MEDICINA CLÍNICA

TABLE OF CONTENTS

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

DESCRIPTION

Launched in 1943, Medicina Clínica is a fortnightly journal aimed at the promotion of clinical research and practice among internal medicine and other specialists. The key characteristics of Medicina Clínica are the scientific and methodological rigor of its manuscripts, the topicality of its contents, and, especially, its practical focus with highly useful information for clinical practice. Medicina Clínica is predominantly interested in publishing original research manuscripts, which are rigorously selected according to their quality, originality, and interest, and also in continued medical education-oriented manuscripts, which are commissioned by the journal to relevant authors (Editorials, Reviews, and Diagnosis and Treatment). These manuscripts contain updated topics with a major clinical or conceptual relevance in modern medicine. The journal adheres to the standards of academic research publications in all aspects including peer-review and ethical principles. The journal accepts articles in Spanish and English.

Medicina Clínica is included in the General and Internal Medicine category of Clarivate.

Manuscripts with a focus on clinical practice, including original research, case reports and clinical images, can be submitted to the journal's open access companion title, Medicina Clínica Práctica.

Medicina Clínica, fundada en 1943, es una publicación quincenal dedicada a la promoción de la investigación y de la práctica clínica entre los especialistas de la medicina interna, así como otras especialidades. Son características fundamentales de esta publicación el rigor científico y metodológico de sus artículos, la actualidad de los temas y, sobre todo, su sentido práctico, buscando siempre que la información sea de la mayor utilidad en la práctica clínica.

Los contenidos de Medicina Clínica abarcan se centran en los trabajos de investigación original, rigurosamente seleccionados atendiendo a su calidad, originalidad e interés, y en los trabajos orientados a la formación continuada, encomendados por la revista a autores relevantes (Editoriales, Revisiones y Diagnóstico y Tratamiento). En estos artículos se ponen al día aspectos de destacado interés clínico o conceptual en la medicina moderna. La revista sigue los estándares de la publicación científica en todos sus aspectos como la revisión por pares y los preceptos éticos. La revista acepta artículos en Español y en Inglés.

Medicina Clínica está incluida dentro de la categoría de Medicina Interna y General de Clarivate.

Artículos focalizados en la práctica clínica, including investigación original, casos clínicos e imágenes clínicas, pueden enviarse al revista Open Access Medicina Clínica Práctica.
IMPACT FACTOR

2019: 1.635 © Clarivate Analytics Journal Citation Reports 2020

ABSTRACTING AND INDEXING

Science Citation Index
Embase
Scopus
PubMed/Medline

EDITORIAL BOARD

Editor-in-Chief
Miquel Villardell, Hospital Universitario Vall d’Hebron, Barcelona, Spain

Associate Editor
Francesc Cardellach López, Hospital Clínic de Barcelona, Servicio de Medicina Interna-ICMiD, Barcelona, Spain
Erik Cobo Valeri, Universitat Politècnica de Catalunya, Barcelona, Spain
Josep Maria Ribera, Hospital Universitari Germans Trias i Pujol, Badalona, Spain
Albert Selva, Hospital Universitario Vall d’Hebron, Barcelona, Spain
Agustin Urrutia, Hospital Universitari Germans Trias i Pujol, Badalona, Spain
GUIDE FOR AUTHORS

INTRODUCTION

MEDICINA CLINICA, founded in 1946, is a journal devoted to promoting the research and the clinical practice among the specialist of internal medicine and other medical specialist. The journal publishes original scientific articles, editorials, short communications, reviews as well as other relevant information to internal medicine and related fields.

Types of article

The Journal publishes the following sections or article types:

ORIGINAL ARTICLES

Original research about etiology, physiopathology, pathology, epidemiology, clinical aspects, diagnosis, prognosis and treatment are recommended for this section. Analytic studies like transversal surveys, case-controls studies, cohort studies and randomized controlled trials will be preferentially considered for publication.

The article must have the following headings: Introduction; Patients and Methods; Results; and Discussion. The text is limited to a maximum of 3,000 4,000 words, not including references, abstract and figure legends. The abstract is limited to a maximum of 250 words and need to be structured. There should be no more than 30 references. The total combined number of tables and figures should not exceed 6.

BRIEF REPORTS

Original research with a limited number of patients or sample, and specific objectives and results are suitable for this section. The article must have the same headings as those from Original Articles. The text is limited to a maximum of 1,300 words, not including references, abstract and figure legends. The abstract is limited to a maximum of 180 words and need to be structured. There should be no more than 10 references. The total combined number of tables and figures should not exceed 3. Up to 6 authors are accepted.

