

TANZANIA JOURNAL OF SCIENCE

INSTRUCTIONS TO AUTHORS

The Tanzania Journal of Science is published by the College of Natural and Applied Sciences, University of Dar es Salaam. Contributions on original work are accepted in the fields of pure and applied science as full research papers and short communication. Comprehensive reviews and book reviews will be accepted at the discretion of the editor. Authors are requested to strictly follow the instructions below.

1. Submission

- 1.1 All papers and a covering/submission letter should be submitted electronically.
- 1.2 Submission of a paper implies that it has not been published previously, and is not simultaneously under consideration for publication elsewhere.
- 1.3 All editorial correspondence should be addressed to:
The Chief Editor, Tanzania Journal of Science, University of Dar es Salaam, P.O. Box 35065, Dar es Salaam, TANZANIA.
E-mail: TJS@Science.udsm.ac.tz

2. Manuscript preparation

- 2.1 Manuscripts must be typewritten, double spaced and with margins of at least 2.5 cm on the top and left side of the papers.

2.2 Use font *Times New Roman* 12

2.3 Limit your manuscripts to a maximum of **25 typed pages of A4 size including illustrations** (e.g. photographs, diagrams, tables). The maximum length for **short communications will be 15 typed pages**

3. Figures and tables

- 3.1 Figures and tables should appear in numerical order and be described in the body of the text.
- 3.2 Originals of all figures should be in black ink and all lettering should be **bold**, readable, and big enough to allow reduction for final layout. Use 11/2 pt line thickness for line drawings.
- 3.3 Figures, tables and other illustrations must be placed separately at the end of the paper. Indicate in pencil in the margins, recommended positions of figures, chemical schemes and tables in the text. An example of table layout is shown in Table 1.
- 3.4 Figure captions should be written on a separate sheet, but table titles should be typed on the same page as the table.

Table 1: Dimensions that should be used for the Tanzania Journal of Science articles.

	Text area (mm)	A4 paper		US (Imperial) paper	
		(mm)	(in)	(mm)	(in)
Depth	270	297	11.69	279.32	11.0
Width	185	210	8.27	215.84	8.5

4. Units

4.1 The International System of Units (SI units) must be used throughout. Equivalent units e.g. pounds, miles, may be given in parentheses after the appropriate SI unit.

5. Manuscript content

Manuscripts should contain the following parts:

5.1 Title

This must be short and precise. Abbreviations are not allowed. The title will be followed by the author(s) name(s), postal and E-mail addresses.

5.2 Abstract

This should be a brief summary of what was done, the main findings and the conclusions drawn. **The abstract should not exceed 200 words.** All papers, including short communications must have abstracts. Key words (maximum 5) may be written below the abstract.

5.3 Introduction

This should contain a brief survey of the relevant literature and the objectives of the work. It should also state knowledge gaps that need to be filled.

5.4 Materials and Methods

Sufficient information should be given, including relevant references, so that the study can be repeated by someone else.

5.5 Results

All illustrations must bear full captions, and must be specifically mentioned in the text, e.g. "potassium ions enhanced stomata opening (Fig.5)". The same data should not be presented both in the form of a graph and a table. Shorter tables and graphs should be combined to save space.

5.6 Discussion

This should emphasize the significance of the results and their relationship with other published work, and with the original objectives of the investigation. A brief concluding statement and recommendations for further work are normally given in the final paragraph.

The section on results and that on discussion may be combined to give one section on "Results and Discussion."

5.7 Acknowledgements

This should be very brief, about one to two sentences.

5.8 References

5.8.1 Citation in text

5.8.1.1 Use surname of author and year of publication: John (2000) or (John 2000).

5.8.1.2 Different references cited together should be in date order, for example: Mark 1970, Peter and Suleiman 1998, Green 2000).

5.8.1.3 If a paper has been accepted for publication but has not been published the term "(in press)" should be used instead of a date.

5.8.1.4 The abbreviation "et al." should be used in the text when there are more than two co-authors of a cited paper, for example: Maharage et al. (2001) or (Maharage et al. 2001).

5.8.2 List of references

5.8.2.1 References should be listed alphabetically at the end of the paper. Only the literature actually cited in the text should be listed here.

5.8.2.2 In the case of journals, authors' names followed by initials, the year of publication the title of the article, the name of the journal, the volume and the first and last pages of the article should be given in that order, for example:

a) Playne MJ 1984 Increased digestibility of bagasse by pretreatment with alkali and steam explosion. *Biotechnology Bioeng.* **26**:426-433.

b) Hecky RE, Mugidde R, Twongo T, Balirwa J and Mavuti K 2000 Ecosystem change in Lake Victoria. *Tanzania J. Science* **28**: 50-61.

5.8.2.3 Book reference styles: a) standard, b) article in a book, c)thesis

a) Schlegel HG 1988 General Microbiology. 6th ed, Cambridge University Press, Cambridge.

b) Boyton WV 1984 Cosmochemistry of the rare earth elements: Meteorite studies. In: Henderson P (ed) *Rare earth element geochemistry* Elsevier, Amsterdam.

c) Tamminen T 1990 *Eutrophication and the Baltic sea: Studies on phytoplankton, bacterioplankton and pelagic nutrient cycles*. PhD thesis, Department of Environmental Conservation, University of Helsinki.