AUTHOR INFORMATION PACK

TABLE OF CONTENTS

- Description p.1
- Impact Factor p.1
- Abstracting and Indexing p.2
- Editorial Board p.2
- Guide for Authors p.3

DESCRIPTION

The *Journal of Transport & Health* (JTH) is devoted to research on the many interactions between transport and health. These include, for instance: the impacts on public health and inequalities of: active modes of transport; noise and air pollution generated by transport; road traffic injuries; community severance; road danger and its reduction: actual safety and security hazards associated with transport; perceptions of danger and factors affecting these; factors affecting transport choices: urban form; location and accessibility of health and other facilities; age, health and disability; socio-economic inequalities; rurality; logistics systems, especially for food transport and distribution; tourism and leisure travel; synergies between sustainability and health impacts of transport; economic and health impact assessments; and policies that promote or discourage healthy and sustainable transport modes, transport systems and communities.

The journal aims to cover transport and health issues in all countries. Three particular aims of the journal are: to promote dialogue between the two research communities it serves; to improve the quality of data and the appropriate use of data; and to encourage transfer of research into practice.

**Transport and Health Study Group (THSG)**

JTH is formally affiliated with the Transport and Health Study Group (THSG). However, JTH is a scientific journal, and manuscripts submitted to JTH will therefore be considered on two factors - their scientific quality and the relevance of their content - and not on whether the study's findings conflict with current THSG policy. As the THSG prides itself on promoting evidence-based policies, there will be occasions when such policy needs to be reviewed because of emerging evidence.

**IMPACT FACTOR**

2017: 2.774 © Clarivate Analytics Journal Citation Reports 2018
ABSTRACTING AND INDEXING

TRID, the TRIS and ITRD Database
SafetyLit
European Reference Index for the Humanities (ERIH)
Scopus
Social Sciences Citation Index
PsychINFO

EDITORIAL BOARD

Editor-in-Chief
Jennifer S. Mindell, University College London (UCL), London, England, UK

Associate Editors
Seraphim Alvanides, Northumbria University, Newcastle, England, UK
Nicola Christie, University College London (UCL), London, England, UK
Adrian Davis, University of the West of England, Bristol, UK
Selena Gray, University of the West of England, Bristol, England, UK
Susan Handy, University of California, Davis, California, USA
Simon Kingham, University of Canterbury, Christchurch, New Zealand
Charles Musselwhite, Swansea University, Swansea, Wales, UK

Editorial Board
Paulo Anciaes, University College London (UCL), London, England, UK
Lars Andersen, University of Southern Denmark, Odense, Denmark
Ron Buliung, University of Toronto Mississauga, Mississauga, Ontario, Canada
Moon Choi, Korea Advanced Institute of Science and Technology (KAIST), Daejeon, The Republic of Korea
Jennifer Diil, Portland State University, Portland, Oregon, USA
Julian Hine, Ulster University, Newtownabbey, UK
Luc Int Panis, Flemish Institute for Technological Research (VITO), Mol, Belgium
Michael Keall, University of Otago, Wellington, New Zealand
Rosário Macário, Instituto Superior Técnico, Lisbon, Portugal
Roger Mackett, University College London (UCL), London, England, UK
An Neven, Universiteit Hasselt, Diepenbeek, Belgium
Mark Nieuwenhuijzen, Instituto de Salud Global Barcelona (ISGlobal), Barcelona, Spain
Desmond O'Neil, Tallaght Hospital, Dublin, Ireland
Chris Rissel, The University of Sydney, New South Wales, Australia
Luis Rizzi Campanella, Pontificia Universidad Católica de Chile, Santiago, Chile
Harry Rutter, London Sch. of Hygiene & Tropical Medicine, London, England, UK
Shaun Scholes, University College London (UCL), London, England, UK
Yoram Shftan, Technion - Israel Institute of Technology, Haifa, Israel
Nina M. Silverstein, University of Massachusetts Boston, Boston, Massachusetts, USA
Takemi Sugiyama, Australian Catholic University, Melbourne, Victoria, Australia
Geetam Tiwari, Indian Institute of Technology-Delhi, Delhi, India
Malcolm Wardlaw, Edinburgh, Scotland
Simon Washington, University of Queensland, Queensland, Australia
Stephen Watkins, Stockport Metropolitan Borough Council, Stockport, England, UK
GUIDE FOR AUTHORS

