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##### ABSTRACT

All manuscripts must be accompanied by an abstract. The abstract should briefly state the problem or purpose of the research, indicate the theoretical or experimental plan used, summarize the principal findings, and point out the major conclusions. Abstract length is one paragraph and should not be more than 200 words. An abstract is often presented separately from the article, so it must be able to stand alone. Please do not use any abbreviations and compound numbers in the abstract.

**Keywords:** provide maximum 6 significant keywords to aid the reader in literature retrieval. The first letter of each keyword is capitalized and separated with a comma (,).

**INTRODUCTION**

The introduction of the manuscript should be written in good and grammatically checked English. State the objectives of the work and provide an adequate background, avoiding a detailed literature survey or a summary of the results. Please ensure that every reference cited in the text is also present in the reference list (and vice versa). It could be presented using a reference manager [1], in which Mendeley is the recommended one [2,3]. Indicate references by number(s) in square brackets in line with the text. The actual authors can be referred to, but the reference number(s) must always be given. Example: “..... as demonstrated [4,5]. Rao and Rao [6] obtained a different result ....”.

Remember, mention the full form of abbreviations when they appear for the first time in the text.

**EXPERIMENTAL SECTION**

Provide sufficient detail to allow the work to be reproduced, including Materials, Instrumentation, and procedures.

**Materials**

Please provide details of the manufacture and purity of the materials used, e.g., CH3COOH (99% purity Merck, Germany). This sub-section is presented in a paragraph consisting of several complete sentences.

**Instrumentation**

Identification of instruments used should be addressed in this section. The manufacturer and the model should be mentioned (e.g., JASCO UV-Vis Spectrophotometer). This sub-section is presented in a paragraph consisting of several complete sentences.

**Procedure**

Methods already published should be indicated by a reference: only relevant modifications should be described. An Equation may appear in-text or as a separate item; in such a case, it should be indicated by a number in parentheses on the right column margin. Such equations are referred to in-text as Eq. (1), and so on.

|  |  |
| --- | --- |
|  | (1) |

***Sub procedure***

For theoretical or computational works, this EXPERIMENTAL SECTION may be modified into Computational Details, including the Software, Algorithms, Equations, etc. It is not necessary to include the Materials or Instrumentations for a sole theoretical/computational work.

**RESULTS AND DISCUSSION**

The findings are presented in this section. The actual results and discussion, supported by schemes, figures, graphs, tables, reactions, and equations. These items should be numbered clearly. Schemes and Figures must be drawn with the help of **ChemDraw** or other similar software. All Tables and figures must have a title or caption and a legend to make them self-explanatory. In addition, the equation should be written using the equation editor. Graphs, diagrams, or curves copied from excel have to be pasted in editable ones.

**Sub-title 1**

The table should be inserted directly into the text.

**Table 1.**

|  |  |  |  |
| --- | --- | --- | --- |
| No | Variable (unit) | Data (unit) | Data (unit) |
|  |  |  |  |
|  |  |  |  |
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The figures should be inserted directly into the text.

**Figure 1.**

The figures with a 6-7 cm width inserted in a single column or 12-14 cm for a double column should be clear and readable. Use letters and figures with a font of Arial 8 for scales, legends, and notes. Use 1.5 pt for the width of lines in the figures. Row spectra original from the measurement usually are not clear and not acceptable. Those have to be edited previously before being published.

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**Sub-sub title 2**

**CONCLUSION**

This section should emphasize the significant interpretations and conclusions of the paper as well as their significance. The main conclusion must correspond to the research objective as a short conclusion, which may stand alone or form a subsection of a Discussion or Results and Discussion section. The conclusion is not the repetition of the abstract. The potential implication of the findings may be presented in this part.

**SUPPORTING INFORMATION**

If necessary, provide the supporting information (additional table(s), figure(s), equation(s), etc.) related to the present work. The editors will provide a full link to the article and the SI if the manuscript is accepted.

**ACKNOWLEDGEMENTS**

Generally, the last paragraph of the paper is the place to acknowledge people (dedications), places, and financing (state grant/contract numbers and sponsors here). The acknowledgment should be brief and must be written about the original supporters of the work and to the reputed institutions.

**CONFLICT OF INTEREST**

State that the authors have no conflict of interest.

**AUTHOR CONTRIBUTIONS**

First Author conducted the experiment, Second Author conducted the DFT calculations, First Author and Third Author wrote and revised the manuscript. All authors agreed to the final version of this manuscript.

**REFERENCES**

References are placed at the end of the manuscript. The authors are responsible for the accuracy and completeness of all references. References must be up to date; the total references cited is a minimum of 20, and the minimum percentage of up-to-date references (published less than ten years) is 80%. Number the references (numbers in square brackets) in the list in order to appear in the text. Specifically, be guided by the following example:

[1] Widjonarko, D.M., Jumina, Kartini, I., and Nuryono, 2014, Phosphonate modified silica for adsorption of Co(II), Ni(II), Cu(II) and Zn(II), *Indones. J. Chem.*, 14 (2), 143–151. [Journal article]

[2] Hutama, A.S., Huang, H., and Kurniawan, YS, 2019, Investigation of the chemical and optical properties of halogen-substituted N-methyl-4-piperidone curcumin analogs by density functional theory calculations, *Spectrochim. Acta - Part A Mol. Biomol. Spectrosc.*, 221, 117152. [Journal article]

[3] Reed, S.C., Crites, R.W., and Middlebrooks, E.J., 1995, *Natural Systems for Waste Management and Treatment.*, McGraw-Hill, Inc., New York, USA, p.114. [Books]

[4]. Chester, A. W., and Chu, Y. F., 1982, U.S. Pat. 4 350 835. [Patents]

[5]. Villa, RR, 1999, Corrosion induced by CO2- and H2S-saturated steam condensates in the Upper Mahiao Pipeline, Leyte, Philippines, *20th Annual PNOC—EDC Geothermal Conference*, New World Hotel, Makati City, Philippines, March 4-5. [Conference papers]

[6] Rao, C.N.R, and Rao, K.J., 1992, “Ferroics” in *Solid State Chemistry Compounds*, Eds. Cheetam, A.K., and Day, P, P., Clarendon Press, Oxford, pp. 281-96. [Chapter in a Book]