



JOURNAL OF APPLIED RESEARCH AND TECHNOLOGY

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AUTHOR INQUIRIES

INTRODUCTION

Types of issues

Regular
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Types of paper

Contributions falling into the following categories will be considered for publication:

Full length Articles report original research that has not previously published.

Review Articles give a critical assessment of a particular field covered by the journal. A limited number of review articles can be annually published by JART. Review articles should be limited to 50,000 characters (incl. blanks), up to 15 figures and up to 10 tables.



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BEFORE YOU BEGIN

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With the manuscript, it is mandatory to submit the names and email addresses of 3 potential referees.

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The final choice of referees will remain entirely with the Editors.

Additional information

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Ensure the graphics are high-resolution and in the preferred formats which are either TIFF or EPS.

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PREPARATION

Peer review

This journal operates a single blind review process. All contributions will be initially assessed by the editor for suitability for the journal. Papers deemed suitable are then sent to a minimum of two independent expert reviewers to assess the scientific quality of the paper. The Editor is responsible for the final decision regarding acceptance or rejection of articles. The Editor's decision is final. For more information on the types of peer review, please visit: <http://www.elsevier.com/reviewers/peer-review>.

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It is important that the file be saved in the native format of the word processor used.

The text should be in single-column format. Keep the layout of the text as simple as possible. Most formatting codes will be removed and replaced on processing the article. In particular, do not use the word processor's options to justify text or to hyphenate words. However, do use bold face, italics, subscripts, superscripts etc.

When preparing tables, if you are using a table grid, use only one grid for each individual table and not a grid for each row. If no grid is used, use tabs, not spaces, to align columns.

The electronic text should be prepared in a way very similar to that of conventional manuscripts (see also the Guide to Publishing with Elsevier: <http://www.elsevier.com/guidepublication>).

Note that source files of figures, tables and text graphics will be required whether or not you embed your figures in the text. See also the section on electronic artwork.



To avoid unnecessary errors you are strongly advised to use the 'spell-check' and 'grammar-check' functions of your word processor.

LaTeX

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Article structure

Subdivision - numbered sections

Divide your article into clearly defined and numbered sections. Subsections should be numbered 1.1 (then 1.1.1, 1.1.2, ...), 1.2, etc. (the abstract is not included in section numbering).

Use this numbering also for internal cross-referencing: do not just refer to 'the text'.

Any subsection may be given a brief heading. Each heading should appear on its own separate line.

Introduction

State the objectives of the work and provide an adequate background, avoiding a detailed literature survey or a summary of the results.

Material and methods

Provide sufficient detail to allow the work to be reproduced. Methods already published should be indicated by a reference: only relevant modifications should be described.

Results

Results should be clear and concise.

Discussion

This should explore the significance of the results of the work, not repeat them. A combined Results and Discussion section is often appropriate.

Avoid extensive citations and discussion of published literature.

Conclusions

The main conclusions of the study may be presented in a short Conclusions section, which may stand alone or form a subsection of a Discussion or Results and Discussion section.

Appendices (If any)

If there is more than one appendix, they should be identified as A, B, etc. Formulae and equations in appendices should be given separate numbering: Eq. (A.1), Eq. (A.2), etc.; in a subsequent appendix, Eq. (B.1) and so on. Similarly for tables and figures: Table A.1; Fig. A.1, etc.

Essential title page information

- *Title*. Concise and informative. Titles are often used in information-retrieval systems. Avoid abbreviations and formulae where possible.

- *Author names and affiliations*. Please clearly indicate the given name(s) and family name(s) of each author and check that all names are accurately spelled.

Present the authors' affiliation addresses (where the actual work was done) below the names.

Indicate all affiliations with a lower-case superscript letter immediately after the author's name and in front of the appropriate address.

Provide the full postal address of each affiliation, including the country name and, if available, the e-mail address of each author.

- *Corresponding author*. Clearly indicate who will handle correspondence at all stages of refereeing and publication, also post-publication.

Ensure that the e-mail address is given and that contact details are kept up to date by the corresponding author.



