



the society for solid-state and
electrochemical science and technology

ECS Solid State Letters Instructions to Authors

Dennis W. Hess, Editor
Georgia Institute of Technology
Atlanta, GA, USA
E-mail: dennis.hess@chbe.gatech.edu

Editorial Office: The Electrochemical Society, 65 S. Main St., Pennington, NJ 08534, USA
Tel: 609.737.1902 / Fax: 609.737.2743, E-mail: publications@electrochem.org

ECS Solid State Letters (SSL) is a rapid-publication journal published and copyrighted by ECS. All manuscripts submitted are considered for publication, with the understanding that they have not been published or submitted for publication elsewhere.

Papers presented at ECS meetings and manuscripts published in *ECS Transactions* may be submitted to SSL. Although there is no hard deadline for the submission of these papers, it is considered that six months from the date of the symposium is sufficient time to revise a paper to meet the stricter standards of SSL.

1. Technical Interest Areas — Concise manuscripts of limited page length that require rapid publication due to their important technical content and high significance may be submitted to SSL provided they fall under one of the following Technical Interest Areas (TIAs):

- Carbon Nanostructures and Devices
- Dielectric Science and Materials
- Electronic Materials and Processing
- Electronic and Photonic Devices and Systems
- Luminescence and Display Materials, Devices, and Processing

The need for rapid publication should be explained in the cover letter and made clear in the manuscript.

2. Submission of Papers—Manuscripts (in English) should be submitted using the online manuscript submission and peer review system, ECSxPress (Exp) available at

<http://ecs.journals.msubmit.net>

Detailed descriptions of the TIAs and a detailed set of author instructions, including an explanation of the full peer review process, are available on the site. Requirements for manuscript submission include:

- Address, fax, and e-mail address of corresponding author.
- Text file of the paper (preferably as a Microsoft Word document).
- Recommendation of at least two persons to act as peer reviewers

3. Supplementary Material — ECS permits two types of supplemental material to be submitted:

- Supplementary material intended to aid reviewers in evaluation of the manuscript. These files are not meant to undergo peer review and will not be published. There is no fee associated with supplemental material intended only to aid in the review process.
- Supplementary material intended for publication in the online editions. These files must be clearly labeled, mentioned within the cover letter, and submitted with the original (not revised) submission. The supplementary material must be cited within the text of the manuscript and have a corresponding reference. Authors who intend to include supplemental material for publication must complete and abide by the ECS Supplementary Material Agreement, which is available on the submission site. ECS charges \$100 per article for the publication of supplementary material.

4. Registering for an Account—Authors entering the Exp system for the first time must first register for an account using the link listed in the lower left corner of the opening screen. New registrants must specify a main e-mail address (which will serve for all communication and as their login ID), and a password of their choosing (which allows for secure access to the author's account). Once this account is created, the author may access the system to track any manuscripts submitted for publication to determine their status, and to access papers for review.

5. Publication Charges—ECS does not assess page charges for the publication of papers in its journals. The exceptions are color charges and charges for publication of supplemental material, which must be paid.

6. Color—Color is available for figures and photographs. Color can be an effective tool in conveying complex graphs and photographs. Color is free in the online journal. Authors will be charged a fee for color in the printed journal. This is needed to cover the cost of color printing. The charge for printing in color in SSL may be approximately \$1500-\$1700 per manuscript; the exact amount will be calculated at the time of print publication.

7. Presentation—Organization and clarity are essential elements of successful publications. Identify the subject matter in the title with words useful for indexing. State the purpose of the work early in the text. Present the work and the arguments in an order that leads naturally to clearly specified

conclusions. Provide enough information for the work to be reproduced and the logic to be understood. Identify and justify any assumptions that are made. Define unusual technical terms and all abbreviations or acronyms at their first use. Once an acronym has been defined, use it in place of the full-length term. Where symbols are used extensively, list them with their definitions at the end of the paper. Edit and proofread the manuscript carefully before submission.

8. Manuscript Preparation—All manuscripts must be typewritten, double-spaced throughout, and must contain:

- Title— should be concise, no more than 15 words
- Abstract—limited to 100 words, on a separate page
- References—in the proper format, on a separate page
- Tables and figures—each on a separate page
- Figure captions on a separate page

LaTeX submissions are acceptable with the following conditions:

- a LaTeX submission must be a single .tex file
- figure files may be called in
- submission of .sty files or .bib files is not supported
- submission in Plain TeX or DVI format is not supported
- ECS does not provide any templates for LaTeX submissions

Papers published in SSL are generally limited to four (4) printed journal pages. To ensure that your paper can be published upon acceptance, please limit the text length to no more than 2500 words, subtracting 220 words for each figure part and/or table to allow for the space these will occupy. Papers exceeding these limits will be returned to the author for editing prior to the initiation of peer review.

It is the responsibility of the author(s) to obtain permission to reproduce all previously published results/data/figures from the copyright holder. The author(s) should be prepared to show proof of permission upon request. Such permission should be noted in the figure caption or as a footnote.

The following specific items should be noted.

- SI units should be used whenever possible. The ACS Style Guide (2nd edition) can be used as a reference on grammar, units, and formatting.
- Mathematical equations should be written on a single line, if possible, using parentheses, brackets, negative exponents, and the like.
- References must be listed at the end of the paper in the order they are cited in the text. Use each author's first and middle initials and last name; do not use et al. in a reference. CAS abbreviations must be used. Citations of other than the generally available literature should be avoided if possible. For example:

Journals/Magazines

1. E. P. Able and A. T. Baker, *Electrochem. Solid-State Lett.*, **4**, A101 (2001).

Books by the Author(s) Referenced

1. E. P. Able and A. T. Baker, *Diamond Films*, p. 37, John Wiley & Sons, New York (1991).

Author(s) Referenced in an Edited Volume

1. E. P. Able and A. T. Baker, in *Electrosynthesis*, 2nd ed., J. Carter, Editor, p. 40, Wiley Interscience, New York (1991).

Author(s) Referenced from an ECS Transaction Volume

1. E. Gaura and R. M. Newman, *ECS Trans.*, **4**(1), 3 (2006).

Author(s) Referenced from an ECS Proceedings Volume

1. E. P. Able and A. T. Baker, in *Plasma Processing*, G.S. Mathad and D.W. Hess, Editors, PV 94-20, p. 123, The Electrochemical Society Proceedings Series, Pennington, NJ (1994).

- Drawings and graphs will ordinarily be reduced to column width (3 1/4 in. or 8.2 cm) and after such reduction should have lettering, of letter-grade quality, at least 1/16 in. (1.6 mm) high. When several curves are shown, each should be lettered and identified in the caption. When a figure contains a number of parts, for example several micrographs or graphs, use a lowercase letter ("a", "b", etc.) in the body of each part, and use the letter in the figure caption to identify each part.

9. Comments/Errata—Contact the ECS Editorial Office listed above to submit comments or errata.

10. Sample Articles — Sample articles are available on the ECS website: www.electrochem.org/dl/support/smpl_arts.htm.