

Journal of Chemical Science & Nanotechnology (JCSN)

Journal of Chemical Science & Nanotechnology (JCSN) is an open access multidisciplinary journal that publishes original research articles, review articles and short-communication on all areas of Chemistry and Nano chemistry. Submission of manuscript to this journal implies that the work is original. The work has not been published elsewhere and that is not consideration for publication to any other scientific journals.

Scope of the journal

Journal of Chemical Science & Nanotechnology (JCSN) publishes original research work includes: Organic Chemistry, Physical Chemistry, Analytical Chemistry, Polymer Sciences, Medicinal Chemistry, Natural Chemistry, Biochemistry, Analytical Research Works, QSAR Studies, Nanotechnology, Biotechnological Research Works, Method and Process Development etc.

Manuscript preparation

Contributors submitting manuscript for consideration for publication should follow the following guidelines.

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Manuscripts should be prepared in MS word format and typewritten on an A4 sheet having '1.5' line-spacing throughout the text. The margins should be 2.54cm (1inch) in all sides and page number should be consecutively on the bottom of the page. The manuscript should be written in Time new roman using '12' font size and not exceed 30 pages. Manuscripts must be written in English. For non-native English language authors, the article should be proof read by a language specialist. Poor use of English could result in rejection of the manuscript.

Manuscript content

For original research paper, the manuscript should be arranged in the following order: Title page (Title, Full Author name, Author affiliate address & email of corresponding author), Abstract, keywords, Introduction, Materials and methods, Results, Discussion (this section may be combined with results), Acknowledgements, References, Tables with legends, Figures with legends and Supplementary materials (if applicable).

Title and contact information

The first page should contain the full title, the full names of authors and affiliations of all authors (Department, Faculty, University, City, and Country) including a valid e-mail address for the corresponding author along with telephone and fax numbers. The Title of the manuscript should be specific and concise but sufficiently informative.

Abstract

The abstract should contain brief summary of findings and conclusion of the study. The abstract should not contain abbreviations references or diagrams. The abstract must not go to more than 300 words each for original and review papers or 150 words for short communications.

Key words

Author should provide no more than 6 key words. The Key words should arrange alphabetically. Acronyms should be avoided.

Introduction

The introduction should be arguing the case study, outlining essential background and the objectives of the work. Avoid a detailed literature survey or a summary of the results.

Materials and methods

The materials and methods section should be include sufficient technical information about the materials and the analytical and statistical procedures used. Describe new methods completely and give sources of useful chemicals and equipment.

Results

Result and discussion can be written separately or combined. The results obtained from the experiments including their statistical evaluation and any explanation should be presented graphically or in tables in this section. This section may be organized into subheadings. Extensive interpretation of the results should be reserved for the Discussion section. Avoid similar data in both table and figure form. Photographs to those that is absolutely necessary to show the experimental findings. Number figures and tables in the order in which they are cited in the text, and be sure to cite all figures and tables.

Discussion

The Discussion section should provide an interpretation of the results in relation to previously published works. It should not contain extensive repetition of the Results section. The Discussion may be organized into subheadings.

Conclusion

In the conclusion section, author should state the most important outcome of the work by interpreting the findings at a higher level of abstraction than the Discussion and by relating these findings to the motivation stated in the Introduction. Do not simply summarize the points already made in the body. Conclusions must not contain references to the cited literature.

Acknowledgements

In this section author should give credit to people who have helped author with the research or with writing the paper. If the author work has been supported by a grant, author should also give credit for that in this section.

Scientific names

Scientific names should be complete and italics (genus, species, and authority, and cultivar where appropriate) for every organism at the first mention. The generic name can be abbreviated from second times. In addition, gene name must be italics.

Nomenclature

Nomenclature for genes and proteins must follow international standards. All gene symbol and loci should be in italics and capital. All chemical, biochemical, and molecular biology nomenclature should be followed by IUBMB recommendation (<http://www.chem.qmul.ac.uk/iubmb/>). Database for gene or protein sequence or others should be given reference according to EMBL; GenBank, or the Protein Data Bank.

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- All illustrations (photographs, drawings, graphs, etc.), not including tables, must be labelled “Figure.” Figures and table must be submitted at the end of the manuscript, after the references, not in the running text.
- All tables and figures must have a caption and/or legend and be numbered (e.g., Table 1, Figure 2), unless there is only one table or figure, in which case it should be labelled “Table” or “Figure” with no numbering. Captions must be written in sentence case (e.g., Microscopic view of *Trichoderma*.). The font used in the figures should be Times New Roman.

Symbols, units, and abbreviations

- In general, the journal follows CSE Style and Format, The CSE Manual for Authors, Editors, and Publishers, Council of Science Editors, Reston, VA, USA (7th ed.).
- If symbols such as \times , μ , η , or v are used, they should be added using the Symbols menu of Word.
- Degree symbols ($^{\circ}$) must be used from the Symbol menu, not superscripted letter o or number 0.
- The International System of Units (SI) should be employed for measurements. When one unit appears in a denominator, the unit should be presented as a fraction (g/m^2); for two or more units in a denominator, use negative exponents ($\text{g m}^{-2} \text{d}^{-1}$).
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Statistical analysis

Statistical analysis is to be done if necessary. Biological data without statistical analysis cannot be accepted.

