

Nano Research

Instructions for Authors

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1. Manuscript submission

Legal requirements

Submission of a manuscript implies: that the work described has not been published before; that it is not under consideration for publication anywhere else; that its publication has been approved by all co-authors, if any, as well as by the responsible authorities – tacitly or explicitly – at the institute where the work has been carried out. The publisher will not be held legally responsible should there be any claims for compensation.

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Although Editorial Manager supports a wide range of submission file formats, submissions of Microsoft WORD

files containing original, high quality figures are encouraged. We strongly advise you NOT to upload PDF files to the system.

2. Manuscript preparation

Language

The journal's language is English. Either British English or American English spelling and terminology may be used, but the system chosen should be followed consistently throughout the article. We request that the language is corrected before submission. Submissions with unsatisfactory English will be returned without review.

Editing services

All manuscripts are subject to copy editing.

Length of paper

There is no strict limit on the length of a manuscript. Nevertheless, authors are asked to make the manuscripts as concise as possible and to limit them to less than 40 manuscript pages. Three manuscript pages (12-point font, typed in double space) equal approximately one printed page. The space required for the figures and tables should be calculated on the basis of their final printed size.

Manuscript structure and instruction

Follow this order when typing manuscripts: graphical Table of Contents, title page, abstract, keywords, main text, acknowledgements, list of symbols, appendix, references, tables, figure captions, and figures, cover figure (encouraged).

Graphical Table of Contents

Each manuscript must include a graphic for the Table of Contents at the beginning of the file. 1-2 sentences should be written below the figure to summarize the paper. This graphic should capture the readers' attention and give readers a visual impression of the essence of the paper. Labels, formulae, or numbers within the graphic must be legible at publication size. Tables or spectra are not acceptable. Color graphics are highly encouraged. The resolution of the figure should be at least 600 dpi. The size should be at least 50 mm × 80 mm with a rectangular shape (ideally, the ratio of height to width should be less than 1 and larger than 5/8).

Title page

The title page should include:

- A concise and informative title
- The name(s) of the author(s)
- The affiliation(s) and address(es) of the author(s)
- The e-mail address of the corresponding author

Abstract

Please provide one paragraph containing a complete but concise description of your work in 100–250 words. The abstract should consist of motivation, problem statement, approach, results, and conclusions in order to make the paper appealing to more readers. Since the abstract is indexed in many databases it should be self-contained without any undefined abbreviations or any cited references.

Keywords

Please provide 4 to 6 keywords which can be used for indexing purposes.

Heading/Section levels (numbered)

For articles, please use the decimal system of headings with no more than three levels.

Examples:

Introduction

1. Experimental
2. Results and Discussion
- 3.1...
- 3.2...
3. Conclusions

Acknowledgements

It is OK to have a Method section placed at the end of the text.

For short papers, it is OK to have no section levels.

Text formatting

For submission in Word

- Use a normal, plain font (e.g. 12-point Times Roman), double space line, and one column for text.
- Use the automatic page numbering function to number the pages
- Do not use field functions
- Use tab stops or other commands for indents, not the space bar
- Use the table function, not spreadsheets, to make tables
- Use the equation editor or MathType for equations

Note: If you use Word 2007, do not create the equations with the default equation editor but use MathType instead

- Place any figures at the end of the manuscript and do not integrate them within the text
- Use ChemDraw for any chemical structures in the manuscript (including in figures/tables)

Footnotes

Essential footnotes to the text should be numbered consecutively and placed at the bottom of the page to which they refer. Footnotes on the title page are not given reference symbols. Footnotes to the text are numbered

consecutively; those to tables should be indicated by superscript lower-case letters (or asterisks for significance values and other statistical data).

Formulae and symbols

Formulae, symbols and all subscripts, superscripts, Greek letters, and other characters must be legible and carefully checked. Standard mathematical notation should be used. All symbols used in manuscript must be explained. A list of symbols should follow the abstract if such a list is needed. All equations must be numbered.

Single letters that denote mathematical constants, variables, and unknown quantities should be set in italic type in text and in equations. Numerals, operators, and punctuation should be set in Roman type (upright), as are commonly defined functions or abbreviations, e.g., cos, det, e or exp, lim, log, max, min, sin, tan, d (for derivative) should also be upright. Vectors, tensors, and matrices should be set in bold italic.

Figures

- *Nano Research* will publish all figures and illustrations in color and free of charge when deemed necessary.
- The preferred figure formats is TIFF or JPEG with a preferred resolution of **600dpi** relative to the final figure size.
- All figures are to be numbered using Arab numerals.
- Figure parts should be denoted by lowercase letters.
- Figures should always be cited in text in consecutive numerical order.
- For each figure, please supply a figure caption.
- Make sure to identify all elements found in the figure in the caption.
- Identify any previously published material by giving the original source in the form of a reference at the end of the caption.
- If any chemical structures are used in the manuscript including figure/table, the use of ChemDraw software is encouraged

Tables

- All tables are to be numbered using Arab numerals.
- Tables should always be cited in text in consecutive numerical order.
- For each table, please supply a table title. The table title should explain clearly and concisely the components of the table.
- Identify any previously published material by giving the original source in the form of a reference at the end of the table heading.
- Tables should not duplicate results presented elsewhere in the manuscript (for example, in graphs).

