

# Instructions for Authors

## Aims and Scope

Peer-reviewed and published monthly, *International Journal of Minerals, Metallurgy and Materials* is the official journal of University of Science and Technology Beijing. The journal is dedicated to the publication and the dissemination of original research articles (and occasional invited reviews) in the fields of Minerals, Metallurgy and Materials to establish a platform of communication between engineers and scientists. Papers dealing with minerals processing, mining, mine safety, process metallurgy, metallurgical physical chemistry, structure and physical properties of materials, corrosion and resistance of materials, are viewed as suitable for publication. The journal is covered by EI Compendex, SCI Expanded, Chemical Abstract, etc.

Manuscripts submitted to this journal have not been published and will not be simultaneously submitted or published elsewhere. And manuscripts are selected for publication according to the editorial assessment of their suitability and evaluation from independent reviewers.

## Manuscript Preparation

Manuscript should be in English and typed in double space with ample margin on all sides on A4 paper. The following components are required for a complete manuscript: Title, Author(s), Author affiliation(s), Abstract, Keywords, Main text, Acknowledgements and References, and should include page numbers on the document, beginning with the title page as number 1. Please use standard 10-point Times New Roman font.

### *Title and byline*

Should appear on page one. The title of the paper should be explicit, descriptive and as brief as possible. Exact name, title, affiliation (institution) of the authors, city, zip code, country, and e-mail address of the author(s) should be listed.

### *Abstract*

Should be self-contained and adequate as a summary of the article; namely, it should indicate aim and significance, newly observed facts, conclusions, and the essential parts of any new theory, treatment, apparatus, technique, etc. The abstract should not contain literature citations. Define the nonstandard symbols and abbreviations used in the abstract. Avoid "built-up" equations that cannot be rendered in linear fashion within the running text. The abstract should be concise and informative with a length of about 150 words.

### *Key words*

Should include 4-8 pieces of words or phrases that are helpful for cross-indexing the paper.

### *Main text*

Should contain an introduction that puts the paper into perspective for readers, and should also contain methods, results, discussion, and conclusions. The SI system must be used for units of measure throughout the text. The text should make clear distinctions between physical variables, mathematical symbols, units of measurement, abbreviations, chemical formulas, etc. Physical quantities should be set in normal italic, and vectors, tensors, and matrices in boldface italic. Please give full spellings of abbreviations where they are first used in the paper in the following form: full spelling (abbreviation), such as, spark plasma sintering (SPS). Also it should be indicated what meaning variables denote when they first appear in the paper, for example,  $D$  is the grain size. Each equation or formula in the paper should be spaced one line apart from the text and be numbered in order with Arabic numerals placed on the right-hand margin. Each figure (including a, b, c, etc. of each figure) and each table must present a caption and consecutively numbered with Arabic numerals and must be mentioned in the text. They should be self-explanatory, their purpose evident without reference to the text. Tables should be drawn with three horizontal lines, at the top and bottom of the table and between the column headings and the table body.

### *Figures*

Electronic figures should be submitted. The resolution discussed below is based on each graphic being placed in the page-layout program at 100%. Figures should be saved as Photoshop compatible minimum 600 dpi TIFF or JPEG files. Line drawings should be clear and well designed. Indicate clearly what is being plotted, in both the horizontal and the vertical directions. Include appropriate units. The lettering and plotted points should be large enough to be legible after reduction.

## Acknowledgements

Acknowledgements of people, grants, funds, etc. should be placed in a separate section before the reference list. The names of funding organizations should be written in full.

## References

Only essential references (journal article, monograph, dissertation, report, proceedings, standard, patent, and/or electronic publication, formally published) cited in the text can be listed and must be numbered consecutively by Arabic numerals (e.g. [1]). And all the authors of references need to be listed. Personal communications and unpublished data are not acceptable references.

### Examples of references

#### Journals

- [1] W.Z. Yin, D. Li, X.M. Luo, J. Yao, and Q.Y. Sun, Effect and mechanism of siderite on reverse flotation of hematite, *Int. J. Miner. Metall. Mater.*, 23(2016), No. 4, p. 373.

#### Books

- [2] C.M. Wayman and T.W. Duerig, *Engineering Aspects of Shape Memory Alloys*, T.W. Duerig, K.N. Melton, D. Stockel, and C.M. Wayman, eds., Courier International Ltd., Tiptree, Essex, 1990, p. 3.

