



TABLE OF CONTENTS

●	Description	p.1
●	Impact Factor	p.1
●	Abstracting and Indexing	p.2
●	Editorial Board	p.2
●	Guide for Authors	p.4



ISSN: 0009-9260

DESCRIPTION

Clinical Radiology is published by Elsevier on behalf of [The Royal College of Radiologists](#). To view other College publications, click [here](#).

Clinical Radiology is an International Journal bringing you original research, editorials and review articles on all aspects of **diagnostic imaging**, including:

- **Computed tomography**
- **Magnetic resonance imaging**
- **Ultrasonography**
- **Digital radiology**
- **Interventional radiology**
- **Radiography**
- **Nuclear medicine.**

Papers on **radiological protection**, quality assurance, audit in **radiology** and matters relating to radiological training and education are also included. In addition, each issue contains correspondence, book reviews and notices of forthcoming events.

IMPACT FACTOR

2013: 1.663 © Thomson Reuters Journal Citation Reports 2014

ABSTRACTING AND INDEXING

BIOBASE
CINAHL
Chemical Abstracts
Current Contents/Clinical Medicine
MEDLINE®
EMBASE
Nuclear Science Abstracts
Research Alert
Science Citation Index
Social Sciences Citation Index
Sociedad Iberoamericana de Informacion Cientifica
Biological Abstracts
Scopus

EDITORIAL BOARD

Editor-in-Chief

G. Baxter, Western Infirmary, Glasgow, UK

Deputy Editors

P. Pretorius, Oxfordshire, England, UK

A. Shaw, Cambridge, England, UK

M Weston, Leeds, UK

Advisory Editors: Breast

J. Cox, Durham, England, UK

R. Given-Wilson, London, England, UK

J. Litherland, Glasgow, Scotland, UK

I. Lyburn, Cheltenham, England, UK

A. Malhotra, London, England, UK

Advisory Editors: Cardiac/Inc. interventional

E. Nicol, Greater London, England, UK

G. Roditi, Glasgow, Scotland, UK

C. Roobottom, Plymouth, England, UK

I. Vlahos, London, England, UK

S. Mirsadraee, Edinburgh, Scotland, UK

Rajani, London, England, UK

Advisory Editors: ENT/Maxillofacial

A. Ahuja, New Territories, Hong Kong

J Kabala, Bristol, England, UK

Advisory Editors: Gastrointestinal (inc. interventional)

R. England, Leeds, England, UK

C. Kay, Bradford, England, UK

H.U Laasch, Manchester, England, UK

A. Lim, London, UK

R. Verma, Leicester, England, UK

Advisory Editors: General Radiology

R. Uberoi, Oxford, England, UK

N. Wright, Manchester, England, UK

Advisory Editors: Guidelines, Educational and Manpower

P. McCoubrie, Bristol, England, UK

E. Nicol, Greater London, England, UK

Advisory Editors: Musculoskeletal

S. Babar, London, England, UK

W. Bhatti, Manchester, England, UK

R. Campbell, Liverpool, England, UK

D. Gracey, Belfast, UK
G. Hide, Newcastle, England, UK
P. Wilson, Belfast, Northern Ireland, UK

Advisory Editors: Neurological

W. Adams, Plymouth, England, UK
D. Connolly, Sheffield, UK
S. O'Leary, Belfast, Northern Ireland, UK
D. Scoffings, Cambridge, UK
N. Stoodley, Bristol, England, UK

Advisory Editors: Oncological Radiology (inc. interventional)

D. DeFriend, Plymouth, England, UK
C. Harvey, London, UK
A. Lim, London, UK
A. Malhotra, London, England, UK
A. Rajesh, Leicester, England, UK
B. Taylor, Manchester, England, UK

Advisory Editors: Paediatric

S. Chakraborty, Oxfordshire, England, UK
N. Wright, Manchester, England, UK
R. Wright, Belfast, Northern Ireland, UK

Advisory Editors: Pancreatic/Hepato-biliary (inc. interventional)

S. Chandramohan, Glasgow, Scotland, UK
R. England, Leeds, England, UK
C. Harvey, London, UK
H.U Laasch, Manchester, England, UK

Advisory Editor: Radiology Systems/PACS

R. Wright, Belfast, Northern Ireland, UK

Advisory Editors: Radionuclide Radiology/PET

F. Chowdhury, Leeds, England, UK
A. Scarsbrook, Leeds, England, UK

Advisory Editors: Thoracic

S. Copley, London, England, UK
I. Vlahos, London, England, UK

Advisory Editors: Uro-Genital (inc. interventional)

