



## Title Written Without Using Place Names or Acronyms: Maximum 16 Words – Arial Narrow 16pt

First Author<sup>1</sup>, Second Author<sup>1\*</sup>, Third Author<sup>2</sup>, Fourth Author<sup>1,3</sup> (Cambria 10 pt, Without a Degree)

<sup>1</sup>Universitas Negeri Gorontalo, Gorontalo 96554, Indonesia

<sup>2</sup>Universitas Negeri Makassar, Makassar 90222, Indonesia

<sup>3</sup>Affiliation Name, City Postal code, Country (Cambria, Italic, 10 pt) [\(Cara Penulisan Author dan Afiliasi yang benar dapat dilihat di link ini\)](#)

### Article Info

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#### \*Corresponding author:

author@address.com

### Abstract

The abstract contains a summary of the research conducted without any citations of other people's research. The abstract should be concise, clear, and focus on the problem (gap analysis), objectives, methods, research findings or results (with particular emphasis on the research findings), and possibly the implications of the findings (if necessary). Avoid writing abbreviations and formulas in the abstract. In addition, when choosing keywords, it is important to consider keywords or key terms that appear in the title and abstract, avoid using abbreviations, and separate them with semicolons (;). The abstract should be written using Cambria font with a font size of 9 pt, single-spaced, and single-spaced line spacing. The abstract consists of 150 to 250 words and consists of only one paragraph.

**How to Cite:** Last name, Initials. (Year). Article title. *Jambura Journal of Educational Chemistry*, Volume(issue), page range. <https://doi.org/10.37905/jjec.vXiX.XXXX>

## 1. INTRODUCTION

The general problem brief related to the research conducted, maximum 1 paragraph with supporting references. The core problem that needs to be solved based on facts and/or hypothesis (if available). The problem must be objective (questioned by reputable journals or reputable research institutions, not questioned based on the author's opinion). Review of previous research (similar) to justify the novelty of this article (there must be references to journals in the last 5 years, international journals are better). There is a description of the statement of the gap (originality) or novelty between this research and previous relevant research based on the "state of the art".

How to cite (citation) using primary and direct references. It is not allowed to cite using indirect citations for example: According to Kilo in Ahmad (2023). Citation using mendeley with **APA 7th edition style** which fully shows the author's name, year of

publication. For example: The results of research conducted (Azura & Copriady, 2017) on class X MIA students of SMA Negeri Pekanbaru on chemical bonding material found that the percentage of students who experienced misconceptions was 39.90%. Arial Narrow-11 upright, with a space between lines of 1.15 lines. Each paragraph begins with a word that protrudes 5-6 digits (1 Tab), or about 1.2 cm from the left edge of each column. The paragraph spacing before and after is 0 pt.

## 2. METHOD

Contains the type of research, time and place of research, targets, research subjects, procedures, instruments and data analysis techniques.

## 3. RESULT AND DISCUSSION

### 3.1. Result

Research results are presented in graphical, tabular, or descriptive form. Analysis and interpretation of these results are required before they are discussed.

### 3.2. Discussion

The discussion is very important in the article. The discussion focuses on discussing the research problem, linking the data and the results of its analysis with existing knowledge, and developing new theories or updating existing theories. Discussion is also the answer to the question of why facts are found as in the data.

### 4. CONCLUSION

The conclusion contains three important things, namely generalization of findings according to research problems, research limitations, and recommendations for further research.

### 5. ACKNOWLEDGEMENTS

Acknowledgements are directed to a person, institution or organization that has contributed to the research, such as a funder from a particular institution.

### 6. REFERENCES

All references, quotations and citations in the article must be included in this bibliography. Reference sources are standard (primary) scientific sources in the form of articles, textbooks, translated textbooks, scientific papers / thesis / dissertation, collections of research abstracts or proceedings, and the internet. Each submitted article contains a minimum of twenty (20) references from primary sources. Articles are 80% and other literature is 20%, published in the last ten (10) years (70% = last 3 years, 30% last 10 years, preferably last 5 years). Citations obtained from books, for example; according to (Laliyo, 2021), in the form of articles (Laliyo et al., 2022), (Saija et al., 2024) in the form of proceedings (Mohamad et al., 2023), in the form of thesis/dissertation scientific work (Hasani, 2022), in the form of the web (National Education Standards Agency, 2019). Writing references systematically using the Mendeley Reference Manager application. The writing style systematically follows the writing rules (style) "American Psychological Association 7th edition (APA style)". Written in single space, between the bibliography is spaced 1 space (in Layout Spacing After 6 pt).

#### Book

Laliyo, L. A. R. (2021). *Mendiagnosis Sifat Perubahan Konseptual Siswa: Penerapan Teknik Analisis Stacking Dan Racking Rasch Model*. Deepublish.

