

Instructions to Authors

The *Journal of Natural Gas Chemistry* is a quarterly Journal jointly edited by the Dalian Institute of Chemical Physics and the Chengdu Institute of Organic Chemistry, Chinese Academy of Sciences. Starting in 2006, Elsevier will publish the Journal on ScienceDirect, the online full text and bibliographic information resource, and take care of the Journal's international institutional print subscriptions.

Scope of the Journal

This Journal functions as a medium for reporting original research papers dealing with topics in the fields of natural gas chemistry, C₁ chemistry, lower hydrocarbons chemistry as well as hydrogen energy sources. It is devoted to up-to-date progress in the following fields all over the world:

- Direct and indirect conversions of methane
- Methane conversion by enzymatic and biological catalysis
- CO/CO₂ conversion and C₁ chemistry
- Synthesis or conversion of lower hydrocarbons
- Synthesis of *O*-, *S*-, and *N*-containing derivatives of lower hydrocarbons
- Purification and separation processes concerning natural gas
- Characterization of catalysts relating to the above processes
- Production of hydrogen energy
- Methane hydrates and related scientific problems
- New approaches or processes of relevant fields
- Synthesis, production and utilization of new catalytic materials
- Environmental protection relating to the above processes

Abstracting and indexing

Journal of Natural Gas Chemistry has been covered by following services until January 2008:

- Chemical Abstracts (CA)
- Compendex (EI)
- Cambridge Scientific Abstracts (CSA)
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- Engineering Information Database Encompass LIT
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Submission information

All manuscripts can be submitted to the editorial office by one of the following two methods:

- (1) by e-mail to jngc@dicp.ac.cn
- (2) by online submission (<http://www.jngc.org>)

Accompanied with the manuscripts, the following materials: (a) a signed copyright status form (a copy reproduced from the form printed in the issue of the Journal may be used), and (b) a covering letter, outlines the basic findings of the paper and their significance, should be submitted to the editorial office.

However, if for any reason authors are unable to use the above two methods, they can also send the manuscripts by regular mail to the editorial office according to the following address:

Dr. Hong YANG
Editorial Office
Journal of Natural Gas Chemistry
Dalian Institute of Chemical Physics
Chinese Academy of Sciences
457 Zhongshan Road
Dalian 116023, China

Types of contributions

Four types of manuscripts are acceptable for publication: Articles, Communications, Reviews and Research notes.

Articles are meant for papers reporting the results of completed definite studies. If several closely related manuscripts are being prepared at about the same time, all should be submitted together. Articles of high scientific quality and originality that are of interest to the wide and diverse readership of the Journal will be given priority for publication.

Communications are intended for the rapid and timely publication of original research of significance. Communications are short contributions not exceeding three printed pages in length.

Reviews deal with topics of current interest in areas relating to natural gas chemistry and C₁ chemistry. Rather than an assemblage of detailed information with a complete literature survey, a critically selected treatment of the material is desired. Unsolved problems and possible developments should also be discussed. Review articles are generally written upon invitation by the Chief Editor.

Research notes report valuable results that are timely parts of a phase research work.

Preparation of manuscripts

The manuscripts should be printed on good quality A4 paper in a 12 pt Times New Roman font with double spacing and wide margins.

All manuscripts should include: a title, list of authors, full addresses of authors, an abstract, keywords, all sections of the body of the manuscript, footnotes, and references.

The **title** should clearly and accurately indicate the contents of the article or communication and should be expressed in adequate scientific terms. No abbreviations should be used in the title.

The **full addresses** of authors should be placed below the title.

Footnotes should be included on the first page to give the phone number, fax number, and e-mail address of the author of correspondence, and if applicable, information regarding funding.

We request that authors should submit **abstracts** for both articles and communications. Abstracts should state briefly the reason for the work, the significant results, and conclusions.

Keywords should be given at the bottom of the abstract to serve as guidelines for indexing.

The body of the manuscript should be subdivided into the following sequence of the sections: Introduction, Experimental, Results and Discussion, Conclusions, and References.

Tables and figures must be numbered consecutively with Arabic numerals and should be self-explanatory. Tables must have a brief descriptive title and include footnotes if necessary. "Figure" should be spelled out instead of being written "Fig." Figures should have figure captions, either with the figures or collected on a separate sheet. The contents of figures, tables, and word descriptions should not be duplicated.

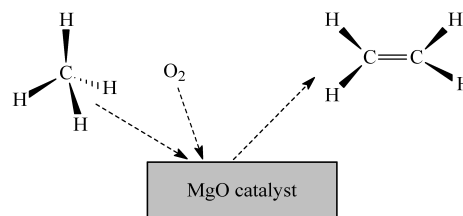
Photographs should be of sufficiently high quality with respect to detail and contrast. Indicate the magnification by a bar on the photograph.

References should be numbered consecutively in the order in which they are first mentioned in the text. Abbreviations of journal titles should follow the style used in *Chemical Abstracts*. Reference accuracy is critical and authors are responsible for the accuracy of the references. Only articles that have been published or are in press should be included in the references. Journal articles and books must be cited by the following formats:

- [1] Descorme C, Gelin P, Lecuyer C, Primet M. *J Catal*, 1998, **177**(2): 352
- [2] Phillips J B, Liu Z. US Patent 5 196 039. 1993
- [3] Andrade J D. *Surface and Interfacial Aspects of Biochemical Polymers*. Vol 2. New York: Plenum Press, 1985. 35

All manuscripts should include a **graphic abstract**. Authors are required to provide a single separate A4 sheet containing a small diagram, or other informative illustration

(scheme, formula, figure, etc.) that shows the most important aspect of the paper. The diagram or illustration should be a maximum size of 35 mm high × 80 mm wide. Style and format of the graphical abstract may be found in the example.



Graphic abstract example.

Reviewing of manuscripts

Every submitted paper is independently reviewed by at least two peers. Decision for publication, amendment, or rejection is based upon their reports. If two or more reviewers consider a manuscript unsuitable for publication in this Journal, a statement explaining the basis for the decision will be sent to the authors within three months of the submission date. Manuscripts rejected will not be returned to the authors.

Revision of manuscripts

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Others

The authors will receive a complimentary issue containing the article and 20 free reprints. Additional copy of the Journal and offprints can be ordered at cost.

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