INTRODUCTION

The Journal of Transport & Health (JTH) is devoted to publishing research that advances our knowledge on the many interactions between transport and health and the policies that affect these. In general, we will prioritise papers that evaluate or inform the development of interventions and policies to improve population health, or that make a genuinely original contribution, rather than being basic descriptive studies. The journal aims to cover transport and health issues in all countries; in general, studies should have a context, or lessons, that can be transferred to other locations. Interactions between transport and health include, for instance: the impacts on public health and inequalities of: active modes of transport; noise and air pollution generated by transport; road travel injuries; community severance; road danger and its reduction; actual safety and security hazards associated with transport; perceptions of danger and factors affecting these; factors affecting transport choices; urban form; location and accessibility of health and other facilities; age, health and disability; socio-economic inequalities; rurality; leisure travel; synergies between sustainability and health impacts of transport; economic and health impact assessments; methodological advances, including considerations of complex systems; and; policies and interventions that promote or discourage healthy and sustainable transport modes, transport systems and communities.

We wish the Journal of Transport and Health to publish articles at the cutting-edge that are significant for policy and practice. The readership is international and multi-disciplinary; articles need to be understood by intelligent readers from a broad range of specialties and places. We are particularly keen to encourage submissions that are cross-disciplinary or inter-disciplinary. The journal has three particular aims:

- to promote dialogue and collaboration between the two research communities it serves.
- to improve the methods and the quality and appropriate use of data to better understand the relationships between transport and health.
- and to encourage transfer of research into practice.

Scope

Is my manuscript in scope for Journal of Transport and Health? The journal's original scope remains largely unchanged, but with the experience of the past few years, we now offer more guidance for articles about active travel (walking and cycling, including to/from public transport [transit]) and road travel collisions and injury. We seek papers that advance our knowledge or use innovative designs and analyses that expand and contribute significantly to an already established literature.

Active travel: There is a well-established connection between active travel, primarily walking and cycling, and population health. We are looking for innovative designs and analyses that expand and contribute significantly to an already established literature. We encourage submission of papers that advance our knowledge or use innovative designs and analyses that expand and contribute significantly to an already established literature. In general, we will no longer consider manuscripts that relate to collisions or crash severity that have little or no health focus. We will continue to consider manuscripts that focus on: road travel injuries, both fatal and non-fatal, and their long term health consequences; and social and environmental determinants of road travel injury and health outcomes (acute and/or chronic). In general, we will not consider manuscripts where numbers are used rather than rates when exploring associations with danger or safety, whether as a cross-sectional association or in longitudinal studies examining change. The fact that more people are injured where, or when, more people travel is not very enlightening. In countries without suitable travel-related denominator data (distances travelled, time spent travelling, or number of trips), population-based denominators will be accepted. For example, when describing the proportion...
of casualties by age or by travel mode, it is important to compare those with the proportions in the general population. We require all authors to avoid the word accident except where it is in the reference of a document they are citing. Although it means unintentional, it is often interpreted as meaning unavoidable. More importantly, accident is sometimes used to refer to the event (crash/collision/fall) and sometimes to the consequence (casualty/injury/fatality). It is not always clear which is meant. See BMJ 2001;322:1320 for a longer explanation.

Your manuscript is definitely not suitable for the Journal of Transport and Health if it does not focus on transport and health.

Your manuscript is probably unsuitable for the Journal of Transport and Health if it is full of acronyms; there are three or more pages of formulae.

**Types of article**

Articles should be 3000–6000 words long, although shorter articles will be considered. Articles longer than 6000 words will be accepted on an occasional basis, if the topic demands this length of treatment. Authors are responsible for ensuring that all manuscripts (whether original or revised) are accurately typed before final submission. Manuscripts will be returned to the author with a set of instructions if they are not submitted according to our style.

**Shorter items**

Authors are also welcome to submit Short Reports for articles describing original research that is not suitable for a full length article (for example, report of proof-of-principle, early findings, or descriptive analyses of information that is not novel in a global sense but is new for that region). The Viewpoint section exists for the expression of opinion, and allows authors to submit referenced material which might not be appropriate for full-length articles but which contains ideas worthy of publication (1500–2000 words). Conference reports are welcomed (1000–1500 words), as are letters. We do not generally publish book reviews, except for comparisons of a few books.

