

The Imaging Science Journal

Guidelines for Authors

Aims & Scope

The Imaging Science Journal is the official learned journal of the [Royal Photographic Society](#). The Journal provides a forum for the latest developments in imaging science, scientific aspects of imaging systems and applications of imaging science. It publishes research papers by leading scientists and researchers.

The content of The Imaging Science Journal embraces conventional chemical, electronic, digital and hybrid imaging systems and processes. Examples of areas which come within the scope of imaging science include: image formation, capture, reconstruction, recording, processing, display, hard copy output, analysis, evaluation and optimization of captured images.

Digital imaging is a key growth area and the Journal aims to maintain coverage of traditional areas of photographic science whilst attracting submissions and readers in the new technologies.

Main subject areas include:

Fundamentals of silver halide processes and other image sensors; image quality measurement and perception; colour reproduction, appearance and measurement; applications in medical, forensic and scientific imaging; life expectancy of image media; environmental issues.

Length

In general, Papers and Review Papers should not normally exceed 5000 words (with up to 10 illustrations). Longer articles will be considered, however, as our criterion is that the content justifies the length of the article.

There are no page charges.

Preparation of manuscripts

1. The language of the Journal is English and the preferred spellings are those of the Oxford English Dictionary.
2. Papers should be written in the third person in an objective, formal and impersonal style.
3. SI units should be used wherever possible, as recommended in ISO 1000 and BS5555.
4. Symbols for physical quantities should be in italic (sloping) type. Mathematical operators and constants (sin, e, d, log, π , . . .) and symbols for units (m, kg, s, . . .) should be in roman (upright) type. Vectors should be in bold italic type (***A***) and matrices in bold upright type (**A**). If this is not possible then they should be indicated by a wavy line. Further details are given in ISO 31 and BS 5775.
5. Manuscripts should be typed, with double spacing throughout (including references), on A4 size paper, leaving ample margins. A list of captions for the illustrations and each table should be typed separately.
6. The preferred order of contents is as follows:
 - (a) Title of article.
 - (b) Author(s) name(s) and business address.

- (c) Abstract of not more than 200 words: covering the aims of the work, methods used, results obtained and conclusions reached; keywords for information retrieval purposes should be indicated.
- (d) Body of the paper: organized into logical sections, sequentially numbered with no more than two grades of subheadings.
- (e) Acknowledgements.
- (f) References in the order to which they have been referred in the text [1-3]. For example:
 - 1 Gavrik, V.V., "Is photographic development an autocatalytic process?", *Imaging Sci. J.*, **46(1)**, 32-39 (1988).
 - 2 Sturmer, D.M. and Heseltine, D.W., in *The Theory of the Photographic Process* (Ed. T.H. James), 4th edition, Ch. 8, p. 120, Macmillan, New York (1977).
 - 3 Tamura, H. and Hada, H., in 5th Symposium on Photographic Sensitivity, Tokyo, p.69 (1962)
- (g) Tables: these should be numbered consecutively throughout the text.
- (h) List of captions for the illustrations which should also be numbered consecutively throughout the text; both line drawings and photographs must be included in the same numbering sequence.

Illustrations

Illustrations should only be included if they are informative and add to the understanding of the reader. Each illustration should be marked with the author's name and the figure number; the top of each illustration should be indicated. No illustrations will be returned to the author unless specifically requested.

1. *Line drawings* should be supplied as camera-ready originals or ready to be used on reduction. All labelling/annotation should be of consistent size/style throughout. Symbols should be used to match those used in the text (see 'Preparation of Manuscripts', above). **Please avoid use of shading**; use hatching instead for clarity. Multicoloured line drawings are unsuitable for monochrome (black and white) printing. Computer-generated drawings are only acceptable if the line thickness is adequate to stand reduction.
2. *Photographs* should be clear, sharp, black and white prints, with good contrast, on glossy paper; the most suitable size is twice the final size. Cuttings from printed matter or photocopies are unsuitable for reproduction.
3. *Colour illustrations* may be included. This will only be considered where the use of colour is unavoidable. Any author wishing to include colour illustrations must make this plain when submitting the paper, as any colour must be agreed with the publisher prior to the paper being accepted.

Copyright

Articles are considered for publication on the understanding that they have not been submitted to any other publisher. The work described must be *original* and, generally speaking, *not previously published*. The copyright in papers accepted for publication becomes the property of the Royal Photographic Society of Great Britain and reproduction of any part of the paper elsewhere is not allowed without the permission of the Society. All authors are asked to sign a copyright assignment form prior to publication.

Authors who wish to reproduce illustrations that have already been published elsewhere must obtain the permission of the copyright holder.

Submission of manuscripts

Please send five copies of the manuscript together with photographs and line drawings to:

Dr Robin Jenkin, Executive Editor for The Imaging Science Journal
Department of Aerospace, Power and Sensors
Cranfield University, RMCS
Shrivenham
Swindon, Wiltshire SN6 8LA
UK

Do not send submissions to Professional Engineering Publishing as we are no longer publishing the journal.

In the case of joint authors it must be made clear to whom correspondence and proofs are to be directed.

We would also welcome suggestions of at least four appropriate referees. This will assist us in enhancing our referee database and one or more of your suggestions may be asked to review your submission.

Review Process

Submissions to the journal are assessed by independent referees who make recommendations on the suitability of the articles for publication. We are committed to providing timely assessment of articles and authors are informed of the publication decision as soon as possible.

It should be noted that our refereeing process, common to many other publishers, is single-blind, that is, the referees remain anonymous and their identities are not released to authors. The referees, however, are informed of the authors' names and affiliations.

Production

If an article is accepted for publication, we ask for electronic files to facilitate the production process. PDF files are not appropriate for our production requirements. *Disks should be retained until the paper is accepted.* Many types of software are acceptable, but MS Word is preferred. Separate files should be created for each of: the text, the references, each appendix, each table, the figure captions. Illustrations should be submitted on a separate disk. Do *not* merge the files into one electronic document. ASCII files should be included if available.

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