

GUIDELINES FOR AUTHORS/CONTRIBUTORS

Manuscripts for the Journal

The Journal of Science publishes the results of research in all aspects of science and technology, in the form of articles, Short communications and Correspondence. The Journal has a wide coverage of subject areas, which include Physical Science, Biological Science, Environmental Science, Computer Science and Applied Science.

Types of papers considered for publication

Articles are full-length papers presenting complete description of original research or technological achievements. Short communications are brief descriptions on new findings that are significant enough to publish without more complete description as a full paper. Correspondence about one or more article in a recent issue of the journal may also be published. All papers are subject to refereeing procedures.

Guide to preparation of manuscripts

The manuscript should be free of corrections. The language of publication is English. The style of writing should conform to acceptable English usage, Slang, jargon, unauthorized abbreviated phrasings and the like should be avoided. The length of the article is restricted to ten printed pages including figures and tables or its equivalent manuscript pages. To avoid unnecessary delays, authors should adhere strictly to the following instructions.

Manuscript Layout: Although a rigid format is not insisted, it is usually, convenient to divide the papers in to sections such as ABSTRACT, KEY WORDS, INTRODUCTION, MATERIALS AND METHODS, RESULTS, DISCUSSION, CONCLUSIONS, ACKNOWLEDGEMENT AND REFERENCES.

Title: The title should be concise and specific. When the length of the title exceeds 45 characters, a *running title* should be indicated. The name of the institute where the research was carried out should be stated with author's name. The corresponding authors name should be underlined. If the present address is different from the given address then it should be given a foot note.

Abstract: A self-contained abstract of approximately up to 200 words should be provided, summarizing in a single paragraph the new information and the author's conclusions. For plant and animals use both common and scientific names in this section unless they are given in the title.

Materials and methods: The materials and methods should be described in sufficient detail for the protocol to be replicated. Repetition of methodological details can sometimes be avoided by referring to previous studies. If any special equipment (with details of model type/number), chemicals and reagents used then it should be included in the reference, after mentioning for the first time. Animal information should include:

bred, breeder, sex, age, weight and the maintenance of conditions. For drugs, generic names should be used; trade names may be given in brackets where the drug is first mentioned. In the case of new drugs or chemicals, a full chemical description (formula) should be given. This section may also contain description of the statistics used and the activities that were recorded. *Ethical note*: where ethical considerations arise from the study, these should be addressed either in the main methods section itself (where the additional discussion is relatively minor) or in a separate subsection of the methods headed ethical note. Any ethical implication of the experimental design and procedures should be identified, and any license acquired to carry out the work specified. Procedures that were taken to minimize the welfare impact on subjects, including choice of sample sizes, use of pilot tests and predetermined rules for intervention, should be described.

Key words: A list of 3 to 5 key words chosen within the paper should be provided.

Figures and Tables: Figures and Tables should be numbered consecutively and given suitable caption with reference in the text.

If you send the figures and tables in separate sheets, please label each figure and table with their numbers and the name of the author.

For the final submission it is essential to produce the figures in either in .jpg or .bmp format. This will help us to type set the final printing.

Foot notes to tables should be typed below the table and should be referred to by superscript symbols #, † and ‡. No vertical rules should be used. Tables should not duplicate results presented elsewhere in the manuscript, (e.g., in graph)

Photographs: Photographs must be of good quality, printed on glossy paper. Photocopies and the photocopies of the photomicrographs are not acceptable. Colour photographs are accepted only when it is very essential to describe the text.

References: Special care must be taken in citing references correctly. The accuracy of the citation is entirely with the author(s). It is the author's responsibility to obtain written permission to produce material, which has appeared in another publication. Reference in the text should be numbered and listed under reference section stating the name of the author(s), year of publication (in brackets), title of the paper journal (in italic fonts), volume and issue and the page range (e.g., 80-85).

Example:

Book:

Gregory, G., and Parry, T. (2006). *Designing brain-compatible learning* (3rd Ed.). Thousand Oaks, CA: Corwin.

Chapter of a Book:

Bergquist, J. M. (1992). German Americans. In J. D. Buenker & L. A. Ratner (Eds.), *Multiculturalism in the United States: A comparative guide to acculturation and ethnicity* (pp. 53-76). New York, NY: Greenwood.

Journal Article with DOI:

Paivio, A. (1975). Perceptual comparisons through the mind's eye. *Memory & Cognition*, **3**:635-647. doi:10.1037/0278-6133.24.2.225

Journal Article without DOI

Becker, L. J., and Seligman, C. (1981). Welcome to the energy crisis. *Journal of Social Issues*, **37**(2): 1-7

Online Report:

Kenney, G. M., Cook, A., and Pelletier, J. (2009). Prospects for reducing uninsured rates among children: How much can premium assistance programs help? Retrieved from Urban Institute website: <http://www.urban.org/url.cfm?ID=411823>

Units: The SI system of units should be used throughout the article.

Refereeing

Every paper will be referred to at least two referees familiar with the field of research covered by the paper, who will be nominated by the editorial board.

Proofs

The corresponding author will receive galley proofs by mail for correction, which must be returned to the editor within one week of receipt. Please note that alterations in the text cannot be permitted during the proof reading.

Copyright

Once the paper is accepted a copyright-transfer form will be sent along with the proofs. Duly filled and signed form should be sent to the editor along with the proofs as mentioned above.

Submission of Manuscript

The manuscript should be type written using Microsoft word with 1.15 spacing on one side of A4, paper with 3 cm margin in all sides and fond size of 12 pt Times New Roman. Manuscripts in LaTeX with 12pt will also be accepted. The length of the article is restricted to ten printed pages including figures and tables or its equivalent manuscript pages. **Manuscript will be accepted only in electronic format.**

Address of the corresponding author

It should be given in a separate page as an attachment. It is important to keep the editor informed any change in your address.

Address for submission: jsc@esn.ac.lk

The Editor-in-Chief

Journal of Science
Faculty of Science
Eastern University, Sri Lanka.
Chenkalady,

Telephone: +94 65 2240755,

Fax: +94 65 2240758