



# CATALYSIS TODAY

A Serial Publication Dealing with Topical Themes in Catalysis and Related Subjects

## AUTHOR INFORMATION PACK

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### DESCRIPTION

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*Catalysis Today* focuses on the rapid publication of original invited papers devoted to currently important topics in **catalysis** and related subjects. The journal only publishes special issues ([Proposing a Catalysis Today Special Issue](#)), each of which is supervised by Guest Editors who recruit individual papers and oversee the peer review process. *Catalysis Today* offers researchers in the field of catalysis in-depth overviews of topical issues.

Both fundamental and applied aspects of catalysis are covered. Subjects such as catalysis of immobilized **organometallic** and **biocatalytic systems** are welcome. Subjects related to catalysis such as experimental techniques, **adsorption, process technology, synthesis, in situ** characterization, computational, theoretical modeling, imaging and others are included if there is a clear relationship to catalysis.

Each issue of *Catalysis Today* covers a distinct topic. Types of publication are: Selected papers based on a symposia, workshop, or conference. Review articles, in-depth tutorials, or original publications on a common theme. Monographs (detailed papers covering a specific subject, typically of sufficient scope to constitute a full journal issue).

Researchers who would like to serve as Guest Editors are encouraged to contact any of the journal [Editors](#) to answer specific questions.

### AUDIENCE

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All those in universities and in industry working in catalysis and process chemistry.

### IMPACT FACTOR

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## ABSTRACTING AND INDEXING

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## GUIDE FOR AUTHORS

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### INTRODUCTION

*Catalysis Today* concentrates on the rapid publication of papers devoted to currently important topics in catalysis and related subjects. It differs from conventional journals in that each issue is dedicated to a distinct topic, with issues either being prepared under the guidance of (a) Guest Editor(s) or as a monograph.

Both fundamental and applied aspects of catalysis are covered. While it is expected that many of the issues will be concerned with heterogeneous catalysis, subjects such as homogeneous catalysis and enzymatic catalysis will also be dealt with. Subjects related to catalysis such as techniques, adsorption processes and technology, etc., will also be included if there is a clear relationship with catalysis.

### *Types of Contributions*

The types of publications covered by *Catalysis Today* are:

- (1) Collections of review articles or original publications on a common theme.
- (2) Monographs written by a single author or a group of authors covering a specific subject.
- (3) Proceedings of short meetings (symposia, workshops, etc.).

The criteria for the inclusion of meetings, reviews or monographs in *Catalysis Today* are that a single topic is considered and that the contributions are original. The publication of material that has appeared (or is likely to appear) elsewhere is not permitted. As in conventional journals, a strict refereeing policy is applied.

### *Contact Details for Submission*

All possible contributions to *Catalysis Today* should first be discussed in detail with either the Editor or one of the Associate Editors. Those who would like to prepare an issue, either as a Guest Editor or as an author, should submit a draft proposal stating the title of the project and giving a brief outline of the scope of the material to be covered. For issues of type (1) and (3) mentioned above, it will also be necessary to provide a list of the proposed contributors and the expected titles of their papers. For monograph issues it will be necessary to give a brief breakdown of the manuscript into chapters or sections, etc.

### *Template for Catalysis Today SI proposals*

#### **Please submit proposals to one of the following:**

Professor J.J. Spivey, Editor: jjspivey@lsu.edu

Professor Miguel Bañares, Associate Editor: banares@icp.csic.es

Professor Yongdan Li, Associate Editor: ydli@tju.edu.cn

### *Submission checklist*

You can use this list to carry out a final check of your submission before you send it to the journal for review. Please check the relevant section in this Guide for Authors for more details.

