sorted sequentially. Authors are strongly advised to use reference manager applications such as Mendeley, Zotero, Reffwork, End Note and the like. [Times New Roman, 12, normal]. The following is an example of reference writing:

References must not be less than 15 and must include a DOI link for each citation used. Example:

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