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Abstract

A concise and factual abstract (100-250 words) in American or British English (but not a mixture of them) is required. The abstract should state briefly the purpose of the research, the principal results and major conclusions.

An abstract is often presented separately from the article, so it must be able to stand alone. For this reason, References should be avoided, but if essential, then cite the author(s) and year(s).

Also, non-standard or uncommon abbreviations should be avoided, but if essential they must be defined at their first mention in the abstract itself.

Graphical abstract

Although a graphical abstract is optional, its use is encouraged as it draws more attention to the online article.

The graphical abstract should summarize the contents of the article in a concise, pictorial form designed to capture the attention of a wide readership.

Graphical abstracts should be submitted as a separate file in the online submission system:

- Image size: Please provide an image with a minimum of 531×1328 pixels (h \times w) or proportionally more. The image should be readable at a size of 5×13 cm using a regular screen resolution of 96 dpi.
- Preferred file types: TIFF, EPS, PDF or MS Office files.

See <http://www.elsevier.com/graphicalabstracts> for examples.

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Highlights are a short collection of bullet points that convey the core findings of the article.

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These keywords will be used for indexing purposes.

Abbreviations

Define abbreviations that are not standard in this field in a footnote to be placed on the first page of the article.

Such abbreviations that are unavoidable in the abstract must be defined at their first mention there, as well as in the footnote.

Ensure consistency of abbreviations throughout the article.

Acknowledgements

Collate acknowledgements in a separate section at the end of the article before the references and do not, therefore, include them on the title page, as a footnote to the title or otherwise. List here those individuals who provided help during the research (e.g., providing language help, writing assistance or proof reading the article, etc.).

Nomenclature and units

Follow international accepted rules and conventions: use the international system of units (SI). If other quantities are mentioned, give their equivalent in SI.

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Please submit math equations as editable text and not as images.

Present simple formulae in line with normal text where possible and use the solidus (/) instead of a horizontal line for small fractional terms, e.g., X/Y. In principle, variables are to be presented in italics. Powers of e are often more conveniently denoted by exp.

Number consecutively any equations that have to be displayed separately from the text (if referred to explicitly in the text).

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Footnotes should be used sparingly.

Number them consecutively throughout the article.

Many word processors build footnotes into the text, and this feature may be used. Should this not be the case, indicate the position of footnotes in the text and present the footnotes themselves separately at the end of the article.

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If, together with your accepted article, you submit usable color figures then we will ensure, at no additional charge, that these figures will appear in color online (e.g., ScienceDirect and other sites). For further information on the preparation of electronic artwork, please see <http://www.elsevier.com/artworkinstructions>.

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Please visit the website to find out more.

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- Please avoid using vertical rules.

- They should be numbered in consecutive Arabic numerals.

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References

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Unpublished results and personal communications are not recommended in the reference list, but may be mentioned in the text. If these references are included in the reference list, they should follow the standard reference style of JART (APA Style) and should include a substitution of the publication date with either 'Unpublished results' or 'Personal communication'. Citation of a reference as 'in press' implies that the item has been accepted for publication.

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List: References should be arranged first alphabetically and then further sorted chronologically if necessary. More than one reference from the same author(s) in the same year must be identified by the letters “a”, “b”, “c”, etc., placed after the year of publication.

Examples:

Reference to a journal publication:

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Reference to a book:

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Reference to a chapter in an edited book:

Mettam, G. R., & Adams, L. B. (2009). How to prepare an electronic version of your article. In B. S. Jones, & R. Z. Smith (Eds.), *Introduction to the electronic age* (pp. 281–304). New York: E-Publishing Inc.

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The following list will be useful during the final checking of an article prior to sending it to the journal for review. Please consult this Guide for Authors for further details of any item.

Ensure that the following items are present:

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All necessary files have been uploaded, and contain:

- Keywords
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Further considerations

- Manuscript has been 'spell-checked' and 'grammar-checked'
- References are in the correct format for this journal
- All references mentioned in the Reference list are cited in the text, and vice versa
- All figures are mentioned in the text and numbered in the order mentioned
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