Article title

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| **Article history**  *Received \*\*\*\* \*\*, \*\*\*\**  *Accepted for publication \*\*\*\* \*\*, \*\*\*\** | |
| **Abstract** | |
|  | The abstract should consist of a single paragraph containing no more than 300 words. It should be a summary of the paper and not an introduction. Your abstract should give readers a brief summary of your article. It should concisely describe the contents of your article. |
| **Keywords:** term, term, term (Please provide 3-6 keywords). | |

This document shows the suggested format and appearance of a manuscript prepared for JPCR journal. Accepted papers will be professionally typeset. This template is intended to be a tool to improve manuscript clarity for the reviewers. The final layout of the typeset paper will not match this template layout.

## *Language*

## All papers should be written in English or French.

## *1.2 Page Setup and Fonts*

Top, bottom, left, and right margins should be 2.5 cm. Use Times New Roman font throughout the manuscript, in the sizes and styles shown in Table 1.

**Table 1** Recommended fonts and sizes.

|  |  |
| --- | --- |
| **Style name** | **Brief description** |
| **Article Title** | **16 pt, bold** |
| **Author Names** | **12 pt, bold** |
| Author Affiliations | 10 pt |
| Abstract | 10 pt |
| Keywords | 9 pt |
| **Heading 1** | **12 Pt, bold** |
| *Heading 2* | *12 pt, italic* |
| *Heading 3* | *11 pt, italic* |
| Body Text | 11 pt |
| Figure caption | 10 pt |
| Table caption  References | 10 pt  10 pt |

**Parts of a Manuscript**

This section describes the normal structure of a manuscript and how each part should be handled.

**1. Introduction**

This should be concise and describe the nature of the problem under investigation and its background. It should also set your work in the context of previous research, citing relevant references.

## 2. Method

## *2.1 Subsection Headings (Heading 2)*

Subsection headings should be numbered 1.1, 1.2, etc.

## Formatting Equations: Authors are strongly encouraged to use MS Word Equation Editor or MathType to create both in-text and display equations. For example the expression for the field of view is :

(1)

where is the …...., is the ......

### *2.1.1 Sub-subsection headings (Heading 3)*

Sub-subsection headings should be numbered 1.1.1, 1.1.2, etc. Only the first word is capitalized.

**3. Results**

**4. Discussion**

**Figures and Tables**

## Figures



## Figure 1. Ratio to the present calculation of our empirical values, the theoretical values of Scofield [6], the semi-empirical values of Daoudi et al. [18] and the experimental data of Ertuğrul [3].

**Tables**

**Table 1.** The semi-empirical and empirical calculations

of *Kβ/Kα* intensity ratios for elements from 11Na to 20Ca

according to their target atomic numbers.

|  |  |  |
| --- | --- | --- |
| **Z** | **Empirical** | **Semi-empirical** |
| 11 | 0.0051 | 0.0052 |
| 12 | 0.0126 | 0.0128 |
| 13 | 0.0235 | 0.0238 |
| 14 | 0.0368 | 0.0371 |
| 15 | 0.0512 | 0.0516 |
| 16 | 0.0656 | 0.0660 |
| 17 | 0.0792 | 0.0796 |
| 18 | 0.0914 | 0.0918 |
| 19 | 0.1021 | 0.1023 |
| 20 | 0.1111 | 0.1113 |

**5. Conclusion**

This section should be used to highlight the novelty and significance of the work, and any plans for future relevant work.

## References

The References section lists books, articles, and reports that are cited in the paper. The references are numbered in the order they are cited [1]. Multiple sequential references should be displayed with a dash between the first and last numbers [1–5]. Examples of reference styles:

[1] A. Kahoul, M.R. Khelladi, S. Daoudi. J. Phys. Chem. Res**21** (2005) 47-51.

[2] F. Khalfallah, S. Thabti, I. Chikouche. *Handbook of physics*, 7th ed., St. Martin’s, New York (2012).

[3] M.E. Fine, L.D. Brown, H.L. Marcus. Scr. Mater.**18** (1984**)** 951-956.

[4] T. Özer. Can. J. Phys. **98** (2020) 357-363.