**Submission checklist**

You can use this list to carry out a final check of your submission before you send it to the journal for review. Please check the relevant section in this Guide for Authors for more details.

**Ensure that the following items are present:**

One author has been designated as the corresponding author with contact details:
- E-mail address
- Full postal address

All necessary files have been uploaded:

**Manuscript:**
- Include keywords
- All figures (include relevant captions)
- All tables (including titles, description, footnotes)
- Ensure all figure and table citations in the text match the files provided
- Indicate clearly if color should be used for any figures in print

**Graphical Abstracts / Highlights files** (where applicable)

**Supplemental files** (where applicable)

Further considerations
- The manuscript has been 'spell checked' and 'grammar checked'.
- The manuscript has line numbers.
- The manuscript has been anonymised and a separate Title file prepared.
- References are cited correctly in the text (using the format for this journal) and all necessary information is provided in the reference list.
- All references mentioned in the Reference List are cited in the text, and vice versa
- Permission has been obtained for use of copyrighted material from other sources (including the Internet)
- Relevant declarations of interest have been made
- Journal policies detailed in this guide have been reviewed
• Referee suggestions and contact details provided, based on journal requirements.
• A funding statement mentioning the details needs to be uploaded during the submission process. If no funding has been provided for the research, please include the following sentence: This research did not receive any specific grant from funding agencies in the public, commercial, or not-for-profit sectors.
• The journal’s own Conflict of Interest Statement has to be signed by all authors and uploaded. Please refer to the Conflict of Interest section to download the forms.

For further information, visit our Support Center.

**Content checklist**

Have you told readers, at the outset, what they might gain by reading your paper?
Have you made the aim of your work clear?
Have you explained the significance of your contribution?
Have you set your work in the appropriate context by giving sufficient background (including a complete set of relevant references) to your work?
Have you addressed the question of practicality and usefulness?
Have you identified future developments that may result from your work?
Have you structured your paper in a clear and logical fashion?
Have you included information in the discussion and in the highlights that is relevant to policy-makers and/or practitioners?

**Resubmission of revised manuscripts**

Most manuscripts that are not rejected are returned with the decision 'Revise and resubmit'. Authors should note that this does not mean that a revised manuscript will automatically be accepted. When submitting a revision, files to be uploaded include:
• Revised manuscript with tracked changes showing (but turn off all balloons) as well as
• Revised manuscript with no tracked changes showing
• Response to the editor's and reviewers' comments (include those comments, each followed by your response to that comments).
Do not forget to delete files that are no longer relevant.

Please see the Editor-in-chief's Tips for authors.

**BEFORE YOU BEGIN**

**Ethics in publishing**

Please see our information pages on Ethics in publishing and Ethical guidelines for journal publication.

**Conflict of interest**

All authors are requested to disclose any actual or potential conflict of interest including any financial, personal or other relationships with other people or organizations within three years of beginning the submitted work that could inappropriately influence, or be perceived to influence, their work. See also [http://www.elsevier.com/conflictofinterest](http://www.elsevier.com/conflictofinterest). Further information can be found at: [http://service.elsevier.com/app/answers/detail/a_id/286/supporthub/publishing](http://service.elsevier.com/app/answers/detail/a_id/286/supporthub/publishing).

Please click [HERE](http://www.elsevier.com) to download the Conflict of Interest form for this journal.

**Submission declaration and verification**

Submission of an article implies that the work described:
• has not been published previously (except in the form of an abstract or as part of a published lecture or academic thesis, see 'Multiple, redundant or concurrent publication' section of our ethics policy for more information);
• is not under consideration for publication elsewhere;
• its publication is approved by all authors and tacitly or explicitly by the responsible authorities where the work was carried out; and
• if accepted, will not be published elsewhere in the same form, in English or in any other language, including electronically, without the written consent of the copyright-holder.

To verify originality, your article will be checked by the originality detection service CrossCheck.
Work that has been published as a report that has not been peer-reviewed will sometimes be considered as eligible for publication in the journal; authors should contact the editor to discuss this, as well as mentioning any previous publication in the covering letter. Mention publication as a conference abstract in the covering letter.