#### **Ensure that the following items are present:**

One author has been designated as the corresponding author with contact details:

- E-mail address
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All necessary files have been uploaded:

*Manuscript:*

- Include keywords
- All figures (include relevant captions)
- All tables (including titles, description, footnotes)
- Ensure all figure and table citations in the text match the files provided
- Indicate clearly if color should be used for any figures in print

*Graphical Abstracts / Highlights files* (where applicable)

*Supplemental files* (where applicable)

Further considerations

- Manuscript has been 'spell checked' and 'grammar checked'

- All references mentioned in the Reference List are cited in the text, and vice versa
- Permission has been obtained for use of copyrighted material from other sources (including the Internet)
- A competing interests statement is provided, even if the authors have no competing interests to declare
- Journal policies detailed in this guide have been reviewed
- Referee suggestions and contact details provided, based on journal requirements

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Please remember to upload your 'Letter of Invitation' from the Special Issue Guest Editor as part of your submission to EES. Submissions which do not include this 'Letter of Invitation' will be returned to the author.

## **BEFORE YOU BEGIN**

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Please see our information pages on [Ethics in publishing](#) and [Ethical guidelines for journal publication](#).

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### ***Author contributions***

For transparency, we encourage authors to submit an author statement file outlining their individual contributions to the paper using the relevant CRediT roles: Conceptualization; Data curation; Formal analysis; Funding acquisition; Investigation; Methodology; Project administration; Resources; Software; Supervision; Validation; Visualization; Roles/Writing - original draft; Writing - review & editing. Authorship statements should be formatted with the names of authors first and CRediT role(s) following. [More details and an example](#)

## Authorship

All authors should have made substantial contributions to all of the following: (1) the conception and design of the study, or acquisition of data, or analysis and interpretation of data, (2) drafting the article or revising it critically for important intellectual content, (3) final approval of the version to be submitted.

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**Note:** *Catalysis Today* publishes Special Issues only. Therefore, only **INVITED** papers for Special Issues can be submitted to this journal. Please do NOT attempt to submit a paper if you have not been invited to contribute to a Special Issue.

## **PREPARATION**

### **Peer review**

This journal operates a single blind review process. All contributions will be initially assessed by the editor for suitability for the journal. Papers deemed suitable are then typically sent to a minimum of two independent expert reviewers to assess the scientific quality of the paper. The Editor is responsible for the final decision regarding acceptance or rejection of articles. The Editor's decision is final. [More information on types of peer review.](#)

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To avoid unnecessary errors you are strongly advised to use the 'spell-check' and 'grammar-check' functions of your word processor.

### **Article structure**

#### *Subdivision - numbered sections*

Divide your article into clearly defined and numbered sections. Subsections should be numbered 1.1 (then 1.1.1, 1.1.2, ...), 1.2, etc. (the abstract is not included in section numbering). Use this numbering also for internal cross-referencing: do not just refer to 'the text'. Any subsection may be given a brief heading. Each heading should appear on its own separate line.

#### *Introduction*

State the objectives of the work and provide an adequate background, avoiding a detailed literature survey or a summary of the results.

#### *Material and methods*

Provide sufficient details to allow the work to be reproduced by an independent researcher. Methods that are already published should be summarized, and indicated by a reference. If quoting directly from a previously published method, use quotation marks and also cite the source. Any modifications to existing methods should also be described.

#### *Theory/calculation*

A Theory section should extend, not repeat, the background to the article already dealt with in the Introduction and lay the foundation for further work. In contrast, a Calculation section represents a practical development from a theoretical basis.

#### *Results*

Results should be clear and concise.



### *Discussion*

This should explore the significance of the results of the work, not repeat them. A combined Results and Discussion section is often appropriate. Avoid extensive citations and discussion of published literature.

### *Conclusions*

The main conclusions of the study may be presented in a short Conclusions section, which may stand alone or form a subsection of a Discussion or Results and Discussion section.

### *Appendices*

If there is more than one appendix, they should be identified as A, B, etc. Formulae and equations in appendices should be given separate numbering: Eq. (A.1), Eq. (A.2), etc.; in a subsequent appendix, Eq. (B.1) and so on. Similarly for tables and figures: Table A.1; Fig. A.1, etc.

### **Essential title page information**

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- **Author names and affiliations.** Please clearly indicate the given name(s) and family name(s) of each author and check that all names are accurately spelled. You can add your name between parentheses in your own script behind the English transliteration. Present the authors' affiliation addresses (where the actual work was done) below the names. Indicate all affiliations with a lower-case superscript letter immediately after the author's name and in front of the appropriate address. Provide the full postal address of each affiliation, including the country name and, if available, the e-mail address of each author.
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Highlights are mandatory for this journal as they help increase the discoverability of your article via search engines. They consist of a short collection of bullet points that capture the novel results of your research as well as new methods that were used during the study (if any). Please have a look at the examples here: [example Highlights](#).

