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**Title Sample IJP paper for A4 page size**

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| **Abstract** | **Article Info.** |
| This document gives formatting instructions for authors preparing papers for publication in Iraqi journal of physics. The authors must follow the instructions given in the document for the papers to be published. You can use this document as both an instruction set and as a template into which you can type your own text.…………………………………………………………..………………… must range (150-250) words. | **Keywords:***Include, no, more, than,* ***5*** *keywords.*  |
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**1. Introduction**

This document is a template [1]. An electronic copy can be downloaded from the Journal website. For questions on paper guidelines, please contact the journal publications committee as indicated on the journal website [2].

**1.1. Page Layout**

An easy way to comply with the paper formatting requirements is to use this document as a template and simply type your text into it. Your paper must use a page size corresponding to A4 which is 210 mm (8.27") wide and 297mm (11.69") long. The research should be in the form of single column [3].

**1.2. Page Style**

All paragraphs must be indented by 1 cm. All paragraphs must be justified, i.e. both left-justified and right-justified.

**1.3. Text Font of Entire Document**

The entire document should be in Times New Roman for English. Recommended font sizes are shown in Table 1.

Equations should be provided using Microsoft Word’s equation tool (Equation editor). Equations should be numbered consecutively, in round brackets, on the right-hand side of the page. They should be referred to as Eq. (1) in bold, etc. in the main text.

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

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**2. Experimental Work**

The used materials and methods section should contain sufficient detail. It may be divided into headed subsections if several methods are described.

***Table 1: Font sizes for papers.***

|  |  |
| --- | --- |
| Font Size | Appearance (in Time New Roman or Times) |
| Regular | Bold | Italic |
| 14 | Manuscript Title | Manuscript Title |  |
| 13 | paragraph title | paragraph title |  |
| 12 | paper main text, reference, equations, subtitle | paragraph subtitle |  |
| 11 | author name, table caption, figure caption | author name, table caption, figure caption | table caption, figure caption |
| 10 | Abstract,author email address, article information |  | author affiliation |

**2.1. Section headings**

No more than 3 levels of headings should be used. All headings must be in 12pt bold font. Only the first word in a heading must be capitalized letter.

**3. Results and Discussion**

The results and discussion should be presented in one combined section. Figures and tables must be positioned at the centre of the page. Large figures and tables may take the whole page, must take the page border in consideration. Graphics may be full color with high resolution and without borders. Fig. 1 shows an example of accepted high-resolution color.

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*Figure 1:* *If figures have more than one part, each part should be labeled (a), (b), etc.*

**4. Conclusions**

In this section we welcome you to include a summary of the end results of your research. Font should be Times New Roman, 12 pt.

**Acknowledgements (optional)**

The authors would like to thanks ... for sharing so-called insight and comments.

**Conflict of interest (Mandatory)**

Authors declare that they have no conflict of interest.

**Funding (optional)**

This study was funded by X (grant number X).

**Ethical Approval (optional)**

This article does not contain any studies with human participants or animals performed by any of the authors.

**References**

* The heading of the references section must not be numbered.
* The references are at least **25** and are written according to the Journal's style:
* All reference items must be in 10 pt font.
* Please use Regular and Italic styles to distinguish different fields as shown in the References section.
* DOI for each reference must be included.
* Number the reference items consecutively in square brackets.
* When referring to a reference item, please simply use the reference number, as in [2].
* Do not use “Ref. [3]” or “Reference [3]” except at the beginning of a sentence, e.g. “Reference [3] shows …”.
* Multiple references (not serial) are each numbered with separate coma (e.g. [2, 3]), while serial one like [1-3].
* 50% of references are recent and are within the last five years.

IJP References style (format)

**Papers**

1. Initial of Author’s first name Author’s Surname, Journal Name (Journal Name in an abbreviated format and italics) Vol. No. (in bold), first page no. only, (Year of publication). DOI

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2. Initial of author’s first name Author’s Surname Title of the Book (in italics) (Country Name: Publisher Name) (ed.) (in italics) Initial of Editor first name Editor’s Surname Starting Page No. (Year of publication).

**Examples**

**Papers**

One author: J. M. Jansen, Phys. Rev. B **26**, 1 (2020).

Two authors: J. M. Jansen and R. Brown, Phys. Rev. B **26**, 1 (2021).

Several authors: J. M. Jansen, R. Brown, C. Green, D. Jones, and A. Lee, Phys.

 Rev. B **6**, 1 (2004).

**Books**

J. M. Smith, *Molecular Dynamics* (Academic, New York, 1980), Vol. 2, p. 20. [published, use italic title; additional information (Vol., Chap., Sec., p., etc.) as appropriate]

J. M. Smith, in *Molecular Dynamics*, edited by C. Brown (Academic, New York, 1980). [published, use italic title; for edited works use form “in” and “by”]

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**Theses**

J. M. Jansen, Ph.D. thesis, Michigan state University, 2009.

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**الخلاصة**

 هذا الملف يوضح التعليمات الواجب أتباعها لتحضير البحث لغرض النشر في المجلة العراقية للفيزياء. يرجى أتباع التعليماتً. يمكنك استخدام هذا الملف كتعليمات او يمكنك استخدامه كقالب جاهز حيث يمكنك نسخ النصوص من البحث ولصقها في هذا القالب ولكن مع مراعاة اختيار حقل (نسخ النص فقط) عند اللصق. اذا واجهتك صعوبات رجاءا لاتتردد في الاتصال في المنضد الرسمي للمجلة. يجب ان تتراوح الخلاصة بين (150 - 250) كلمة.

**الكلمات المفتاحيه:** تتحدد بخمسة كلمات فقط.