#### Conference proceedings

- [3] W.S. Ge, W. He, Y. Peng, J. Wang, H.T. Cheng, B.L. Yi, K. Chen, and J.Q. Yan, Trail on vanadium recovery process from low-vanadium bearing hot metal, [in] *The 7th CSM Annual Meeting Proceeding*, Beijing, 2009, p. 275.  
[4] L. Perron, The vanadium industry: a review, [in] M.F. Tanner, P.A. Riveros, J.E. Dutrizac, M. Gattrell, and L. Perron, eds., *Vanadium: Geology, Processing and Applications, Proceedings of the International Symposium on Vanadium Held at the 41st Annual Conference of Metallurgists of CIM (COM)*, Montreal, 2002, p. 17.

#### Dissertations

- [5] L.M. Peng, *Interactions and Control of Technical Parameters during Continuous Casting of In-situ Composite Contact Cable* [Dissertation], Shanghai University, Shanghai, 2000, p. 28.

#### Patents

- [6] J.X. Zhu, J.H. Li, and Y.F. Nie, *The Vacuum-aided System for Used Batteries Recycling*, Chinese Patent, Appl. 01144191.7, 2001.

## Manuscript Submission

A covering letter must accompany each submission indicating the name, address, e-mail address, telephone number and fax number of the author to whom all correspondence is to be addressed. Authors are also asked to provide the names and contact information for three potential referees in the cover letter. However, the journal is not obliged to use the suggested reviewers. Final selection of reviewers will be determined by the editors.

Authors should submit their manuscripts online. Electronic submission can substantially reduce the editorial processing and reviewing time and shorten overall publication time. Please submit your manuscript via ScholarOne Manuscripts (<http://mc03.manuscriptcentral.com/ijom>).

## Copyright Transfer

No article can be published unless accompanied by a signed Copyright Transfer Statement, which ensures a transfer of copyright from author to [University of Science and Technology Beijing](#) and Springer. The Copyright Transfer Statement can be downloaded from [www.springer.com/12613](http://www.springer.com/12613). The signed statement should be uploaded in company with the submission of the manuscript. If the article is not published in *International Journal of Minerals, Metallurgy and Materials*, the copyright transfer will not take effect.

The papers published in *International Journal of Minerals, Metallurgy and Materials* are protected by copyright, and cannot legally be published elsewhere in any form without the written permission from [Editorial Department of International Journal of Minerals, Metallurgy and Materials](#), [Journal Publishing Center of University of Science and Technology Beijing](#).

## Research Data Policy

The journal encourages authors, where possible and applicable, to deposit data that support the findings of their research in a public repository. Authors and editors who do not have a preferred repository should consult Springer Nature's list of repositories and research data policy.

- [List of Repositories](#)
- [Research Data Policy](#)

General repositories - for all types of research data - such as figshare and Dryad may also be used.

Datasets that are assigned digital object identifiers (DOIs) by a data repository may be cited in the reference list. Data citations should include the minimum information recommended by DataCite: authors, title, publisher (repository name), identifier.

- [DataCite](#)

Springer Nature provides a research data policy support service for authors and editors, which can be contacted at [researchdata@springernature.com](mailto:researchdata@springernature.com).

This service provides advice on research data policy compliance and on finding research data repositories. It is independent of journal, book and conference proceedings editorial offices and does not advise on specific manuscripts.

- [Helpdesk](#)

## **Springer Open Choice**

In addition to the normal publication process (whereby an article is submitted to the journal and access to that article is granted to customers who have purchased a subscription), Springer provides an alternative publishing option: Springer Open Choice. A Springer Open Choice article receives all the benefits of a regular subscription-based article, but in addition is made available publicly through Springer's online platform SpringerLink. To publish via Springer Open Choice, upon acceptance please visit [springer.com/openchoice](http://springer.com/openchoice) to complete the relevant order form and provide the required payment information. Payment must be received in full before publication or articles will be published as regular subscription-model articles. We regret that Springer Open Choice cannot be ordered for published articles.

2019 Article Processing Charges (APC) for International Journal of Minerals, Metallurgy and Materials (12613) is EUR 2040 / USD 2690 / GBP 1760 net.



<http://www.springer.com/journal/12613>

International Journal of Minerals, Metallurgy, and  
Materials

Editor-in-Chief: Xie, J.-x. - Editorial Director: Jiang, W.

ISSN: 1674-4799 (print version)

ISSN: 1869-103X (electronic version)

Journal no. 12613