#### Conference Proceedings

Mohamad, E., Paputungan, M., & Dahiba, A. (2023). The Effect of The Problem-Based Learning (PBL) Model with a Multi-Representation Approach on Students' Critical Thinking Skills in The Buffer Solution Concept. In B. Yulianto, H. Susanto, M. R. Becker, M. Nurjayadi, G. Molnar, Y. Andriani, W. T. Kyaw, A. P. Metaragakusuma, H. S. Panigoro, & S. A. Jose (Eds.), *E3S Web of Conferences* (p. 04001).  
<https://doi.org/10.1051/e3sconf/202340004001>.

#### Journal Article

Laliyo, L. A. R., Sumintono, B., & Panigoro, C. (2022). Measuring Changes in Hydrolysis Concept of Students Taught by Inquiry Model: Stacking and Racking Analysis Techniques in Rasch Model. *Heliyon*, 8(3), e09126.  
<https://doi.org/10.1016/j.heliyon.2022.e09126>

Saija, M., Tahya, D., & Filindity, Y. T. (2024). Validation of Environmental Chemistry LKM Based on The Mangrove Ecosystem to Pre-Service Students'. *Jambura Journal of Educational Chemistry*, 6(1), 21-26. <https://doi.org/10.37905/jjec.v6i1.21112>

#### Thesis

Hasani, S. U. M. (2022). Kajian Pemahaman Konsep Ikatan Kovalen pada Mahasiswa Pendidikan Kimia Universitas Negeri Gorontalo (UNG). In *Skripsi*.

#### Website

Badan Standar Nasional Pendidikan. (2019). Standar Nasional Pendidikan. Retrieved September 21, 2019, from <http://bsnp-indonesia.org/standar-nasional-pendidikan/>.

Rauf, A. B. (2021). FMIPA Luncurkan Program Kampus Mengajar. Retrieved September 24, 2021, from <https://www.ung.ac.id/home/berita/fmipa-luncurkan-program-kampus-mengajar>

#### Important Notes:

##### a) Mathematical Equation

The formula is presented independently from the text, with numbering aligned to the right. It is composed using Microsoft Equation. Example as follows:

$$P = \frac{X}{JS} \times 100\% \quad (1)$$

#### b) The Tables

The Tables are created with a line width of 1pt, and the table title is positioned above the table. Data within tables consisting of more than 2 lines is formatted using single spacing. Table borders consist only of horizontal lines; vertical lines are not included. An example of how to format a table is provided in Table 1.

Table 1. Capitalize the first word and lowercase the rest (1 space, 11 pt)

No.	Assessment Aspect (10 pt)	Score
X	Abcdefgh	70
Y	ijklmnop	75
Z	qrstuvwxyz	80

#### c) The Figure/Graphic

The figure is embedded within a text box, with the caption positioned beneath it. The caption is numbered and must be referenced within the text. Captions start with capital letters. For images with multiple lines, captions are formatted with single line spacing. The image is outlined with a 1pt line width and should exhibit high contrast quality. All figures must be provided at a resolution of 300 ppi. Figures in the form of bar graphs or similar should be editable. Please create in excel.



Figure 1. Capitalize the first word and lowercase the next.

#### d) Examples of Tables and Figures/ Graphic can be seen in the following link:

[https://docs.google.com/document/d/1-FSEe\\_uUlgzyfe7\\_j0rZtDobpSCGRVBo/edit?usp=sharing&oid=116715351367463240114&rtpof=true&sd=true](https://docs.google.com/document/d/1-FSEe_uUlgzyfe7_j0rZtDobpSCGRVBo/edit?usp=sharing&oid=116715351367463240114&rtpof=true&sd=true)

#### e) Abbreviations, Terms, and Foreign Words,

Abbreviations, Terms, and Foreign Words, are permitted but must be written out in full when first mentioned and enclosed in parentheses. Foreign words and terms are italicized. Notations should be concise and clear in accordance with the style and General Guidelines for Indonesian Spelling (Pedoman Umum Ejaan Bahasa Indonesia/PUEBI).

#### f) Instructions for Submitting Manuscripts Online

The submission guidelines are available for download at the following link:  
<https://drive.google.com/file/d/1mOn-bhE7xB2N5aHFbYBV0brVWJYtW9ue/view?usp=sharing>

**Selalu gunakan file naskah terakhir yang dikembalikan oleh editor sebagai dasar untuk melakukan perbaikan.**

Kami mencatat bahwa pada beberapa proses revisi, author mengembalikan naskah yang bukan merupakan turunan dari file terakhir yang telah diedit oleh editor. Hal ini menyebabkan:

- Pekerjaan editor menjadi terulang dari awal, padahal sejumlah perbaikan format, bahasa, dan struktur telah diberikan pada naskah sebelumnya.
- Risiko inkonsistensi format, karena author mungkin mengedit file versi lama yang masih mengandung kesalahan yang sudah diperbaiki editor.
- Memperlambat proses publikasi, karena editor perlu melakukan pengecekan ulang terhadap perbaikan yang sebelumnya sudah diselesaikan.