**See the editor's Tips on writing for this journal about plagiarism (including self-plagiarism).**

**Changes to authorship**

Authors are expected to consider carefully the list and order of authors **before** submitting their manuscript and provide the definitive list of authors at the time of the original submission. Any addition, deletion or rearrangement of author names in the authorship list should be made only **before** the manuscript has been accepted and only if approved by the journal Editor. To request such a change, the Editor must receive the following from the **corresponding author**:

(a) the reason for the change in author list and
(b) written confirmation (e-mail or letter) from each author that they agree with the addition, removal or rearrangement. In the case of addition or removal of authors, this includes confirmation from the author being added or removed.

Only in exceptional circumstances will the Editor consider the addition, deletion or rearrangement of authors **after** the manuscript has been accepted. While the Editor considers the request, publication of the manuscript will be suspended. If the manuscript has already been published in an online issue, any requests approved by the Editor will result in a corrigendum.

**Copyright**

Upon acceptance of an article, authors will be asked to complete a 'Journal Publishing Agreement' (see [more information](#)). An e-mail will be sent to the corresponding author confirming receipt of the manuscript together with a 'Journal Publishing Agreement' form or a link to the online version of this agreement.

Subscribers may reproduce tables of contents or prepare lists of articles including abstracts for internal circulation within their institutions. **Permission** of the Publisher is required for resale or distribution outside the institution and for all other derivative works, including compilations and translations. If excerpts from other copyrighted works are included, the author(s) must obtain written permission from the copyright owners and credit the source(s) in the article. Elsevier has [preprinted forms](#) for use by authors in these cases.

For gold open access articles: Upon acceptance of an article, authors will be asked to complete an "Exclusive License Agreement" ([more information](#)). Permitted third party reuse of gold open access articles is determined by the author's choice of [user license](#).

**Author rights**

As an author you (or your employer or institution) have certain rights to reuse your work. [More information](#).

*Elsevier supports responsible sharing*

Find out how you can [share your research](#) published in Elsevier journals.

You are required to identify who provided financial support for the conduct of the research and/or preparation of the article and to briefly describe the role of the sponsor(s), if any, in study design; in the collection, analysis and interpretation of data; in the writing of the report; and in the decision to submit the article for publication. If the funding source(s) had no such involvement then, upload a .doc file in the file type "Financial Disclosure" stating that "The Authors did not receive any specific funding for this work".

*Funding body agreements and policies*

Elsevier has established a number of agreements with funding bodies which allow authors to comply with their funder's open access policies. Some funding bodies will reimburse the author for the gold open access publication fee. Details of [existing agreements](#) are available online.

*Open access*

This journal offers authors a choice in publishing their research:

*Open access*

- Articles are freely available to both subscribers and the wider public with permitted reuse.
• An open access publication fee is payable by authors or on their behalf, e.g. by their research funder or institution.

**Subscription**

• Articles are made available to subscribers as well as developing countries through our universal access programs.
• No open access publication fee payable by authors.

Regardless of how you choose to publish your article, the journal will apply the same peer review criteria and acceptance standards.

For open access articles, permitted third party (re)use is defined by the following Creative Commons user licenses:

*Creative Commons Attribution (CC BY)*

Lets others distribute and copy the article, create extracts, abstracts, and other revised versions, adaptations or derivative works of or from an article (such as a translation), include in a collective work (such as an anthology), text or data mine the article, even for commercial purposes, as long as they credit the author(s), do not represent the author as endorsing their adaptation of the article, and do not modify the article in such a way as to damage the author's honor or reputation.

*Creative Commons Attribution-NonCommercial-NoDerivs (CC BY-NC-ND)*

For non-commercial purposes, lets others distribute and copy the article, and to include in a collective work (such as an anthology), as long as they credit the author(s) and provided they do not alter or modify the article.

The gold open access publication fee for this journal is **USD 1950**, excluding taxes. Learn more about Elsevier's pricing policy: [https://www.elsevier.com/openaccesspricing](https://www.elsevier.com/openaccesspricing).

**Green open access**

Authors can share their research in a variety of different ways and Elsevier has a number of green open access options available. We recommend authors see our [green open access page](https://www.elsevier.com/openaccess) for further information. Authors can also self-archive their manuscripts immediately and enable public access from their institution's repository after an embargo period. This is the version that has been accepted for publication and which typically includes author-incorporated changes suggested during submission, peer review and in editor-author communications. Embargo period: For subscription articles, an appropriate amount of time is needed for journals to deliver value to subscribing customers before an article becomes freely available to the public. This is the embargo period and it begins from the date the article is formally published online in its final and fully citable form. [Find out more.](https://www.elsevier.com/openaccess)

This journal has an embargo period of 24 months.