CLINICAL REPORTS OR CASE SERIES

Submitted studies from case series with a remarkable contribution to medical knowledge will be considered in this section. The text is limited to 1,700 words not including figure legends and references. There should be no more than 10 references. The total combined number of tables and figures should not exceed 4. The abstract is limited to a maximum of 180 words and need to be structured. Up to 4 authors are accepted.

REVIEW ARTICLES

Reviews of current work reflecting progress in various fields of medicine are requested from recognized specialists. Voluntary contributions will be subject to consideration by the Editorial Board. The text is limited to 4,200 words not including abstract, figure legends, and references. The abstract is limited to a maximum of 150 words and does not need to be structured. Up to 6 figures or tables will be accepted. References are limited to a maximum of 60. Up to 3 authors are accepted.

SPECIAL ARTICLES

Articles reflecting original opinions and interpretation of relevant topics, narrative and practical reviews are included in this section. Voluntary contributions will be subject to consideration by the Editorial Board. The text is limited to 4,000 words. Up to 4-5 figures or tables will be accepted. References are limited to a maximum of 30. Up to 4 authors are accepted.

DIAGNOSIS AND TREATMENT
Update articles focused on the progress of diagnosis and treatments, enhancing the benefits in continuous medical education for readers will be considered for this section. The text is limited to 3,600 words not including figure legends and references. There should be no more than 30 references. The total combined number of tables and figures should not exceed 4. Up to 3 authors are accepted.

**CONSENSUS AND GUIDELINES STATEMENTS**

Clinical practice guidelines and Consensus statements must be promoted and endorsed by at least two scientific societies or sponsored by Health authorities. An attached letter is required arguing the importance for the scientific community. Support tools such AGREE are required for the development of the clinical guidelines and consensus statements. The articles of this section will published completely at the WEB. In the print version only title, authors, affiliations and the structured abstract limited to a maximum of 250 words will be published.

**EDITORIALS**

They are always commissioned, although unsolicited editorials may occasionally be considered previous consultation with the Editor. The text is limited to a maximum of 2,000 words, tables and figures are not allowed. There should be no more than 20 references. Up to 2 authors are accepted.

**IMAGES IN MEDICINE**

Any kind of images (clinical, endoscopic, radiography, microbiological, pathological) of common medical conditions with visual remarks for learning are suitable for this section. The text is limited to a maximum of 200 words. Graphics resources (arrows, asterisk, etc..) can be mandatory for visual remarks. Articles of this section can be selected only for the Web edition.

**SCIENTIFIC LETTERS**

Letters containing original investigation with small number of cases and with an specific conclusion are the first choice for this section. Letters should contain fewer than 700 words, one table or figure and must contain no more than 5 references. Up to 3 authors are accepted.

**LETTERS TO THE EDITOR**

Letters related to articles published by the journal are the first choice for this section as well as letters providing opinions and unusual observations and experiences. The letters related with published articles must be received within three weeks after the publication of the article and will be sent to the author of the article, who will have 4 weeks in which to answer. Letters should contain fewer than 700 words, one table or figure, and must contain no more than 5 references. After publication of the reply, no further correspondence will be accepted. Up to 3 authors are accepted.

*Contact details for submission*

You can send your manuscript at [https://www.editorialmanager.com/medcli](https://www.editorialmanager.com/medcli).

*Language*

This journal is published in Spanish and in English language. Manuscripts can be sent in both languages. The journal will publish a version in printed and online format with the articles received in its original language, and another version only online with articles translated into English.

*BEFORE YOU BEGIN*

*Ethics in publishing*

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

*Declaration of interest*

All authors must disclose any financial and personal relationships with other people or organizations that could inappropriately influence (bias) their work. Examples of potential competing interests include employment, consultancies, stock ownership, honoraria, paid expert testimony, patent applications/registrations, and grants or other funding. Authors must disclose any interests in two places: 1. A summary declaration of interest statement in the title page file (if double anonymized) or the manuscript file (if single anonymized). If there are no interests to declare then please state this: 'Declarations of interest: none'. This summary statement will be ultimately published if the article is
accepted. 2. Detailed disclosures as part of a separate Declaration of Interest form, which forms part of the journal's official records. It is important for potential interests to be declared in both places and that the information matches. More information.

**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, a published lecture or academic thesis, see 'Multiple, redundant or concurrent publication' for more information), that it is not under consideration for publication elsewhere, that its publication is approved by all authors and tacitly or explicitly by the responsible authorities where the work was carried out, and that, if accepted, it 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 may be checked by the originality detection service Crossref Similarity Check.

