

# Instructions for Authors

## Aims and scope

Peer-reviewed and published bimonthly, *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 fonts.

### *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 matrixes 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.

### **Acknowledgments**

Individuals, units, etc. who were of direct help in the work should be acknowledged by a brief statement.

### **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] Z.J. Li, J.X. Li, W.Y. Chu., H. Liu, and L.J. Qiao, Molecular dynamics simulation and experimental proof of hydrogen-enhanced dislocation emission in nickel, *J. Univ. Sci. Technol. Beijing*, 9(2002), No.1, p.368.

##### *Books*

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

##### *Conference proceedings*

- [3] B. Arsenault, J.P. Immarrigeon, V.R. Parameswaran, *et al.*, Slurry and dry erosion of HVOF thermal sprayed coatings, [in] *Proceedings of the 15th International Thermal Spray Conference*, Nice, 1998, p.231.

##### *Dissertations*

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

##### *Patents*

- [5] J.X. Zhu, J.H. Li, and Y.F. Nie, *The Vacuum-aided System for Used Batteries Recycling* (in Chinese), 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.

Two copies of the full-length paper typed double-spaced on one side only of A4 paper should be sent to: Editorial Department of *International Journal of Minerals, Metallurgy and Materials*, No. 30, Xueyuan Road, Beijing 100083, China. And the electronic manuscript in Word format and a set of electronic figures (not embedded into a Word document) should be also sent to the editorial office by e-mail at journal@ustb.edu.cn.

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