**Elsevier Researcher Academy**

[Researcher Academy](https://www.elsevier.com/researcher-academy) is a free e-learning platform designed to support early and mid-career researchers throughout their research journey. The "Learn" environment at Researcher Academy offers several interactive modules, webinars, downloadable guides and resources to guide you through the process of writing for research and going through peer review. Feel free to use these free resources to improve your submission and navigate the publication process with ease.

*Language (usage and editing services)*

Please write your text in good English (American or British usage is accepted, but not a mixture of these). Authors who feel their English language manuscript may require editing to eliminate possible grammatical or spelling errors and to conform to correct scientific English may wish to use the [English Language Editing service](https://www.elsevier.com/services/language-editing) available from Elsevier's WebShop.

**Submission**

Our online submission system guides you stepwise through the process of entering your article details and uploading your files. The system converts your article files to a single PDF file used in the peer-review process. Editable files (e.g., Word, LaTeX) are required to typeset your article for final publication. All correspondence, including notification of the Editor's decision and requests for revision, is sent by e-mail.

If you are submitting this manuscript for a special issue, please make sure you select the appropriate Special Issue Article Type. Choosing an incorrect article type could lead to mispublication of your article.
Submit your article
Please submit your article via https://www.evise.com/profile/api/navigate/JTH.

Referees
Please submit the names and institutional e-mail addresses of potential referees. For more details, visit our Support site. Note that the editor retains the sole right to decide whether or not the suggested reviewers are used.

PREPARATION

Peer review
This journal operates a double blind review process. All contributions will be initially assessed by the editor for suitability for the journal. Papers deemed suitable are then typically sent to a minimum of one independent expert reviewer 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. More information on types of peer review.

Double-blind review
This journal uses double-blind review, which means the identities of the authors are concealed from the reviewers, and vice versa. More information is available on our website. To facilitate this, please include the following separately:

Title page (with author details): This should include the title, authors' names, affiliations, acknowledgements and any Declaration of Interest statement, and a complete address for the corresponding author including an e-mail address.

Blinded manuscript (no author details): The main body of the paper (including the references, figures, tables and any acknowledgements) should not include any identifying information, such as the authors' names or affiliations.

Use of word processing software
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). 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.

Line numbers must be included (continuous numbering is preferred, or restart each page plus provide page numbers as well).

Article structure

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 details to allow the work to be reproduced by an independent researcher. Methods that are already published should be summarized, and indicated by a reference. If quoting directly from a previously published method, use quotation marks and also cite the source. Any modifications to existing methods should also be described.
**Theory/calculation**
A Theory section should extend, not repeat, the background to the article already dealt with in the Introduction and lay the foundation for further work. In contrast, a Calculation section represents a practical development from a theoretical basis.

**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 occasionally appropriate. Avoid excessive citations and discussion of published literature but you do need to discuss your results in the context of what others have found. You should generally include a strengths and limitations subsection.

You must include at least a paragraph in the discussion about the relevance of your study findings to policy-makers and practitioners, unless there is none, for example for some methodological papers.

**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 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 file 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.
- **Present/permanent address.** If an author has moved since the work described in the article was done, or was visiting at the time, a 'Present address' (or 'Permanent address') may be indicated as a footnote to that author's name. The address at which the author actually did the work must be retained as the main, affiliation address. Superscript Arabic numerals are used for such footnotes. The Journal of Transport and Health now uses double-blind reviewing, so the Title page, together with any funding information, acknowledgements, or other information that may indicate the identity of the authors or their institution must be uploaded as a separate document from the main manuscript. The main manuscript must be anonymised.

**Abstract**
A concise and factual abstract is required of 200-300 words. 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. References should be avoided. 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 × 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. You can view Example Graphical Abstracts on our information site. Authors can make use of Elsevier's Illustration Services to ensure the best presentation of their images and in accordance with all technical requirements.
**Highlights**
Highlights are mandatory for this journal. They consist of a short collection of bullet points that convey the core findings of the article and should be submitted in a separate editable file in the online submission system. At least one of the highlights must relate to policy-makers or practitioners. Please use 'Highlights' in the file name and include 3 to 5 bullet points (maximum 85 characters, including spaces, per bullet point). You can view example Highlights on our information site.

