

GUIDE FOR AUTHORS

Journal of Chemical Technology and Metallurgy is a specialized scientific edition presenting original research results in the field of chemical technology and metallurgy, chemical engineering, biotechnology, industrial automation, environmental protection and natural sciences. The articles published in *Journal of Chemical Technology and Metallurgy* refer to:

Inorganic Chemistry; Organic Chemistry; Analytical Chemistry; Physical Chemistry;

Organic Synthesis and Fuels; Polymer Engineering; Textile and Leather; Cellulose, Paper and Polygraphy; Inorganic and Electrochemical Productions;

Chemical Engineering; Industrial Automation; Information Technology; Biotechnology; Economics and Management of Chemical and Metallurgical Industry; Sustainable Development and Environmental Protection;

Physical Metallurgy; Metallurgy of Iron and Casting; Metallurgy of Non-ferrous and Semiconducting Materials; Technology of Silicates; Nanomaterials.

Journal of Chemical Technology and Metallurgy publishes full-length research papers, critical and book reviews. Research papers are expected to be complete and authoritative accounts of work that has significance and interest, presented clearly and concisely. Critical reviews are commissioned by the Editor-in-Chief. Authors intending to offer critical reviews are invited first to contact the Editor-in-Chief.

Contributions will only be considered for publication if they are relevant to the topics pointed above. Presentation and discussion should be at the level of the Journal status gained. The language can be a reason for rejection if below an acceptable level of clarity. Detailed descriptions of the equipment used should only be given if the latter is new. Papers reporting experimental data without adequate interpretation are not acceptable. Contributions will be accepted for publication only on the recommendation of referees.

Submission of Manuscripts

Manuscripts should be submitted to the Editor-in-Chief at the following address:

University of Chemical Technology and Metallurgy
8 Kliment Ohridski blvd., Sofia 1756, Bulgaria,
(for JCTM)

Manuscripts may be submitted electronically to e-mail: journal@uctm.edu

Manuscript preparation

It is important that the file be saved in the native format of the wordprocessor used. All contributions should be typed, double-spaced, 12-pt font. All pages must be numbered in sequence. Most formatting codes will be removed and replaced on processing the article. In particular, do not use the wordprocessor's options to justify text or to hyphenate words. However, do use bold face, italics, subscripts, superscripts, etc. Do not embed graphically designed equations or tables, but prepare these using the wordprocessor's facility. When preparing tables, if you are using a table grid, use only one grid for each individual table and not a grid for each row. If no grid is used, use tabs, not spaces, to align columns.

Essential title page information

Title. It should be concise and informative. Titles are often used in information-retrieval systems. Avoid abbreviations and formulae where possible.

Author names and affiliations. The names of the authors have to be clearly indicated. Present the authors' affiliation addresses (where the actual work was done) below the names. Provide the full postal address of each affiliation, including the country name.

Corresponding author. Clearly indicate who will handle correspondence at all stages of refereeing and publication, also post-publication. **Ensure that phone numbers (with country and area code) are provided in addition to the e-mail address and the complete postal address. Contact details must be kept up to date by the corresponding author.**

Present/permanent address. If the author has moved since the work described in the article was done, or was visiting at the time, a "Present address" (or "Permanent address") may be indicated as a footnote to that author's name. The address at which the author actually did the work must be retained as the main, affiliation address. Superscript Arabic numerals are used for such footnotes.

Abstract

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, nonstandard or uncommon abbreviations

should be avoided, but if essential they must be defined at their first mention in the abstract itself.

Article structure

Introduction

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

Experimental

Provide sufficient details to allow the work to be reproduced. Methods already published should be indicated by a reference: only relevant modifications should be described.

Results and Discussion

Results and the discussion provided should be clear and concise.

Conclusions

The main conclusions of the study have to be presented in a short Conclusions section.

Acknowledgements

Acknowledgements are given in a separate section at the end of the article before the references.

References should be cited in the text by an Arabic numeral in square brackets, listed numerically and typed double-spaced on a separate sheet at the end of the paper. References should be arranged in the order in which they appear in the text. Journal titles should be abbreviated according to the latest Chemical Abstracts Service Source Index. Only articles that have been published or are in press should be included in the references. Unpublished results should be cited as such in the text. References in non-English language should be translated in English. The original language must be shown in brackets. In the reference list, the styling, punctuation and capitalization should be as follows:

For journals:

T. Komatsu, T. Honma, K. Shinozaki, Design of crystal orientation and morphology by laser patterning in glasses, *J. Chem. Technol. Metall.*, 50, 4, 2015, 367-374.

For books:

A. Krueger, Carbon Materials and Nanotechnology, Weinheim, WILEY-VCH Verlag GmbH & Co. KGaA, 2010.

For edited books:

F.W. Cooke, J.E. Lemons, B.D. Ratner, in: B.D. Ratner, A.S. Hoffman, F.J. Lemons (Eds.), *Biomaterials Science*, Academic Press, San Diego, 1996, p. 11.

For conference proceedings, symposia, etc.:

E. Motta, D. Rajpathak, Z. Zdrahal, R. Roy, The Epistemology of Scheduling Problems, F.V. Harmelen (ed.), *Proceedings of the 15th European Conference on Artificial Intelligence*, Lyon, France, 2002, 215-219.

When you are citing papers published in *Journal of Chemical Technology and Metallurgy* you should use the abbreviation of the title as follows:

J. Chem. Technol. Metall.

Formulae should be typewritten (Equation Editor) with ample space around them. The meanings of all symbols have to be given immediately after the equation in which they are first used. Equations should be sequentially numbered (on the right side of the equation and in parentheses). Subscripts and superscripts should be clearly indicated. Greek letters and other non-Latin symbols should be typed using Times New Roman Gr or Symbols.

Units should be given in SI system. They should be in the form, e.g. g cm⁻¹ rather than g/cm.

Figures should be numbered consecutively with Arabic numerals. All figures should be supplied on separate sheets. All illustrations must be readable when reduced to a width of 75 mm (single column figure) or 160 mm (double column figure). Photographs, charts and diagrams are all to be referred to as "Figures(s)" and should be numbered consecutively in the order to which they are referred. They should accompany the manuscript, but should not be included within the text. All illustrations should be clearly marked with the figure number. Figure captions should be typed double-spaced on a separate sheet. Figures should not include text. Graphic files should be in TIFF or JPG with resolution not less than 300 dpi.

Tables should be numbered consecutively with Arabic numerals in the order of appearance in the text. Each table should be given on separate sheet with a short descriptive title directly above it, with essential footnotes below.

One copy of the manuscript in English and one in Bulgarian (for Bulgarian authors) with a set of original illustrations and a disk must be submitted. The manuscript should be written with true-type font Times New Roman size 12 with double line spacing. Manuscripts of papers submitted to the journal will not be sent back to the authors.