

# ELECTROCHIMICA ACTA

## GUIDE FOR AUTHORS

### General

The Journal publishes full-length research papers, critical reviews and discussion papers in the field of pure and applied electrochemistry. Contributions from members and non-members of the International Society of Electrochemistry are equally welcome.

*Research Papers* should be complete and authoritative accounts of work that has special significance and general interest, presented clearly and concisely.

*Critical Reviews* are commissioned by the Editor-in-Chief. Authors intending to offer critical reviews are advised first to contact the Editor-in-Chief.

*Discussion papers* contain critical comments on papers already published in the Journal. Comments will be submitted to the Authors of the paper under discussion. Eventual replies will be published jointly with the comments in a special section of the Journal labelled "Discussion Section" at the end of an ordinary issue. Publication will occur only on agreement of both parts.

ISE recommends that Preliminary Notes (which are no longer published by *Electrochimica Acta*) should be sent to *Electrochemistry Communications* (Editor-in-Chief RG Compton, Oxford University, Physical and Theoretical Chemistry Laboratory, South Parks Road, Oxford OX1 3QZ, England, [www.elsevier.com/locate/elecom](http://www.elsevier.com/locate/elecom) ).

Contributions will only be considered for publication if they are likely to be of interest to our readers and subscribers. Contents must be relevant to electrochemistry. Presentation and discussion should be at the level of the international status of the Journal. The language can be a reason for rejection at first sight if below an acceptable level of clarity.

Detailed descriptions of apparatus *etc.* should only be given if such apparatus is new. Papers reporting experimental data without adequate interpretation are not acceptable. Papers devoted to applications of well-established techniques to technical problems are as a rule not accepted. Papers are expected to contain mechanistic analysis relevant to electrochemistry. The use of an electrochemical technique does not necessarily turn an otherwise non-electrochemical subject into an electrochemical piece of work.

Contributions will be accepted for publication only on the recommendation of referees.

### Format of Manuscript

All contributions should be typed, double-spaced, 12-pt font, with wide margins and on one side of the page only. They must be written in English. All pages must be numbered in sequence. Authors for whom English is a foreign language are recommended to have the manuscript thoroughly checked and corrected before submission. The Editors will warmly appreciate the co-operation of authors in preparing papers in a manner that will facilitate the complex work of publication. For research papers an abstract not exceeding 200 words should be provided. Authors must provide **five keywords** at the end of each abstract for future indexing. Keywords should not be general in nature such as: electrode.

The corresponding author should be identified on the manuscript by an asterisk \* and a footnote with phone and fax numbers and e-mail address. Authors who are ISE members should be identified

on the title page with superscript 1 after the name and a footnote " 1 ISE member ".

The following should be the main sections and related headings of papers: 1. Introduction, 2. Experimental (or Theory), 3. Results and Discussion, 4. Conclusions, (Acknowledgements),

References. Any other section should be a subsection identified by subheadings (1.1., 1.2., 1.2.1., 2.1....and so on).

Acronyms should be avoided and in any case explained in full the first time they are introduced.

### **Tables**

Tables should be kept to a minimum and must be numbered in sequence; no data should be recorded in both graphical and tabular form. All tables should be provided with headings and should be intelligible without reference to the text.

### **Figures**

Figures must be numbered in sequence and the number must be placed close to the figures. Figures should not be embedded in the text document; they should be placed at the end of the manuscript, with a maximum of two figures per page. Figures not identified by a number are not acceptable. Captions to figures should be grouped together.

### **Nomenclature and Units**

Each paper should be consistent within itself as to abbreviations, symbols and units. Authors should use SI units wherever possible and when these are not used should provide a conversion factor to SI units. Axes for graphs and headings for tables should be given in quantity calculus form, *eg* times as *t/s*, potential as *E/mV*, current density as *i/A cm<sup>-2</sup>*. Any electrochemical abbreviations should be written in lower case without stops, for example *emf*, *ac*.

### **References**

References should be indicated in the text in square brackets and listed at the end of the paper as follows:

- [1] R.A. Vargas, A. Garcíá, M.A. Vargas, *Electrochim. Acta* 43 (1988) 1271.
- [2] J. Newman, *Electrochemical Systems*, 2nd ed., Prentice-Hall, Englewood Cliffs, NJ, 1991.
- [3] A.R. Hillman, in: R.G. Linford (Ed.), *Electrochemical Science and Technology of Polymers*, vol. 1, Elsevier, Amsterdam, 1987, Ch. 5.
- [4] B. Miller, *Proc. 6th Australian Electrochem. Conf.*, Geelong, Vic., 19-24 Feb., 1984; *J. Electroanal. Chem.*, 168 (1984) 91.

Abbreviations of journal titles should follow those in *World List of Scientific Periodicals* (Fourth Edition).

Multiple references under a same number do not fit in with the standard of the Journal and should be avoided.

### **Specific Instructions for online submission of papers**

Submission to *Electrochimica Acta* proceeds totally online. To submit an article online, authors are requested to upload their article via the journal's online submission and reviewing system (EES) that can be reached at (<http://ees.elsevier.com/electacta/>). At this page you will also find a detailed description on its use. After uploading your file the system generates an Adobe Acrobat PDF version of the article which is used for the reviewing process. Authors, Reviewers and Editors send

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### **Refereeing of Manuscripts**

The Editors reserve the right to decline to publish manuscripts which they consider inappropriate for *Electrochimica Acta*.

When submitting their paper authors should supply the names and addresses (including e-mail addresses) of 3 suitable referees. The editors usually ask up to 3 referees to review each paper.

Guided by referees' reports, the editors will place each manuscript in one of four categories:

- a) to be accepted for publication,
- b) to be reconsidered, after the authors have had an opportunity to make recommended revisions and reply in detail to referees' comments,
- c) to be rejected, with an invitation to the authors to submit an extensively revised manuscript (reject provisionally or in the present form). The revision will be treated as a new manuscript, with the difference that it must be accompanied by a set of detailed replies to all issues raised by the referees of the original manuscript,
- d) to be rejected. Papers in this category should not be resubmitted, however revised.

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### **Electrochemical Calendar**

Material for the Calendar should be sent to the Editor-in-Chief, Conference organizers are asked to submit details at least six months before the date of the event.