**Keywords**
Immediately after the abstract, provide a maximum of 6 keywords, using American spelling and avoiding general and plural terms and multiple concepts (avoid, for example, 'and', 'of'). Be sparing with abbreviations: only abbreviations firmly established in the field may be eligible. These keywords will be used for indexing purposes.

**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.).

**Formatting of funding sources**
List funding sources in this standard way to facilitate compliance to funder's requirements:

Funding: This work was supported by the National Institutes of Health [grant numbers xxxx, yyyy]; the Bill & Melinda Gates Foundation, Seattle, WA [grant number zzzz]; and the United States Institutes of Peace [grant number aaaa].

It is not necessary to include detailed descriptions on the program or type of grants and awards. When funding is from a block grant or other resources available to a university, college, or other research institution, submit the name of the institute or organization that provided the funding.

If no funding has been provided for the research, please include the following sentence:

This research did not receive any specific grant from funding agencies in the public, commercial, or not-for-profit sectors.

**Math formulae**
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).

**Footnotes**
Footnotes should be used sparingly. Number them consecutively throughout the article. Many word processors can build footnotes into the text, and this feature may be used. Otherwise, please indicate the position of footnotes in the text and list the footnotes themselves separately at the end of the article. Do not include footnotes in the Reference list.

**Artwork**
**Electronic artwork**
**General points**
- Make sure you use uniform lettering and sizing of your original artwork.
- Embed the used fonts if the application provides that option.
- Aim to use the following fonts in your illustrations: Arial, Courier, Times New Roman, Symbol, or use fonts that look similar.
- Number the illustrations according to their sequence in the text.
- Use a logical naming convention for your artwork files.
- Provide captions to illustrations separately.
- Size the illustrations close to the desired dimensions of the published version.
- Submit each illustration as a separate file.
A detailed guide on electronic artwork is available. **You are urged to visit this site; some excerpts from the detailed information are given here.**

**Formats**
If your electronic artwork is created in a Microsoft Office application (Word, PowerPoint, Excel) then please supply 'as is' in the native document format. Regardless of the application used other than Microsoft Office, when your electronic artwork is finalized, please 'Save as' or convert the images to one of the following formats (note the resolution requirements for line drawings, halftones, and line/halftone combinations given below):

- EPS (or PDF): Vector drawings, embed all used fonts.
- TIFF (or JPEG): Color or grayscale photographs (halftones), keep to a minimum of 300 dpi.
- TIFF (or JPEG): Bitmapped (pure black & white pixels) line drawings, keep to a minimum of 1000 dpi.
- TIFF (or JPEG): Combinations bitmapped line/half-tone (color or grayscale), keep to a minimum of 500 dpi.

**Please do not:**
- Supply files that are optimized for screen use (e.g., GIF, BMP, PICT, WPG); these typically have a low number of pixels and limited set of colors;
- Supply files that are too low in resolution;
- Submit graphics that are disproportionately large for the content.

**Color artwork**
Please make sure that artwork files are in an acceptable format (TIFF (or JPEG), EPS (or PDF), or MS Office files) and with the correct resolution. If, together with your accepted article, you submit usable color figures then Elsevier will ensure, at no additional charge, that these figures will appear in color online (e.g., ScienceDirect and other sites) regardless of whether or not these illustrations are reproduced in color in the printed version. For color reproduction in print, you will receive information regarding the costs from Elsevier after receipt of your accepted article. Please indicate your preference for color: in print or online only. Further information on the preparation of electronic artwork.

**Figure captions**
Ensure that each illustration has a caption. Supply captions separately, not attached to the figure. A caption should comprise a brief title (not on the figure itself) and a description of the illustration. Keep text in the illustrations themselves to a minimum but explain all symbols and abbreviations used.

**Tables**
Number tables consecutively in accordance with their appearance in the text. Place footnotes to tables below the table body and indicate them with superscript lowercase letters. Avoid vertical rules.

**Tables and figures**
Be sparing in the use of tables and ensure that the data presented in tables do not duplicate results described elsewhere in the article. There is no specific limit to the number of tables or figures, provided each one contributes significantly to the content of the manuscript.

**References**

**Citation in text**
Please ensure that every reference cited in the text is also present in the reference list (and vice versa). Any references cited in the abstract must be given in full. 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 the journal 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.

