

# CHINA FOUNDRY journal

## Instructions for Author

**Aim and Scope ---** CHINA FOUNDRY journal is the only English journal that dedicated to China's foundry industry. As one of the transactions of the Foundry Institution of Chinese Mechanical Engineering Society, CHINA FOUNDRY, published bimonthly to a worldwide readership in English, covers the whole fields of foundry industry for iron, steel and non-ferrous castings, including sand molding casting, die casting, investment casting, etc. It mainly reports advanced scientific and technical achievements, application technology, successful experiences in the production, management and leadership, recent development and industry information.

CHINA FOUNDRY is committed to rapidly delivering high-quality research findings and results to the world. We aim to make the journal top publication in the fields.

**Types of Contribution —** CHINA FOUNDRY accepts manuscripts that have not been published previously or have not been concurrently submitted to another journal. Manuscripts are considered on the understanding that they present original work.

**File Requirements —** Authors should supply papers as a Word file containing the text, references, tables and figure captions plus an individual high resolution TIFF, JPEG or EPS.file of each figure, with the specification laid out below.

### **Formatting and Style Guidelines —**

In preparing the manuscript as a Word file, there is no need to format the article to a specific template, but please include italic or bold type where necessary. Use hard returns at the end of paragraphs only. Consistency in spacing, punctuation, and spelling is essential.

**Tables and Figures** should be included within the manuscript file, not provided as separate files. That is, all the artwork, graphs and charts should be embedded in the text file within close proximity to where it is cited. Do not wrap text around the artwork. Use Word Table mode, not tabs or spaces between columns. Do not provide tables as image files. Do not use a list of Tables and Figures at the end of the paper. The caption should be flush left, not centred.

Photomicrographs should not bear the legend "magnification x 100" (or similar). Instead, a scale bar should be superimposed on or inserted in the photomicrographs. The line drawings with a computer should be proper in size, clear in lines.

**Equations** should be produced using Word Equation Editor.

**Use of SI units is mandatory.** Journal style is to use the form  $S\ m^{-1}$ ,  $A\ m^{-2}$ ,  $W\ m^{-1}\ K^{-1}$ , **not** S/m, A/m<sup>2</sup>, W/m.K  
Unusual **abbreviations** should be avoided, and all abbreviations that are used must be spelt out in full (with the abbreviation in parentheses) the first time they appear in the text.

**Symbols** should be explained clearly. Do not use the same symbol to represent more than one variable.

**Figures** should be cited in a single sequence throughout the text as ‘Fig. 1’, ‘Fig. 2’.

**Equations and tables** should also be numbered in sequence and referred to in the text as, for example, ‘equation (1)’ and ‘Table 1’ respectively.

**Reference and notes** should be numbered serially in a single sequence. Citations in the text should be as superior characters, thus <sup>[1,2,4-6]</sup>, inside any punctuation marks. References cited for the first time in a table or figure caption should be numbered as if they appeared in the text where the table or figure is first mentioned. References should be set out in a complete list at the end of the paper, numbered according to their appearance in the text, not positioned as footnotes.

**Journal** abbreviations in references follow the ISO system, *e.g.*

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*Mater. Sci. Technol.*,

*Int. Mater. Rev.*,

If the **Journal** abbreviation is not known, the journal title should be given in full.

(1). **Book** references should give full bibliographic details, including Author name, name of book, place of publication, publishing house, year of publication, and start page — end page. *e.g.*

J. V. Wood. Future developments of metals and ceramics. Vol. 1, ed. J. A. Charles *et al.*, London: The Institute of Materials, 1992: 235–239.

(2) *Reference to a chapter in an edited book:*

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Xu F, Guo E, Loria E A, et al. Thermal stability of modified 718 alloys aged for 2000 hours at 700 °C. In: Proceedings of the International Symposium on Superalloys 718, 625, 706 and Various Derivatives, TMS, Pittsburgh, Pennsylvania, 1997: 503–509.

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Wang Zhifeng, Zhao Weimin, Li Haipeng, et al. Fabrication of quaternary Mg-Zn-Y-Ce quasi-crystal alloys and their strengthening effects on AZ91 Magnesium alloys. *China Foundry*, 2010, 7(4): 342-348.

Shechtman D, Blech I, Gratias D, et al. Metallic phase with long-range orientational order and no translational symmetry. *Physical Review Letters*, 1984, 53(20): 1951-1953.

(6). **Patent** references should include:

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Zhang Jinshan. Formation of spherical Mg-based quasicrystal and its strengthening behavior on Magnesium alloys. Ph.D. Thesis. Taiyuan: Taiyuan University of Technology, 2008: 29-31.

(8). **Reference to Technology Standard**

Code of technology standard, title of technology standard.

(9). **Reference to Technology Report**

Author name, title of report, code and serial number of report, unit of preserving report, year of publication

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Author name, name of paper, website, date of publication.

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4. Your research interests; and/or
5. Position in professional and scientific associations;
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<http://www.springer.com/journal/41230>

Electronic Edition: [link.springer.com/journal/41230](http://link.springer.com/journal/41230)

ISSN: 1672-6421 (print version)

ISSN: 2365-9459 (electronic version)

Journal no. 41230

China Foundry

Editor-in-Chief: Lou, Y. - Executive Editor-in-Chief: Ge, C.

ISSN: 1672-6421 (print version)

ISSN: 2365-9459 (electronic version)

Journal no. 41230