



Author Guidelines for the Journal 'RASSA Journal of Science for Society'

The Journal 'RASSA Journal of Science for Society' covers topics and issues related to all the disciplines of Sciences and Humanities with special emphasis on the translational impact of this research on the Society. This journal is published triannual (April, August, December) by the Royal Association for Science-led Socio-cultural Advancement (RASSA) Society, New Delhi. It is available in print and online versions.

'RASSA Journal of Science for Society' is peer-reviewed and publishes original research reports, review papers, communications, news and comments screened by national and international researchers who are experts in their respective fields. Original manuscripts that enhance the level of general awareness in science and society are encouraged and invited. The manuscripts must be unpublished and should not have been submitted for publication elsewhere. There are no publication charges.

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Guidelines for the Preparation of Manuscripts

The journal 'RASSA Journal of Science for Society' accepts following types of submissions-

Research Articles

Research articles are original reports representing a potential or actual short and long term impact of research findings on the society. The length of these articles should not normally exceed **4000 words** and have **no more than 50 references**. Articles have an abstract of up to 200 words and should not contain references. It should be understandable to general readers outside the discipline.

Articles text is divided into Introduction, Methods, Results, and Discussion. Results and discussion can be combined to bring brevity. Text in Materials and methods, Results and Discussion may contain subheadings. An article should not have more than 8 display items (figures or tables).

Word counts refer to the text of the paper. Abstract, References, Title, Author list and Acknowledgements are not included in total word counts.

Letters

Letters are short reports of original research focused on an outstanding finding. They do not normally exceed **2000 words**, and have **not more than 25** references. They do not contain headings and subheadings but begin with a short general introduction, aimed at readers in other disciplines, followed by description of methods results and a succinct discussion. Letters typically have 3 or 4 display items (figures or tables).

Word counts refer to the text of the paper. Abstract, References, Title, Author list and Acknowledgements are not included in total word counts.

Other contributions to RASSA Journal of Science for Society

Other contributions types are suggested below-

- Reviews
- Letters to the Editor
- Scientific correspondence
- News and Comment relevant to journal aims and scope
- Opinion
- Book reviews
- Perspectives
- Policy Issues
- Obituaries

Preparation and organization of manuscript

All portions of the manuscript must be typed double-spaced, and all pages numbered starting from the title page.

The **Title** should be a brief phrase describing the contents of the paper. The **Title Page** should include the authors' full names and affiliations, the name of the corresponding author along with phone, fax and E-mail information. Present addresses of authors should appear as a footnote.

The **Abstract** should be informative and completely self-explanatory, briefly present the topic, state the scope of the experiments, indicate significant data and point out major findings and conclusions. The Abstract should be up to 200 words in length for regular article. Complete sentences, active verbs, and the third person should be used, and the abstract should be written in the past tense. Standard nomenclature should be used and abbreviations should be avoided. No literature should be cited in the abstract.

Following the abstract, about 3 to 6 **keywords** that will provide indexing references should be listed.

A list of non-standard Abbreviations should be added. In general, non-standard abbreviations should be used only when the full term is very long and used often. Each abbreviation should be spelled out and introduced in parentheses the first time it is used in the text. Only recommended SI units should be used. Authors should use the solidus presentation (mg/ml). Standard abbreviations (such as ATP and DNA) need not be defined.

The **Introduction** should provide a clear statement of the problem, the relevant literature on the subject, and the proposed approach or solution.

Materials and methods should be complete enough to allow experiments to be reproduced. However, only truly new procedures should be described in detail; previously published procedures should be cited, and important modifications of published procedures should be mentioned briefly. Capitalize trade names and include the manufacturer's name and address. Subheadings should be used. Methods in general use need not be described in detail.

Results should be presented with clarity and precision. The results should be written in the past tense when describing findings in the authors' experiments. Previously published findings should be written in the present tense. Results should be explained, but largely without referring to the literature.

Discussion, speculation and detailed interpretation of data should not be included in the Results but should be put into the Discussion section. The Discussion should interpret the findings presented in the results obtained in this and past studies on this topic. State the conclusions in a few sentences at the end of the paper. The **Results and Discussion** sections can include subheadings, and when appropriate, both sections can also be combined.

The **Acknowledgments** of people, grants, funds, etc should be brief and are a must for research articles and letters.

Tables are to be typed double-spaced throughout, including headings and footnotes. Tables should be kept to a minimum and must be designed to be as simple as possible. Each table should be on a separate page, numbered consecutively in Arabic numerals and supplied with a heading and a legend. Tables should be self-explanatory without reference to the text. The details of the methods used in the experiments should preferably be described in the legend instead of in the text. The same data should not be presented in both table and graph form or repeated in the text.

Figures and Graphics should be prepared using applications capable of generating high-resolution GIF, TIFF, JPEG or MS Powerpoint before pasting in the MS Word manuscript file. Tables should be prepared in Microsoft

Word. Use Arabic numerals to designate figures and upper case letters for their parts (Figure 1). **Figure legends** should be typed in numerical order on a separate sheet. Begin each legend with a title and include sufficient description so that the figure is understandable without reading the text of the manuscript. Information given in legends should not be repeated in the text.

References In the text, a reference identified by means of an author's name should be followed by the date of the reference in parentheses. When there are more than two authors, only the first author's name should be mentioned, followed by 'et al'. In the event that an author cited has had two or more works published during the same year, the reference, both in the text and in the reference list, should be identified by a lower case letter like 'a' and 'b' after the date to distinguish the works.

Examples:

Abayomi (2000), Agindotan et al. (2003), (Kelebeni, 1983), (Usman and Smith, 1992), (Chege, 1998; Chukwura, 1987a,b; Tijani, 1993,1995), (Kumasi et al., 2001)

References should be listed at the end of the paper in alphabetical order. Articles in preparation or articles submitted for publication, unpublished observations, personal communications, etc. should not be included in the reference list but should only be mentioned in the article text (e.g., A. Kingori, University of Nairobi, Kenya, personal communication). Journal names are abbreviated according to Chemical Abstracts. Authors are fully responsible for the accuracy of the references.

Examples:

Ogunseitan OA (1998). Protein method for investigating mercuric reductase gene expression in aquatic environments. *Appl. Environ. Microbiol.*, 64: 695–702.

Gueye M, Ndoeye I, Dianda M, Danso SKA and Dreyfus B (1997). Active N₂ fixation in several *Faidherbia albida* provenances. *Ar. Soil Res. Rehabil.*, 11: 63–70.

Charnley AK (1992). Mechanisms of fungal pathogenesis in insects with particular reference to locusts. In: Lomer CJ, Prior C (eds) *Biological Controls of Locusts and Grasshoppers: Proceedings of an international workshop held at Cotonou, Benin*. Oxford: CAB International, pp 181–190.

Mundree SG and Farrant JM (2000). Some physiological and molecular insights into the mechanisms of desiccation tolerance in the resurrection plant *Xerophytaviscosa* Baker. In Cherry et al. (eds) *Plant tolerance to abiotic stresses in Agriculture: Role of Genetic Engineering*, Kluwer Academic Publishers, Netherlands, pp 201–222.

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