**Web references**
As a minimum, the full URL should be given and the date when the reference was last accessed. Any further information, if known (DOI, author names, dates, reference to a source publication, etc.), should also be given. Web references can be listed separately (e.g., after the reference list) under a different heading if desired, or can be included in the reference list.

**Data references**
This journal encourages you to cite underlying or relevant datasets in your manuscript by citing them in your text and including a data reference in your Reference List. Data references should include the following elements: author name(s), dataset title, data repository, version (where available), year, and global persistent identifier. Add [dataset] immediately before the reference so we can properly identify it as a data reference. The [dataset] identifier will not appear in your published article.
Reference management software
Most Elsevier journals have their reference template available in many of the most popular reference management software products. These include all products that support Citation Style Language styles, such as Mendeley and Zotero, as well as EndNote. Using the word processor plug-ins from these products, authors only need to select the appropriate journal template when preparing their article, after which citations and bibliographies will be automatically formatted in the journal's style. If no template is yet available for this journal, please follow the format of the sample references and citations as shown in this Guide. If you use reference management software, please ensure that you remove all field codes before submitting the electronic manuscript. More information on how to remove field codes.

Reference links
Increased discoverability of research and high quality peer review are ensured by online links to the sources cited. In order to allow us to create links to abstracting and indexing services, such as Scopus, CrossRef and PubMed, please ensure that data provided in the references are correct. Please note that incorrect surnames, journal/book titles, publication year and pagination may prevent link creation. When copying references, please be careful as they may already contain errors. Use of the DOI is encouraged.

Users of Mendeley Desktop can easily install the reference style for this journal by clicking the following link:
When preparing your manuscript, you will then be able to select this style using the Mendeley plug-ins for Microsoft Word or LibreOffice.

Reference formatting
There are no strict requirements on reference formatting at submission. References can be in any style or format as long as the style is consistent. Where applicable, author(s) name(s), journal title/book title, chapter title/article title, year of publication, volume number/book chapter and the pagination must be present. Use of DOI is highly encouraged. The reference style used by the journal will be applied to the accepted article by Elsevier at the proof stage. Note that missing data will be highlighted at proof stage for the author to correct. If you do wish to format the references yourself they should be arranged according to the following examples:

Reference style for in-text citations
Text: All citations in the text should refer to:
1. Single author: the author's name (without initials, unless there is ambiguity) and the year of publication;
2. Two authors: both authors' names and the year of publication;
3. Three or more authors: first author's name followed by 'et al.' and the year of publication.
Citations may be made directly (or parenthetically). Groups of references should be listed first alphabetically, then chronologically.
Examples: 'as demonstrated (Allan, 2000a, 2000b, 1999; Allan and Jones, 1999). Kramer et al. (2010) have recently shown ....'
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:
Reference to a book:
Reference to a chapter in an edited book:
Reference to a website:
Reference to a dataset:

Journal abbreviations source
Journal names should be abbreviated according to the List of Title Word Abbreviations.

Video
Elsevier accepts video material and animation sequences to support and enhance your scientific research. Authors who have video or animation files that they wish to submit with their article are strongly encouraged to include links to these within the body of the article. This can be done in the same way as a figure or table by referring to the video or animation content and noting in the body text where it should be placed. All submitted files should be properly labeled so that they directly relate to the video file's content. In order to ensure that your video or animation material is directly usable, please provide the file in one of our recommended file formats with a preferred maximum size of 150 MB per file, 1 GB in total. Video and animation files supplied will be published online in the electronic version of your article in Elsevier Web products, including ScienceDirect. Please supply 'stills' with your files: you can choose any frame from the video or animation or make a separate image. These will be used instead of standard icons and will personalize the link to your video data. For more detailed instructions please visit our video instruction pages. Note: since video and animation cannot be embedded in the print version of the journal, please provide text for both the electronic and the print version for the portions of the article that refer to this content.

AudioSlides
The journal encourages authors to create an AudioSlides presentation with their published article. AudioSlides are brief, webinar-style presentations that are shown next to the online article on ScienceDirect. This gives authors the opportunity to summarize their research in their own words and to help readers understand what the paper is about. More information and examples are available. Authors of this journal will automatically receive an invitation e-mail to create an AudioSlides presentation after acceptance of their paper.