**Preprints**

Please note that preprints can be shared anywhere at any time, in line with Elsevier's sharing policy. Sharing your preprints e.g. on a preprint server will not count as prior publication (see 'Multiple, redundant or concurrent publication' for more information).

**Use of inclusive language**

Inclusive language acknowledges diversity, conveys respect to all people, is sensitive to differences, and promotes equal opportunities. Content should make no assumptions about the beliefs or commitments of any reader; contain nothing which might imply that one individual is superior to another on the grounds of age, gender, race, ethnicity, culture, sexual orientation, disability or health condition; and use inclusive language throughout. Authors should ensure that writing is free from bias, stereotypes, slang, reference to dominant culture and/or cultural assumptions. We advise to seek gender neutrality by using plural nouns (“clinicians, patients/clients”) as default/wherever possible to avoid using "he, she," or "he/she." We recommend avoiding the use of descriptors that refer to personal attributes such as age, gender, race, ethnicity, culture, sexual orientation, disability or health condition unless they are relevant and valid. These guidelines are meant as a point of reference to help identify appropriate language but are by no means exhaustive or definitive.

**Authorship**

All authors should have made substantial contributions to all of the following: (1) the conception and design of the study, or acquisition of data, or analysis and interpretation of data, (2) drafting the article or revising it critically for important intellectual content, (3) final approval of the version to be submitted.

**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, letter) from all authors 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.

**Reporting clinical trials**

Randomized controlled trials should be presented according to the CONSORT guidelines. At manuscript submission, authors must provide the CONSORT checklist accompanied by a flow diagram that illustrates the progress of patients through the trial, including recruitment, enrollment, randomization, withdrawal and completion, and a detailed description of the randomization procedure. The CONSORT checklist and template flow diagram are available online.

**Registration of clinical trials**

Registration in a public trials registry is a condition for publication of clinical trials in this journal in accordance with International Committee of Medical Journal Editors recommendations. Trials must register at or before the onset of patient enrolment. The clinical trial registration number should be included at the end of the abstract of the article. A clinical trial is defined as any
research study that prospectively assigns human participants or groups of humans to one or more
health-related interventions to evaluate the effects of health outcomes. Health-related interventions
include any intervention used to modify a biomedical or health-related outcome (for example drugs,
surgical procedures, devices, behavioural treatments, dietary interventions, and process-of-care
changes). Health outcomes include any biomedical or health-related measures obtained in patients or
participants, including pharmacokinetic measures and adverse events. Purely observational studies
(those in which the assignment of the medical intervention is not at the discretion of the investigator)
will not require registration.

Article transfer service
This journal is part of our Article Transfer Service. This means that if the Editor feels your article is
more suitable in one of our other participating journals, then you may be asked to consider transferring
the article to one of those. If you agree, your article will be transferred automatically on your behalf
with no need to reformat. Please note that your article will be reviewed again by the new journal.
More information.

Copyright
Upon acceptance of an article, authors will be asked to complete a 'Journal Publishing Agreement' (see
more information on this). 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.

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.

Role of the funding source
You are requested 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 this should
be stated.

Open access
Please visit our Open Access page for more information.

Elsevier Researcher Academy
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 available from Elsevier’s Author Services.

Informed consent and patient details
Studies on patients or volunteers require ethics committee approval and informed consent, which
should be documented in the paper. Appropriate consents, permissions and releases must be obtained
where an author wishes to include case details or other personal information or images of patients
and any other individuals in an Elsevier publication. Written consents must be retained by the author
but copies should not be provided to the journal. Only if specifically requested by the journal in
exceptional circumstances (for example if a legal issue arises) the author must provide copies of the
consents or evidence that such consents have been obtained. For more information, please review the
Elsevier Policy on the Use of Images or Personal Information of Patients or other Individuals. Unless
you have written permission from the patient (or, where applicable, the next of kin), the personal
details of any patient included in any part of the article and in any supplementary materials (including
all illustrations and videos) must be removed before submission.

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.

Referees
Please submit the names and institutional e-mail addresses of several 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 single anonymized 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
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. Editors
are not involved in decisions about papers which they have written themselves or have been written
by family members or colleagues or which relate to products or services in which the editor has an
interest. Any such submission is subject to all of the journal's usual procedures, with peer review
handled independently of the relevant editor and their research groups. More information on types
of peer review.

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.

