

Current Trends in Computational and Applied Natural Sciences

Author Guidelines

Current Trends in Computational and Applied Natural Sciences (CTCANS) aims to publish cutting-edge research spanning multiple areas of computational and applied natural sciences. Researchers are invited to submit original, high-quality studies that enhance the development of science and knowledge within these disciplines.

Manuscript Format

All manuscripts should be submitted in MS Word format. Figures and images need to be placed in the manuscript where they are intended to appear in the final publication.

Preparation of Manuscript

Manuscripts must be submitted in English and typed double-spaced on A4 (8.5" × 11") paper with 1-inch margins. The content should be organized in the following order: Title, Abstract, Keywords, Introduction, Materials and Methods, Results, Discussion, Conclusion, Acknowledgments, Conflicts of Interest, and References.

Title Page

The title page must feature the title of the paper in bold, title case (font size 14), with the authors' names in regular font, upper case (font size 12), followed by their addresses in lowercase. The corresponding author should be marked with an asterisk. The title should be concise and clearly convey the essence of the work being discussed. Authors' names should be formatted as initials followed by last names. In the bottom left corner of the title page, include "*Address For correspondence" along with a functional email address. The address for the corresponding author should only be provided if it differs from that stated under the authors' names.

Abstract

The abstract should begin on a new page following the title page and must be typed in double-spaced to differentiate it from the Introduction. Abstracts need to concisely

summarize all components of the research. The manuscript is required to include an abstract comprising 150 to 250 words.

Keywords

Include four to six relevant keywords following the abstract.

Introduction

A concise introduction to the research issue should be presented, accompanied by a summary of existing literature and the research objectives.

Materials and Methods

Outline the materials involved in the experiment, the year it was conducted, and the location. Summarize the methods utilized for data collection briefly.

Results and Discussion

This section should concentrate on achieving the objectives outlined in the introduction. The findings should be presented using tables, figures, and photographs.

References

References should be numbered in the order they first appear in the text, rather than alphabetically. Within the text, tables, and legends, use Arabic numerals in superscript to indicate references. Any references mentioned solely in tables or figure legends should be numbered based on the order of their initial mention in the text related to that specific table or figure.

Journal Articles

Smith JA and Doe RK. Advances in computational methods for drug design. Curr Trends Comput Appl Nat Sci. 2021;15(2):134-48. <https://doi.org/xx.xxx/xxxx>

A Book

Brown LT and Green MP. Principles of computational biology. 2nd ed. New York: Science Press; 2019.

A Chapter in a Book

Martin RH and Mart ER. Computational models in ecology. In: Lee PJ, editor. Trends in applied natural sciences. London: Nature Books; 2018. p. 53-78.

Conference Proceedings

Williams T and Cole A. Machine learning applications in drug discovery. In: Lee PJ, editor. Proceedings of the International Conference on Computational Sciences; 2020. Berlin: Springer; 2020. p. 102-10.

Website

World Health Organization. Computational methods in disease prevention. WHO. 2023 [cited 2024 Oct 29]. Available from: <https://www.who.int/disease-prevention>

Thesis or Dissertation

Lewis MJ. Computational approaches in biomedicine [doctoral dissertation]. London: University of Health Sciences; 2017.

Illustrations

The figure caption should not be embedded within the figure itself. Instead, it should be placed below the corresponding figure, numbered sequentially as Figure 1, Figure 2, Figure 3, and so on. All figures should be positioned within the relevant sections of the manuscript.

All tables need to be submitted in a format that can be edited, rather than as images. Position tables within the article next to the relevant text. Number the tables sequentially as they appear in the text, for example: (Table 1), with the caption located above the table, and continue the sequence with Table 2, Table 3, and so on. Table format should be as follows:

Ligand Name	Accession Number	Molecular Weight

Types of Articles and Page Number Limitations

Full-Length Research Articles: Manuscripts should not exceed 8,000 words (approximately 24-32 pages), including references, tables, figures, and supplementary materials. Short Communications: Manuscripts should not exceed 3,000 words (approximately 8-12 pages), including references and any accompanying figures or

tables. Review Papers: Manuscripts should not exceed 6,000 words (approximately 18-24 pages), including references, figures, and tables.

Submission of Manuscript

All manuscripts must be written in English and submitted in MS Word format. Please use our online submission system for all manuscript submissions. Or submit through e-mail at editorctcans@gmail.com as an attachment for quick evaluation.

Copyright and Permission

Submission of a manuscript implies that it has not been previously published and is not being considered for publication elsewhere. Authors will be required to sign a copyright transfer form (provided by the Editor) prior to the publication of the manuscript.

Ethical Matter

Authors reporting results from in vivo experiments involving animals or humans must indicate whether the relevant ethics committee provided approval for conducting these experiments, as detailed in the Materials and Methods section. Additionally, authors intending to publish research involving human subjects must submit a notary-verified letter of approval from the Ethics Committee or the Institutional Review Board.

Authors are requested to submit their research articles in strict accordance with the format specified in the author guidelines.

Website: https://venkinformatics.com/journal_details

Email id: editorctcans@gmail.com