H. Bardgett, Bradford, England, UK
A. Bradley, Manchester, England, UK
D. DeFriend, Plymouth, England, UK
V. Duddalwar, Los Angeles, California, USA
G. McKillop, Edinburgh, Scotland, UK
B. Taylor, Manchester, England, UK
A. Abdellaoui, Plymouth, England, UK

Advisory Editors: Vascular (inc. interventional)

S. Chandramohan, Glasgow, Scotland, UK
J. Cox, Durham, England, UK
D. Ettles, Hull, England, UK
G. Roditi, Glasgow, Scotland, UK
R. Uberoi, Oxford, England, UK

Editorial Office

Clinical Radiology Editorial Office, 21 Lion Close, Overton, Hampshire, RG25 3HL, UK

GUIDE FOR AUTHORS

Clinical Radiology is published under the auspices of The Royal College of Radiologists which appoints the Editor who selects all material for publication. No responsibility is accepted by The Royal College of Radiologists or the Editor for opinions expressed by the contributors.

The instructions below accord with the Uniform Requirements for Manuscripts Submitted to Biomedical Journals (<http://www.icmje.org/>). The journal supports the guidelines published by the Committee on Publication Ethics and the recommendations of the Standards for Reporting of Diagnostic Accuracy steering group and requires that authors do the same. The guidelines can be found at <http://www.publicationethics.org.uk> and <http://www.stard-statement.org/> respectively.

The right is reserved to introduce any changes necessary to make contributions conform to the editorial standards and format of the journal. Original manuscripts will be accepted only on the understanding that they have been submitted exclusively to Clinical Radiology.

Clinical Radiology invites submission of the following:

Original Papers should be no more than 4,000 words in length, and should contain no more than 10 illustrations (single frames), which will be printed at single column width.

Technical Reports should be no more than 2,000 words in length.

Review Articles* should not exceed 5,000 words and should include no more than 10 illustrations, which will be printed no larger than the width of a single column of text.

Pictorial Reviews* should not exceed 2,500 words and should include no more than 20 illustrations (single frame) which will be published at single column width.

Letters to the Editor concerning papers published in the journal, and other points of interest to readers, are welcomed by the Editor and are published at the Editor's discretion.

All text should be double-spaced.

* To avoid duplicating **review articles** and **pictorial reviews** please contact the editorial office (crad@editorialoffice.co.uk) if you are planning to write a review article for Clinical Radiology. Please include a short précis (100 words or less) describing the intended review and any novel aspects. Specify how many figures you will intend to include, referring to the instructions for authors for current requirements. Please note that a favourable response does not mean that the Journal has commissioned the review, simply that there is no clash with other papers in the pipeline. Submitted reviews are subject to peer review and publication is not guaranteed.

Additional illustrations : Illustrations in excess of the numbers specified above, including video clips, may be included in the online version of the paper at the discretion of the Editor. This will only be considered if the additional material clearly adds value for readers of the paper, and the author will be responsible for identifying which key images he or she wishes to appearing the paper version. Despite the availability of this facility, the uncritical inclusion of large number of illustrations should be avoided, as it may reduce the likelihood of acceptance.

Contact Details

If you have any queries, contact Clinical Radiology, Editorial Office, 21 Lion Cose, Overton, Hampshire, RG25 3HL.

Tel: +44 (0)8448 044321; Fax: 044 (0)1256 771303; Email: crad@editorialoffice.co.uk

BEFORE YOU BEGIN

Ethics in publishing

For information on Ethics in publishing and Ethical guidelines for journal publication see <http://www.elsevier.com/publishingethics> and <http://www.elsevier.com/journal-authors/ethics>.

Human and animal rights

If the work involves the use of animal or human subjects, the author should ensure that the work described has been carried out in accordance with The Code of Ethics of the World Medical Association (Declaration of Helsinki) for experiments involving humans <http://www.wma.net/en/30publications/10policies/b3/index.html>; EU Directive 2010/63/EU for animal experiments http://ec.europa.eu/environment/chemicals/lab_animals/legislation_en.htm; Uniform Requirements for manuscripts submitted to Biomedical journals <http://www.icmje.org>. Authors should include a statement in the manuscript that informed consent was obtained for experimentation with human subjects. The privacy rights of human subjects must always be observed.