References

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- In-text citations appear in brackets, and consist of the author(s) last name, as well as the document's year of publication (e.g. Rahman 2012). The end reference list appears in alphabetical order by author last name.
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- When two or more authors work together on a source, write them in the order in which they appear on the source, using this format:

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For journal articles published online ahead of print or online only, the DOI should be used:

Rahman, M. A.; Moni, Z. R.; Hussen, M. A.; Ansari, T. H. Prevalence of fungal diseases in medicinal plants in northern region of Bangladesh. *SAARC J. Agric.* 2009, 17(2), 197-212. DOI: <https://doi.org/10.3329/sja.v17i2.45306>

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Example: Falero, E. M.; Fernandez, S. M.; Antonio, D.; Abril, G. *Quantitative techniques in participatory forest management*. 4th ed.; Bota, R., Ed.; Academic Press: New York, 2003; pp 1-39.

Chapter in a book

Structure: Author(s). Book title (In italic). Edition,; Publisher: Place of Publication. Chapter #, Chapter title, Year; pp. Pages of the chapter.

Example: Shmulsky, R.; Jones, D. P. *Forest product and wood science an introduction*. 6th ed.; John Wiley & Sons: Surrey (U.K). Chapter 6, Juvenile wood, reaction wood, and wood of branches; pp 107-139.

Thesis or dissertation

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Example:

1. Rahman, M. A. Screening of *Trichoderma* spp. and their efficacy as a bioconversion agent of municipal solid waste through appropriate technique of solid state fermentation. Ph.D. Dissertation, University of Rajshahi, Bangladesh, 2009.
2. Mäckel, H. Capturing the spectra of silicon solar cells. Ph.D. Thesis, The Australian National University, December 2004.

Conference papers or proceedings

Manly, S. Collective flow with PHOBOS. Presented at the 20th Winter Workshop on Nuclear Dynamics [Online], Trelawny Beach, Jamaica, March 15–20, 2004. University of Rochester, DSpace Web site. <http://hdl.handle.net/1802/228> (accessed Oct 13, 2004).

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Example: Torreta, N. K.; Takeda, H.; Azuma, J. I. Presented at the 20th Winter Workshop on Nuclear Dynamics [Online], Trelawny Beach, Jamaica, March 15–20, 2004. University of Rochester, DSpace Web site. <http://hdl.handle.net/1802/228> (accessed Oct 13, 2004).

Online source

For online articles provided as content in a subscription database, use the reference style for periodicals or nonscientific magazines as appropriate, and include the name of the database provider, the URL of the top page, and the date accessed.

Example: Hallet, V. Scanning the Globe for Organic Chemistry. *U.S. News and World Report* [Online], April 19, 2004, p 59. Business Source Premier. <http://www.epnet.com/academic/bussourceprem.asp> (accessed April 24, 2005).

Articles published online

Structure: Authors. Title of Article. *Journal Abbreviation* [Online early access]. DOI or other identifying information. Published Online: Month Day, Year. URL (accessed Month Day, Year).

Example:

Rahman, M. A.; Begum, M. F.; Alam, M. F. Screening of *Trichoderma* Isolates as a biological control agent against *Ceratocystis paradoxa* causing pineapple disease of Sugarcane. *Mycobiology*. [Online early access]. DOI: 10.4489/MYCO.2009.37.4.277. Published Online: December 31, 2009. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3749418/>. htm (accessed September 20, 2020).

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Online books with editors

Authors. Chapter Title. In *Book Title* [Online]; Editor 1, Editor 2, etc., Eds.; Series Information (if any); Publisher: Place of Publication, Year; Volume Number, Pagination. URL (accessed Month Day, Year).

Oleksyn, B. J.; Stadnicka, K.; Sliwinski, J. Structural Chemistry of Enamines: A Statistical Approach. In *The Chemistry of Enamines* [Online]; Rappoport, Z., Ed.; The Chemistry of Functional Groups; Patai, S., Rappoport, Z., Series Eds.; Wiley & Sons: New York, 1994; Chapter 2, pp 87–218. <http://www3.interscience.wiley.com/cgi-bin/summary/109560980/SUMMARY> (accessed April 24, 2005).

Online encyclopedias

Structure: Article Title. *Encyclopedia Title*, edition [Online]; Publisher, Posted Online Posting Date. URL (accessed Month Day, Year).

Example: Alkanolamines from Nitro Alcohols. *Kirk-Othmer Encyclopedia of Chemical Technology* [Online]; Wiley & Sons, Posted March 14, 2003. <http://www.mrw.interscience.wiley.com/kirk/articles/alkaboll.a01/frame.html> (accessed Nov 7, 2004).