Units and abbreviations

Abbreviations should be used only if deemed absolutely necessary, and should be defined at first mention in

the abstract and again in the main body of the text and used consistently thereafter.

Please adhere to internationally agreed standards such as those defined by the International Organization of Standardization (ISO). Metric SI units should be used throughout except where non-SI units are more common [e.g. liter (L) for volume].

Acknowledgements

Acknowledgements of people, grants, funds, etc. should be placed in a separate section before the appendices (if any) and reference list. The names of funding organizations should be written in full. Do not include acknowledgements on the title page, as a footnote to the title or otherwise.

Appendices

If there are two or more appendices, they should be numbered consecutively. Equations in appendices should be designated differently from those in the main body of the paper, e.g. (A1), (A2) etc. In each appendix equations should be numbered separately.

References

The list of references should only include works that are cited in the text and that have been published or accepted for publication. Personal communications and unpublished works should only be mentioned in the text. Papers accepted for publication are cited as “in press”. Do not use footnotes or endnotes as a substitute for a reference list. References with more than 10 authors must list the first 10 authors, followed by “et al.”. The journal title in the reference list should be *abbreviated*: use the ISI list of abbreviations given at http://images.isiknowledge.com/WOK45/help/WOS/A_abrvjt.html

Citation in text

References to the literature are cited by *number in square brackets* at appropriate locations (*before* a period, comma, etc.) in the text. Some examples:

- Negotiation research spans many disciplines [3].
- This result was later contradicted by Becker and Seligman [5], who.....
- This effect has been widely studied [1–3, 7].

List style

All literature citations are compiled in a *numbered References list* at the end of the manuscript text, in the order of their first citation in the text. Each numbered reference may contain only *one* literature citation. Please ensure references are given in the correct format, including *titles* of journal articles/book chapters with initial and final page numbers, in order to avoid delays in typesetting your article.

(a) Journal article

[1] Zhou, K. B.; Wang, X.; Sun, X. M.; Peng, Q.; Li, Y. D. Enhanced catalytic activity of ceria nanorods

from well defined reactive crystal planes. *J. Catal.* **2005**, 229, 206–212.

(b) *Book (authored)*

[2] Conway, B. E. *Electrochemical Supercapacitors: Scientific Fundamentals and Technological Applications*; Kluwer Academic/Plenum: New York, 1999.

(c) *Book chapter*

[3] Craighead, H. G. Nanostructures in electronics. In *Nanomaterials: Synthesis, Properties and Applications*. Edelstein, A.; Cammatata, R., Eds.; Taylor and Francis: New York, 1998; pp 565–566.

(d) *Paper in proceedings*

[4] Mahdavi, A.; Spasojevic, B. Incorporating simulation into building systems control logic. In *Proceedings of the 10th International Building Performance Simulation Association Conference and Exhibition (BS2007)*, Beijing, China, 2007, pp 1175–1181.

(e) *Thesis or Dissertation*

[5] Chandrakanth, J. S. Effects of ozone on the colloidal stability of particles coated with natural organic matter. Ph.D. Dissertation, University of Colorado, Boulder, CO, USA, 1994.

(f) *Patent*

[6] Sheem, S. K. Low-cost fiber optic pressure sensor. U.S. Patent 6,738,537, May 18, 2004.

(g) *Article by DOI*

[7] Slifka, M. K.; Whitton, J. L. Clinical implications of dysregulated cytokine production. *J. Mol. Med.*, in press, DOI: 10.1007/s001090000086.

(h) *Online reference*

[8] Tour, J. M. *Molecular Electronics: Commercial Insights, Chemistry, Devices, Architecture and Programming* [Online]. World Scientific: River Edge, NJ, 2003; pp 177–180. http://legacy.netlibrary.com/ebook_info.asp?product_id=91422&piclist=19799,20141,20153 (accessed Nov 7, 2004).

Electronic Supplementary Material (ESM)

If ESM is submitted, it will be published as received from the author in the online version only. ESM may consist of

- information that cannot be printed: animations, video clips, sound recordings;
- information that is more convenient in electronic form: sequences, spectral data, etc.;
- large amounts of original data, e.g. additional tables, illustrations, etc.;
- If supplying any ESM, the text must make specific mention of the material as a citation, similar to that

of figures and tables (e.g., “..Fig. S-1 in the ESM.”). If supplying any ESM, a paragraph should be added before the “References” section (e. g., **Electronic Supplementary Material:** Supplementary material (add a brief description) is available in the online version of this article at http://dx.doi.org/10.1007/*****).

Depositions of crystal structure data from X-ray and neutron diffraction studies

If your paper includes crystal structure data from X-ray and neutron diffraction studies, please deposit the data in a crystallographic database prior to submitting your manuscript to the journal so that referees can access the information electronically free of charge. The two databases, the Cambridge Crystallographic Data Centre (CCDC) and the Fachinformationszentrum Karlsruhe (FIZ), have the same procedure for the deposition of data and both will be pleased to provide help.

You can send your data (preferably electronically) to the address, e.g. deposit@ccdc.cam.ac.uk. Guidance for data deposition can be obtained from the the database website, e.g.

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Hao Z, AghaKouchak A, Nakhjiri N, Farahmand A (2014). Global integrated drought monitoring and prediction system (GIDMaPS) data sets. *figshare*. <http://dx.doi.org/10.6084/m9.figshare.853801>.

- [DataCite](#)

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