

Energy & Environmental Science

Guidelines for Authors†

Also see: www.rsc.org/authorguidelines

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1.0 General policy

Energy & Environmental Science is a high-quality international journal for the publication of original research papers, Reviews and Communications in all areas of the chemical sciences relating to energy conversion and storage, alternative fuel technologies and environmental science. The journal is published monthly, and there is no page charge for articles published in *Energy & Environmental Science*.

The journal recognises the complexity of issues and challenges relating to energy and environmental science and therefore particularly welcomes work of an interdisciplinary nature across both the (bio)chemical sciences and chemical engineering disciplines.

Topics include:

- Solar energy conversion and photovoltaics
- Fuel cells
- Hydrogen storage and (bio) hydrogen production
- Materials for energy systems
- Carbon capture and storage
- Catalysis for a variety of feedstocks (*e.g.* oil, gas, coal, biomass and synthesis gas)
- Biofuels and biorefineries

- Global atmospheric chemistry
- Climate change
- Artificial photosynthesis
- Life cycle assessment
- Chemicals from carbon dioxide
- Energy systems and networks
- Nuclear power including fusion technologies

Papers must report very high quality new work which makes a significant contribution within the scope of the journal. Fragmentation of a substantial body of work into a number of short publications is strongly discouraged.

Further notes on RSC policy on the initial assessment of submissions, and details of criteria for publication, can be found on ReSource.‡

2.0 Article types

2.1 Research Papers

Full Research Papers contain original scientific work that has not been published previously. However, extension of work that has appeared in print in a short form such as a Communication is also encouraged. There are no restrictions on the length of a paper.

Authors should include a brief discussion in the Introduction that sets the context for the novel work and gives their motivation for carrying out the study.

2.2 Reviews

These are normally commissioned by the *Energy & Environmental Science* Editorial Board and Editorial Office, although suggestions from readers for topics and authors of reviews are most welcome and should be directed to the Editor. *Energy & Environmental Science* Reviews are high profile feature articles that present a state-of-the-art account of a research field that is of general interest to the journal's wide readership. All Reviews undergo a rigorous and full peer review procedure, in the same way as regular research papers. Notes on the preparation of Reviews are available from the Editor, and will be provided to referees. *Energy & Environmental Science* publishes two types of reviews: Perspectives and Minireviews.

Perspectives present an authoritative state-of-the-art account of a research field. A Perspective may take the form of a personal account of research, or a critical analysis of a topic of current interest. In either form, some new unpublished research may be included. Perspectives normally comprise 5000 to 10 000 words

† For more detailed information on this topic, including guidelines for article layout, preparation of illustrations, presentation of experimental data, and supplementary information deposition, as well as links to useful websites, templates and other software resources, and authoring tools, see: <http://www.rsc.org/authorguidelines>.

‡ See <http://www.rsc.org/resource>.

of text, together with supporting figures and tables.

Minireviews are shorter, more focused accounts of important new fields of research. They are typically up to 3000 words in length.

2.3 Communications

These contain either a complete study or a preliminary report but in either case must contain original and highly significant work whose interest to the *Energy & Environmental Science* readership and high novelty warrants rapid publication. Authors should supply with their submission a justification of why the work merits urgent publication as a Communication. Referees will be asked to judge the work on these grounds. Communications are given high visibility within the journal as they are published at the front of an issue. Communications will not normally exceed the length of four printed journal pages, however, exceptions may be made at the Editor's discretion. Full papers based on Communications are encouraged provided that they represent a substantial extension of the original material.

2.4 Opinions

Opinions in *Energy & Environmental Science* are typically up to 2000 words in length and provide a personal, often speculative, viewpoint or hypothesis on a topic of current interest to the scientific community. They may concern a recent publication in *Energy & Environmental Science* (in which case the author(s) concerned will be given the opportunity to respond) or discuss any current hot topic from the authors point of view; provided that they are not defamatory to the work of others they can be controversial and stimulate counter-opinion. They can include a short biography of the author(s).

Opinions on set topics may be invited by the Editorial Office but unsolicited pieces in response to papers already published are encouraged to promote scientific discussion.