Conflict 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 conflicts of interest include employment, consultancies, stock ownership, honoraria, paid expert testimony, patent applications/registrations, and grants or other funding. If there are no conflicts of interest then please state this: 'Conflicts of interest: none'. See also <http://www.elsevier.com/conflictsofinterest>. Further information and an example of a Conflict of Interest form can be found at: http://help.elsevier.com/app/answers/detail/a_id/286/p/7923.

Submission declaration

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 or as an electronic preprint, see <http://www.elsevier.com/postingpolicy>), 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 including electronically in the same form, in English or in any other language, without the written consent of the copyright-holder.

Author Contributions

Authors are required to identify the contributions for which they are responsible. The author responsible for the integrity of the entire study should be identified. Please list the following phrases and beside each indicate the name(s) of the author(s) to whom they apply:

- 1 guarantor of integrity of the entire study
- 2 study concepts and design
- 3 literature research
- 4 clinical studies
- 5 experimental studies / data analysis
- 6 statistical analysis
- 7 manuscript preparation
- 8 manuscript editing

Items that do not apply should also be indicated with N/A. Where there is any uncertainty regarding authorship the editor of the study reserves the right to contact the guarantor of the study for further information.

Changes to authorship

This policy concerns the addition, deletion, or rearrangement of author names in the authorship of accepted manuscripts:

Before the accepted manuscript is published in an online issue: Requests to add or remove an author, or to rearrange the author names, must be sent to the Journal Manager from the corresponding author of the accepted manuscript and must include: (a) the reason the name should be added or removed, or the author names rearranged and (b) written confirmation (e-mail, fax, 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. Requests that are not sent by the corresponding author will be forwarded by the Journal Manager to the corresponding author, who must follow the procedure as described above. Note that: (1) Journal Managers will inform the Journal Editors of any such requests and (2) publication of the accepted manuscript in an online issue is suspended until authorship has been agreed.

After the accepted manuscript is published in an online issue: Any requests to add, delete, or rearrange author names in an article published in an online issue will follow the same policies as noted above and result in a corrigendum.

Copyright

This journal offers authors a choice in publishing their research: Open access and Subscription.

For subscription articles

Upon acceptance of an article, authors will be asked to complete a 'Journal Publishing Agreement' (for more information on this and copyright, see <http://www.elsevier.com/copyright>). 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

(please consult <http://www.elsevier.com/permissions>). 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: please consult <http://www.elsevier.com/permissions>.

For open access articles

Upon acceptance of an article, authors will be asked to complete an 'Exclusive License Agreement' (for more information see <http://www.elsevier.com/OAauthoragreement>). Permitted reuse of open access articles is determined by the author's choice of user license (see <http://www.elsevier.com/openaccesslicenses>).

Retained author rights

As an author you (or your employer or institution) retain certain rights. For more information on author rights for:

Subscription articles please see <http://www.elsevier.com/journal-authors/author-rights-and-responsibilities>.

Open access articles please see <http://www.elsevier.com/OAauthoragreement>.

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.

Funding body agreements and policies

Elsevier has established agreements and developed policies to allow authors whose articles appear in journals published by Elsevier, to comply with potential manuscript archiving requirements as specified as conditions of their grant awards. To learn more about existing agreements and policies please visit <http://www.elsevier.com/fundingbodies>.

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 their research funder

Subscription

- Articles are made available to subscribers as well as developing countries and patient groups through our access programs (<http://www.elsevier.com/access>)
- No open access publication fee

All articles published open access will be immediately and permanently free for everyone to read and download. Permitted reuse is defined by your choice of one of the following Creative Commons user licenses:

Creative Commons Attribution-NonCommercial-ShareAlike (CC BY-NC-SA): for non-commercial purposes, lets others distribute and copy the article, to create extracts, abstracts and other revised versions, adaptations or derivative works of or from an article (such as a translation), to include in a collective work (such as an anthology), to text and data mine the article, as long as they credit the author(s), do not represent the author as endorsing their adaptation of the article, do not modify the article in such a way as to damage the author's honor or reputation, and license their new adaptations or creations under identical terms (CC BY-NC-SA).

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.

