Title (Palatino Linotype Bold 18 pt)

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Type of the Paper (Article, Review, Communication, etc.)

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(*Palatino Linotype Italic 10 pt*)

**Abstract: (Palatino Linotype Bold 10 pt)** The abstract should not exceed 200 words and must provide a clear and concise overview of the research. It should briefly introduce the background and purpose of the study, outline the applied methodology, highlight the key results, and present the main conclusions of the paper. The abstract must reflect the content of the manuscript objectively and should not include information or results not discussed in the main text. (Palatino Linotype 10 pt)

**Keywords: (Palatino Linotype Bold 10 pt)** keyword 1; keyword 2; keyword 3 (List three to six keywords. (Palatino Linotype 10 pt)

1. Introduction (Palatino Linotype Bold 12 pt)

The Introduction should provide a clear and concise overview of the research context and establish the relevance and originality of the study. It should briefly place the topic within a broader scientific framework and explain why the research is important. The main purpose of the study should be clearly stated, along with its scope, specific research questions, hypotheses, or goals. An adequate review of the relevant literature is expected, demonstrating the author’s familiarity with key publications and previous findings in the area. References must be cited in the order in which they appear in the text and enclosed in square brackets (e.g., [1], [2,3], or [4–6]). Paragraphs should be indented by 0.75 cm. (Palatino Linotype 10 pt)

2. Materials and Methods (Palatino Linotype Bold 12 pt)

Materials and Methods should be described in sufficient detail to enable replication and verification of results. New methods should be described in detail, while established methods may be briefly summarized and properly cited. If large datasets are deposited in public repositories, their location and accession numbers must be provided. The section should include appropriate citations to the methodology, and the research should be grounded in relevant theory or concepts. Employed methods must be suitable for the research purpose. (Palatino Linotype, 10 pt)

3. Results (Palatino Linotype Bold 12 pt)

Full details of the analyses and results must be included in the paper itself. Results should be presented clearly and analysed appropriately. It should provide a concise and precise description of the experimental results, their interpretation, as well as the experimental conclusions that can be drawn. (Palatino Linotype 10 pt)

3.1. Subsection (Palatino Linotype Italic 10 pt)

3.1.1. Subsubsection (Palatino Linotype 10 pt)

Typographical symbols (bullets), which are being used for marking an item in a list or for enumeration, are placed at a beginning of a line.

* First bullet;
* Second bullet;
* Third bullet.

The same rule is valid when items are numbered in a list:

1. First item;
2. Second item;
3. Third item.

The text continues here. (Palatino Linotype 10 pt)

3.2. Figures, Tables and Schemes (Palatino Linotype Italic 10 pt)

All figures and tables should be cited in the main text as Figure 1, Table 1, etc. (Palatino Linotype 10 pt)

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**Figure 1.** This is a figure. (Palatino Linotype 9 pt)

**Table 1.** This is a table. (Palatino Linotype 9 pt)

|  |  |  |
| --- | --- | --- |
| **Title 1** | **Title 2** | **Title 3** |
| a | data | data |
| b | data | data |
| c | data | data1 |

1 Tables may have a footer. (Palatino Linotype 9 pt)

Title 1, 2, 3 - **(Palatino Linotype Bold 10 pt)**;a, b, c, data - (Palatino Linotype 10 pt)

The article should be written in English, using terminology and measurement systems aligned with legal regulations, relevant standards, and the International System of Units (SI) (Quantities and Units: ISO 80000 – Parts 1 to 14). The text should be written in the third person. (Palatino Linotype 10 pt)

3.3. Formatting of Mathematical Components (Palatino Linotype Italic 10 pt)

Equations in the text are numbered with Arabic numerals inside the round brackets on the right side of the text. Inside the text they are referred to with equation number inside the round brackets i.e. ".... from Eq. (3) follows ...." (Create equations with Equation Editor.)

(1)

(2)

Variables that are used in equations and also in the text or tables of the article are formatted as italics in the same font size as the text. (Palatino Linotype 10 pt)

4. Discussion (Palatino Linotype Bold 12 pt)

Authors should discuss the results and how they can be interpreted from the perspective of previous studies and of the working hypotheses. The findings and their implications should be discussed in the broadest context possible. Future research directions may also be highlighted. (Palatino Linotype 10 pt)

5. Conclusions (Palatino Linotype 12 pt)

The Conclusion should briefly summarize the main findings of the study and clearly state how they relate to the research objectives or hypotheses. It should highlight the significance and implications of the results, acknowledge any limitations of the research, and, if applicable, suggest directions for future work. (Palatino Linotype 10 pt)

**Acknowledgments:** **(Palatino Linotype Bold 9 pt)** In this section, you can acknowledge any support given which is not covered by the author contribution or funding sections. This may include administrative and technical support, or donations in kind (e.g., materials used for experiments). (Palatino Linotype 9 pt)

References (Palatino Linotype 12 pt)

**References** **(Palatino Linotype Bold 9 pt)** must be numbered in order of appearance in the text (including citations in tables and legends) and listed individually at the end of the manuscript. Include the digital object identifier (DOI) for all references where available. Use IEEE Referencing Style for the references. (Palatino Linotype 9 pt)

In the IEEE style, references are cited numerically in square brackets in the order in which they appear in the text.

Examples:

..as shown in [1].

Several methods have been proposed [2], [3]. (Palatino Linotype 9 pt)

Examples of references in the reference list:

1. Book:

[1] A. A. Author, *Title of Book*, xth ed. Place of publication: Publisher, Year.

Example:

[1] D. K. Cheng, *Field and Wave Electromagnetics*, 2nd ed. Reading, MA: Addison-Wesley, 1989.

2. Journal article:

[2] A. A. Author and B. B. Author, *Title of article*, *Title of Journal*, vol. x, no. x, pp. xxx–xxx, Month Year.

Example:

[2] J. Smith and M. Brown, "Microstructure evolution during steel solidification," *Journal of Metallurgical Science*, vol. 48, no. 3, pp. 215–222, Mar. 2021.

3. Conference paper:

[3] A. A. Author, "Title of paper," in *Proceedings of the Name of Conference*, City, Country, Year, pp. xxx–xxx.

Example:

[3] L. Novak, "Laser surface hardening of tool steels," in *Proc. 12th Int. Conf. on Advanced Materials*, Vienna, Austria, 2019, pp. 87–92.

4. Thesis or dissertation:

[4] A. A. Author, "Title of thesis," M.S. thesis or Ph.D. dissertation, Department, University, City, Country, Year.

Example:

[4] I. Horvat, "Analysis of wear resistance of thermal spray coatings," Ph.D. dissertation, Faculty of Mechanical Engineering and Naval Architecture, University of Zagreb, Croatia, 2020.

5. Online source:

[5] A. A. Author (if available), "Document title," Website name, publication date. [Online]. Available: URL [Accessed: Month Day, Year].

Example:

[5] ASM International, "Metals Handbook Online," ASM International, 2023. [Online]. Available: https://www.asminternational.org [Accessed: Feb. 10, 2024].