Article structure
Subdivision - unnumbered sections
Divide your article into clearly defined sections. Each subsection is given a brief heading. Each heading
should appear on its own separate line. Subsections should be used as much as possible when cross-
referring text: refer to the subsection by heading as opposed to simply 'the text'.

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.

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 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. You can add your name between parentheses in your own script behind the English transliteration. 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. This responsibility includes answering any future queries about Methodology and Materials. **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.

**Structured abstract**
A structured abstract, by means of appropriate headings, should provide the context or background for the research and should state its purpose, basic procedures (selection of study subjects or laboratory animals, observational and analytical methods), main findings (giving specific effect sizes and their statistical significance, if possible), and principal conclusions. It should emphasize new and important aspects of the study or observations.

**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.

**Keywords**
Immediately after the abstract, provide a maximum of 6 keywords, using British 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.

**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.).

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.

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

Artwork
Image manipulation
Whilst it is accepted that authors sometimes need to manipulate images for clarity, manipulation for purposes of deception or fraud will be seen as scientific ethical abuse and will be dealt with accordingly. For graphical images, this journal is applying the following policy: no specific feature within an image may be enhanced, obscured, moved, removed, or introduced. Adjustments of brightness, contrast, or color balance are acceptable if and as long as they do not obscure or eliminate any information present in the original. Nonlinear adjustments (e.g. changes to gamma settings) must be disclosed in the figure legend.

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.
• Ensure that color images are accessible to all, including those with impaired color vision.

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). Further information on the preparation of electronic artwork.

Illustration services
Elsevier's Author Services offers Illustration Services to authors preparing to submit a manuscript but concerned about the quality of the images accompanying their article. Elsevier's expert illustrators can produce scientific, technical and medical-style images, as well as a full range of charts, tables and graphs. Image 'polishing' is also available, where our illustrators take your image(s) and improve them to a professional standard. Please visit the website to find out more.

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
Please submit tables as editable text and not as images. Tables can be placed either next to the relevant text in the article, or on separate page(s) at the end. Number tables consecutively in accordance with their appearance in the text and place any table notes below the table body. Be sparing in the use of tables and ensure that the data presented in them do not duplicate results described elsewhere in the article. Please avoid using vertical rules and shading in table cells.

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.

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 highly encouraged.

A DOI is guaranteed never to change, so you can use it as a permanent link to any electronic article. An example of a citation using DOI for an article not yet in an issue is: VanDecar J.C., Russo R.M., James D.E., Ambeh W.B., Franke M. (2003). Aseismic continuation of the Lesser Antilles slab beneath northeastern Venezuela. Journal of Geophysical Research, https://doi.org/10.1029/2001JB000884. Please note the format of such citations should be in the same style as all other references in the paper.

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.

References in a special issue
Please ensure that the words 'this issue' are added to any references in the list (and any citations in the text) to other articles in the same Special Issue.

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. Using citation 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 from different reference management software.

Reference style
Text: Indicate references by superscript numbers in the text. The actual authors can be referred to, but the reference number(s) must always be given.

List: Number the references in the list in the order in which they appear in the text.

Examples:
Reference to a journal publication:
Reference to a journal publication with an article number:
Reference to a book:
Reference to a chapter in an edited book:
Reference to a website:
Reference to a dataset:
Note shortened form for last page number. e.g., 51–9, and that for more than 6 authors the first 6 should be listed followed by 'et al.' For further details you are referred to 'Uniform Requirements for Manuscripts submitted to Biomedical Journals' (J Am Med Assoc 1997;277:927–34)(see also Samples of Formatted References).

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.

**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.

**AFTER ACCEPTANCE**

**Proofs**

One set of page proofs (as PDF files) will be sent by e-mail to the corresponding author (if we do not have an e-mail address then paper proofs will be sent by post) or a link will be provided in the e-mail so that authors can download the files themselves. To ensure a fast publication process of the article, we kindly ask authors to provide us with their proof corrections within two days. Elsevier now provides authors with PDF proofs which can be annotated; for this you will need to download the free Adobe Reader, version 9 (or higher). Instructions on how to annotate PDF files will accompany the proofs (also given online). The exact system requirements are given at the Adobe site.

If you do not wish to use the PDF annotations function, you may list the corrections (including replies to the Query Form) and return them to Elsevier in an e-mail. Please list your corrections quoting line number. If, for any reason, this is not possible, then mark the corrections and any other comments (including replies to the Query Form) on a printout of your proof and scan the pages and return via e-mail. 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. We will do everything possible to get your article published quickly and accurately. 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 Author Services. 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.