Elsevier has established agreements with funding bodies, <http://www.elsevier.com/fundingbodies>. This ensures authors can comply with funding body open access requirements, including specific user licenses, such as CC BY. Some authors may also be reimbursed for associated publication fees. If you need to comply with your funding body policy, you can apply for the CC BY license after your manuscript is accepted for publication.

To provide open access, this journal has a publication fee which needs to be met by the authors or their research funders for each article published open access.

Your publication choice will have no effect on the peer review process or acceptance of submitted articles.

The publication fee for this journal is **\$2500**, excluding taxes. Learn more about Elsevier's pricing policy: <http://www.elsevier.com/openaccesspricing>.

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 WebShop (<http://webshop.elsevier.com/languageediting/>) or visit our customer support site (<http://support.elsevier.com>) for more information.

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 and copies of the consents or evidence that such consents have been obtained must be provided to Elsevier on request. For more information, please review the *Elsevier Policy on the Use of Images or Personal Information of Patients or other Individuals*, <http://www.elsevier.com/patient-consent-policy>. 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.

Submit your article

Please submit your article via <http://www.editorialmanager.com/crad/>.

PREPARATION

Double-blind review

This journal uses double-blind review, which means that both the reviewer and author name(s) are not allowed to be revealed to one another for a manuscript under review. The identities of the authors are concealed from the reviewers, and vice versa. For more information please refer to <http://www.elsevier.com/reviewers/peer-review>. To facilitate this, please include the following separately:

Title page (with author details): This should include the title, authors' names and affiliations, and a complete address for the corresponding author including telephone and 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: <http://www.elsevier.com/guidepublication>). Note that source files of figures, tables and text graphics will be required whether or not you embed your figures in the text. See also the section on Electronic artwork.

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

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-referencing 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.

Materials and Methods

Describe clearly the number and selection of the subjects studied (patients or experimental animals, including controls). For studies of the diagnostic accuracy of new imaging tests, authors should refer to the STARD recommendations (<http://www.stard-statement.org>). Identify the methods, instrumentation (manufacturer's name and address in parentheses), and procedures in sufficient detail to allow other workers to reproduce the results. Give references to established methods, including statistical methods that have been published but are not well known; describe new or substantially modified methods and give reasons for using these techniques. Detailed statistical analyses, mathematical derivations and similar should be presented in one or more appendices.

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.

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.** Where the family name may be ambiguous (e.g., a double name), please indicate this clearly. 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 phone numbers (with country and area code) are provided in addition to the e-mail address and the complete postal address. Contact details must be 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.

Abstract

A concise and factual abstract is required. The abstract should state briefly the purpose of the research, the principal results and major conclusions. An abstract is often presented separately from the article, so it must be able to stand alone. For this reason, References should be avoided, but if essential, then cite the author(s) and year(s). Also, non-standard or uncommon abbreviations should be avoided, but if essential they must be defined at their first mention in the abstract itself.

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. Please use 'Highlights' in the file name and include 3 to 5 bullet points (maximum 85 characters, including spaces, per bullet point). See <http://www.elsevier.com/highlights> for examples.

Units and Abbreviations

Radiation measurements and laboratory values should be given in the International System of Units (SI) (see: SI Units in Radiation Protection and Measurements. NCRP Report no. 82 [August 1985]). Abbreviations should be used sparingly and only when the term appears more than 10 times in the following text. Abbreviations should be spelled out when first used in the text such as 'cerebrospinal fluid (CSF)'. Laboratory slang, clinical jargon, and uncommon abbreviations should be avoided.

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.).

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 printed version.
- Submit each illustration as a separate file.

A detailed guide on electronic artwork is available on our website:

<http://www.elsevier.com/artworkinstructions>

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) in addition to color reproduction in print. For further information on the preparation of electronic artwork, please see <http://www.elsevier.com/artworkinstructions>.

Illustration services

Elsevier's WebShop (<http://webshop.elsevier.com/illustrationservices>) 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.

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 encouraged.

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.

Reference style

Number references consecutively in the order in which they are first mentioned. The abbreviations used for periodicals cited in the references should follow the following style:

For journal articles, list surnames and initials of all authors when six or less, such as:

1 Stuart MJ, Elrad H, Graeber JE, Hakanson DO, Sunderji SG, Barvinchak MK. Increased synthesis of prostaglandin endoperoxides and platelet hyperfunction in infants of mothers with diabetes mellitus. *J Lab Clin Med* 1979;94:1226.