Data visualization
Include interactive data visualizations in your publication and let your readers interact and engage more closely with your research. Follow the instructions here to find out about available data visualization options and how to include them with your article.

Supplementary material
Supplementary material such as applications, images and sound clips, can be published with your article to enhance it. Submitted supplementary items are published exactly as they are received (Excel or PowerPoint files will appear as such online). Please submit your material together with the article and supply a concise, descriptive caption for each supplementary file. If you wish to make changes to supplementary material during any stage of the process, please make sure to provide an updated file. Do not annotate any corrections on a previous version. Please switch off the 'Track Changes' option in Microsoft Office files as these will appear in the published version.

Research data
This journal encourages and enables you to share data that supports your research publication where appropriate, and enables you to interlink the data with your published articles. Research data refers to the results of observations or experimentation that validate research findings. To facilitate reproducibility and data reuse, this journal also encourages you to share your software, code, models, algorithms, protocols, methods and other useful materials related to the project.

Below are a number of ways in which you can associate data with your article or make a statement about the availability of your data when submitting your manuscript. If you are sharing data in one of these ways, you are encouraged to cite the data in your manuscript and reference list. Please refer to the "References" section for more information about data citation. For more information on depositing, sharing and using research data and other relevant research materials, visit the research data page.

Data linking
If you have made your research data available in a data repository, you can link your article directly to the dataset. Elsevier collaborates with a number of repositories to link articles on ScienceDirect with relevant repositories, giving readers access to underlying data that gives them a better understanding of the research described.
There are different ways to link your datasets to your article. When available, you can directly link your dataset to your article by providing the relevant information in the submission system. For more information, visit the database linking page.

For supported data repositories a repository banner will automatically appear next to your published article on ScienceDirect.

In addition, you can link to relevant data or entities through identifiers within the text of your manuscript, using the following format: Database: xxxx (e.g., TAIR: AT1G01020; CCDC: 734053; PDB: 1XFN).

Mendeley Data
This journal supports Mendeley Data, enabling you to deposit any research data (including raw and processed data, video, code, software, algorithms, protocols, and methods) associated with your manuscript in a free-to-use, open access repository. During the submission process, after uploading your manuscript, you will have the opportunity to upload your relevant datasets directly to Mendeley Data. The datasets will be listed and directly accessible to readers next to your published article online.

For more information, visit the Mendeley Data for journals page.

Data statement
To foster transparency, we encourage you to state the availability of your data in your submission. This may be a requirement of your funding body or institution. If your data is unavailable to access or unsuitable to post, you will have the opportunity to indicate why during the submission process, for example by stating that the research data is confidential. The statement will appear with your published article on ScienceDirect. For more information, visit the Data Statement page.

AFTER ACCEPTANCE

Online proof correction
Corresponding authors will receive an e-mail with a link to our online proofing system, allowing annotation and correction of proofs online. The environment is similar to MS Word: in addition to editing text, you can also comment on figures/tables and answer questions from the Copy Editor. Web-based proofing provides a faster and less error-prone process by allowing you to directly type your corrections, eliminating the potential introduction of errors.
If preferred, you can still choose to annotate and upload your edits on the PDF version. All instructions for proofing will be given in the e-mail we send to authors, including alternative methods to the online version and PDF. We will do everything possible to get your article published quickly and accurately. Please use this proof only for checking the typesetting, editing, completeness and correctness of the text, tables and figures. Significant changes to the article as accepted for publication will only be considered at this stage with permission from the Editor. It is important to ensure that all corrections are sent back to us in one communication. Please check carefully before replying, as inclusion of any subsequent corrections cannot be guaranteed. Proofreading is solely your responsibility.

Offprints
The corresponding author will, at no cost, receive a customized Share Link providing 50 days free access to the final published version of the article on ScienceDirect. The Share Link can be used for sharing the article via any communication channel, including email and social media. For an extra charge, paper offprints can be ordered via the offprint order form which is sent once the article is accepted for publication. Both corresponding and co-authors may order offprints at any time via Elsevier's Webshop. Corresponding authors who have published their article gold open access do not receive a Share Link as their final published version of the article is available open access on ScienceDirect and can be shared through the article DOI link.

AUTHOR INQUIRIES
Visit the Elsevier Support Center to find the answers you need. Here you will find everything from Frequently Asked Questions to ways to get in touch.
You can also check the status of your submitted article or find out when your accepted article will be published.