2.5 Analysis Articles

The purpose of Analysis articles in *Energy & Environmental Science* is to quantitatively analyse technologies and technological systems. Analysis articles provide an in-depth examination of energy and environmental technologies, strategies, policies, and overarching conceptual frameworks that will be of interest to the journal's wide and global readership. They should present new methods and data and fresh insights, and should be written for a scientifically literate audience. They must demonstrate scholarly rigor and tightness of presentation comparable to articles in mainstream science.

An Analysis article should not simply be a repository of data with superficial or speculative commentary. Instead, through an Analysis article a reader of *Energy & Environmental Science* should learn something new about methods or data, or will be educated about an important new technology or technological strategy, or will see a policy argument in a fresh light.

Authors of potential Analysis articles are encouraged to contact the Editorial Office, to discuss the scope and suitability of their article. All Analysis submissions will be subject to rigorous peer review in the normal way.

3.0 Submission

3.1 Initial submission

Articles should be submitted using the RSC file upload service, ReSource.‡

If there are more than ten co-authors on the manuscript the corresponding author should provide a statement to specify the contribution of each co-author. On submitting their manuscripts, authors are encouraged to supply the names and addresses of 2–3 potential referees. Rapid publication is aided by careful preparation of text and illustrations. Also please note that figures should be cited in the text in numerical order. Particular attention is drawn to the use of (i) SI units and associated conventions, (ii) IUPAC nomenclature for compounds and (iii) standard methods of literature citation.

The RSC ReSource service allows any number of files to be

uploaded. All files relating to a single manuscript should be uploaded simultaneously during one transaction. Files uploaded separately will result in more than one manuscript number being assigned and may subsequently be lost.

All authors submitting work for publication are required to agree a Licence to Publish. Authors submitting online will be asked to agree a Licence to Publish as part of the process. Alternatively, a downloadable PDF version is available,‡ which can be completed and forwarded to the Editorial Office.

After submission your file will be acknowledged by the Editorial Office as soon as possible. Authors should contact the Editorial Office if they have not received an acknowledgement within 4 working days. Authors should not forward more than one version of their manuscript or submit the manuscript by post or e-mail to avoid errors in manuscript handling by the Editorial Office.

3.2 Submission of revised articles and material for proof preparation

Revised manuscripts should be sent to the Editorial Office by file upload *via* ReSource.‡

Please check the manuscript carefully for consistency, particularly in the representation of chemical formulae, compound names and words with alternative spellings.

Successful use of your electronic files should speed up the production process and avoid errors being introduced. Authors should ensure that files submitted at this stage contain the final version of their manuscript. They should submit a colour graphical abstract to appear in the printed and online contents lists and a sentence of text highlighting novel aspects of the work.

Authors are also encouraged to submit suggestions for covers for the journal with their manuscript. Authors who have their work featured on the covers receive hard copies of the cover and also the electronic file to use in presentations *etc.* In addition the covers are promoted widely on the *Energy & Environmental Science* web page.

Proof corrections should only correct errors from the Production process and should not be used to make general changes to the text.

We will try to use the supplied data in our production process, but mathematical equations and tables in particular may be re-keyed by the typesetter. It is imperative that authors check their proofs (including any tabulated data and figures) very carefully. Papers are published as Advance Articles on the web as soon as possible after the return of proof corrections. Late corrections cannot be incorporated after publication of the Advance Article.

4.0 Administration

Receipt of a paper will be acknowledged, and the paper will be given a reference number which authors are asked to quote on all their subsequent correspondence. If no acknowledgement is received after a reasonable period of time authors should check with the Editorial Office as to whether the paper or the acknowledgement has gone astray.

4.1 Editorial policy

Every paper deemed suitable for consideration as a submission will be assessed by at least two referees, by whose advice the Editor will be guided as to its acceptability. RSC policy on the initial assessment of submissions, and details of criteria for publication, can be found on ReSource.‡ Papers that are accepted must not be published elsewhere except by permission of the Royal Society of Chemistry. Submission of a manuscript will be regarded as an undertaking that the same material is not being considered for publication by another journal. Conditions governing acceptance are available from the Editorial Office.

4.2 Licence to publish

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