When seven or more authors are listed, only the first three names need to be identified, followed by 'et al'.

Abstracts, editorials and letters to the Editor should be noted as such. In the case of books, the authors of a chapter, title of the chapter, editor(s), title of the book, edition, city, publisher, year, and specific pages must be provided:

1 Brown M, Gray L. Indications for hematology. In: Wintrobe MM, ed. Clinical Hematology. 3rd ed. Philadelphia, USA: Lea & Febiger, 1975;1146-1167.

A reference to any website containing background information should list the authors and title (if appropriate), the date it was accessed and the DOI if possible. At the very least, the URL of the website and the date it was accessed should be given

Journal abbreviations source

Journal names should be abbreviated according to the List of Title Word Abbreviations: <http://www.issn.org/services/online-services/access-to-the-ltwa/>.

Video data

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 files in one of our recommended file formats with a preferred maximum size of 50 MB. Video and animation files supplied will be published online in the electronic version of your article in Elsevier Web products, including ScienceDirect: <http://www.sciencedirect.com>. 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 at <http://www.elsevier.com/artworkinstructions>. 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 data

Elsevier accepts electronic supplementary material to support and enhance your scientific research. Supplementary files offer the author additional possibilities to publish supporting applications, high-resolution images, background datasets, sound clips and more. Supplementary files supplied will be published online alongside the electronic version of your article in Elsevier Web products, including ScienceDirect: <http://www.sciencedirect.com>. In order to ensure that your submitted material is directly usable, please provide the data in one of our recommended file formats. Authors should submit the material in electronic format together with the article and supply a concise and descriptive caption for each file. For more detailed instructions please visit our artwork instruction pages at <http://www.elsevier.com/artworkinstructions>.

Submission checklist

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

Ensure that the following items are present:

One author has been designated as the corresponding author with contact details:

- E-mail address
- Full postal address
- Phone numbers

All necessary files have been uploaded, and contain:

- Keywords
- All figure captions
- All tables (including title, description, footnotes)

Further considerations

- Manuscript has been 'spell-checked' and 'grammar-checked'
- References are in the correct format for this journal
- All references mentioned in the Reference list are cited in the text, and vice versa
- Permission has been obtained for use of copyrighted material from other sources (including the Internet)

Printed version of figures (if applicable) in color or black-and-white

- Indicate clearly whether or not color or black-and-white in print is required.

- For reproduction in black-and-white, please supply black-and-white versions of the figures for printing purposes.

For any further information please visit our customer support site at <http://support.elsevier.com>.

AFTER ACCEPTANCE

Use of the Digital Object Identifier

The Digital Object Identifier (DOI) may be used to cite and link to electronic documents. The DOI consists of a unique alpha-numeric character string which is assigned to a document by the publisher upon the initial electronic publication. The assigned DOI never changes. Therefore, it is an ideal medium for citing a document, particularly 'Articles in press' because they have not yet received their full bibliographic information. Example of a correctly given DOI (in URL format; here an article in the journal *Physics Letters B*):

<http://dx.doi.org/10.1016/j.physletb.2010.09.059>

When you use a DOI to create links to documents on the web, the DOIs are guaranteed never to change.

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. Elsevier now provides authors with PDF proofs which can be annotated; for this you will need to download Adobe Reader version 9 (or higher) available free from <http://get.adobe.com/reader>. Instructions on how to annotate PDF files will accompany the proofs (also given online). The exact system requirements are given at the Adobe site: <http://www.adobe.com/products/reader/tech-specs.html>.

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 return by fax, or scan the pages and e-mail, or by post. 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, at no cost, will be provided with a PDF file of the article via e-mail (the PDF file is a watermarked version of the published article and includes a cover sheet with the journal cover image and a disclaimer outlining the terms and conditions of use). 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 (<http://webshop.elsevier.com/myarticleservices/offprints>). Authors requiring printed copies of multiple articles may use Elsevier WebShop's 'Create Your Own Book' service to collate multiple articles within a single cover (<http://webshop.elsevier.com/myarticleservices/booklets>).

AUTHOR INQUIRIES

You can track your submitted article at http://help.elsevier.com/app/answers/detail/a_id/89/p/8045/. You can track your accepted article at <http://www.elsevier.com/trackarticle>. You are also welcome to contact Customer Support via <http://support.elsevier.com>.

© Copyright 2014 Elsevier | <http://www.elsevier.com>