Highlights should be submitted in a separate editable file in the online submission system. Please use 'Highlights' in the file name and include 3 to 5 bullet points (maximum 85 characters, including spaces, per bullet point).

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A concise and factual abstract is required. The abstract should state briefly the purpose of the research, the principal results and major conclusions. An abstract is often presented separately from the article, so it must be able to stand alone. For this reason, References should be avoided, but if essential, then cite the author(s) and year(s). Also, non-standard or uncommon abbreviations should be avoided, but if essential they must be defined at their first mention in the abstract itself.

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## Abbreviations

Define abbreviations that are not standard in this field in a footnote to be placed on the first page of the article. Such abbreviations that are unavoidable in the abstract must be defined at their first mention there, as well as in the footnote. Ensure consistency of abbreviations throughout the article.

## Acknowledgements

Collate acknowledgements in a separate section at the end of the article before the references and do not, therefore, include them on the title page, as a footnote to the title or otherwise. List here those individuals who provided help during the research (e.g., providing language help, writing assistance or proof reading the article, etc.).

## Formatting of funding sources

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It is not necessary to include detailed descriptions on the program or type of grants and awards. When funding is from a block grant or other resources available to a university, college, or other research institution, submit the name of the institute or organization that provided the funding.

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**References**

*Citation in text*

Please ensure that every reference cited in the text is also present in the reference list (and vice versa). Any references cited in the abstract must be given in full. Unpublished results and personal communications are not recommended in the reference list, but may be mentioned in the text. If these references are included in the reference list they should follow the standard reference style of the journal and should include a substitution of the publication date with either 'Unpublished results' or 'Personal communication'. Citation of a reference as 'in press' implies that the item has been accepted for publication.

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As a minimum, the full URL should be given and the date when the reference was last accessed. Any further information, if known (DOI, author names, dates, reference to a source publication, etc.), should also be given. Web references can be listed separately (e.g., after the reference list) under a different heading if desired, or can be included in the reference list.

*Data references*

This journal encourages you to cite underlying or relevant datasets in your manuscript by citing them in your text and including a data reference in your Reference List. Data references should include the following elements: author name(s), dataset title, data repository, version (where available), year, and global persistent identifier. Add [dataset] immediately before the reference so we can properly identify it as a data reference. The [dataset] identifier will not appear in your published article.

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*Text:* Indicate references by number(s) in square brackets in line with the text. The actual authors can be referred to, but the reference number(s) must always be given.

Example: "..... as demonstrated [3,6]. Barnaby and Jones [8] obtained a different result ...."

*List:* Number the references (numbers in square brackets) in the list in the order in which they appear in the text.

**Please list ALL author names in full and DO NOT abbreviate with the use of "et al."**

### Examples:

Reference to a journal publication:

[1] J. van der Geer, J.A.J. Hanraads, R.A. Lupton, J. Sci. Commun. 163 (2000) 51-59.

Reference to a book:

[2] W. Strunk Jr., E.B. White, *The Elements of Style*, third ed., Macmillan, New York, 1979.

Reference to a chapter in an edited book:

[3] G.R. Mettam, L.B. Adams, How to prepare an electronic version of your article, in: B.S. Jones, R.Z. Smith (Eds.), *Introduction to the Electronic Age*, E-Publishing Inc., New York, 1999, pp. 281-304.

Reference to a data citation:

[4] M. Oguro, S. Imahiro, S. Saito, T. Nakashizuka, Mortality data for Japanese oak wilt disease and surrounding forest compositions, *Mendeley Data*, v1, 2015. <http://dx.doi.org/10.17632/xwj98nb39r.1>.

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### Data visualization

Include interactive data visualizations in your publication and let your readers interact and engage more closely with your research. Follow the instructions [here](#) to find out about available data visualization options and how to include them with your article.

## Supplementary material

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