

Guidelines for Authors of *Russian Journal of Non-Ferrous Metals*

MANUSCRIPT STRUCTURE

The manuscript should contain the following sections (section headings may vary):

- INTRODUCTION (highlighting goal of work);
- EXPERIMENTAL;
- RESULTS AND DISCUSSION;
- CONCLUSIONS.

The maximum length of a manuscript in conventional format (14-pt font, double-spaced), including figures and tables in the text should be no more than 20 pages.

MANUSCRIPT PREPARATION

1. It is recommended to use Microsoft Word and RTF format; figures are prepared in CDR, TIFF, or JPEG formats.
2. In file names, use Latin letters without spaces.
3. The manuscript should include the title; the list of authors; their affiliations and addresses including city and country; information about authors; abstract; keywords (no more than 15 words and phrases); structured main text with inserted figures and tables; and references.
4. It is advisable to use only Times New Roman font for text and Symbol font for Greek letters.
5. Use physical units and designations adopted in the International System of Units (SI) in this field and the relative atomic weights of elements based on the ^{12}C scale. When naming chemical compounds, IUPAC recommendations should be used.

TEXT FORMAT

1. Do not use more than one space; indents or tabs should be used if needed.
2. Do not end a line by pressing the Enter key. Use it only to start a new paragraph.
3. Use the tools provided by the text editor, such as automatic insertion of footnotes, automatic hyphenation, lists, automatic indentation, etc.
4. In the text and formulas (including indices), variables and physical quantities should be italicized. Greek symbols and abbreviations formed from the names and other words are typed in plain characters.
5. The integer part of a decimal is separated by a period (0.25, not 0,25).
6. Indices should be explained in the text.

FORMULAS

1. Formulas, chemical structural formulas, and diagrams should be placed in the text where appropriate.
2. Signs *, ', and \pm ; single letters of the Greek alphabet; single italic or bold letters; single variables or symbols that have either superscript or subscript; units of measure; numerals in the text; and simple mathematical or chemical formulas (for example, $a^2 + b^2 = c^2$ or H_2SO_4) should be typed in text mode without embedded objects.
3. Mathematical formulas placed on separate lines should be typeset entirely in either the equation editor or using regular text functions. It is not allowed to typeset formulas consisting of several different elements: tables, text fragments, and/or embedded objects.

4. For formulas compiled in the equation editor, general settings should be used for the choice of fonts, sizes, and spacing between characters. Manual changes of individual characters or elements of formulas are not permitted.

TYPING OF TABLES

1. Tables are placed in the text of the manuscript.
2. Tables are numbered using Arabic numerals in the order they appear in the text. After the number, the table title should follow.
3. Each column in a table should have a heading cell and be separated from other columns by lines.
4. Abbreviations are not allowed in tables.
5. Tables should be created using Microsoft Word or Excel. Tables composed manually using spaces or tabs must not be used.

ABBREVIATIONS

Avoid abbreviations. All abbreviations in the manuscript should be explained except for a few commonly used.

UNITS OF MEASURE

1. Use a space between the number and the unit of measure, except for degrees, percent, and promille: 90°, 20°C, 50%, 10‰.
2. Do not put a period after units of measure.
4. For complex units, both negative powers ($\text{J mol}^{-1} \text{K}^{-1}$) and brackets $\text{J}/(\text{mol K})$ or $\text{J} (\text{mol K})^{-1}$ can be used, if it facilitates reading. The main condition is that the units of measure should be used consistently throughout the manuscript.
5. In the listing and in numerical ranges, units of measure are given only for the last numeral (10, 15, and 45 min; from 18 to 20 mm; 30–40 J/mol), except for angular degrees (5°–10°, rather than 5–10°).
6. Units of measure for variables are given with a comma (E , kJ/mol), and for the arguments of logarithms, in parentheses without a comma ($\ln t$ [min]).

PERIODS AND SPACES

1. Do not put a period after the title of the manuscript, a list of authors, a list of affiliations, headings and subheadings, and table headings.
2. References to figures and tables are typed with spaces: Fig. 5 (not Fig.5), Table 2.
3. Quotation marks and parentheses are not separated by spaces from the words in them: (at 300 K), (a).

ILLUSTRATIONS

1. Illustrations with their captions are placed in the text of the manuscript.
2. Figures are numbered using Arabic numerals in the order they appear in the text. All figures must be referenced in the text.
3. Each figure should have a corresponding caption.
4. General requirements:
 - Illustrations should be sized according to their information content: 8–8.5 cm (one column) or 17–17.5 cm (two columns);

- In photos (for example, structures), the scale and magnification of the instrument must be given;
 - Use standard TrueType fonts for inscriptions and symbols;
 - The addition of a gray (color) background or grid to the image is not allowed;
 - Graphs and diagrams should be prepared in vector graphics editors;
 - The resolution should be at least 600 dpi;
 - The thickness of lines should be 0.5 pt or greater;
 - Vector drawings should not contain dotted fills;
 - For all vector illustrations, the fonts used should be included in the file.
6. Halftone illustrations:
- The resolution should be at least 300 dpi;
7. Combined halftone/line illustrations:
- The resolution should be at least 600 dpi.

LIST OF REFERENCES

The list of references includes publications containing data that the author used when writing the manuscript; it is formatted according to the examples given below. The list of publications should reflect the state of the art of scientific research in the given subject field in different countries.

1. References should be available to scientists; therefore, the citation of DOIs of publications is desirable.
2. References in the text are given in square brackets, for example, [1] or [2–5]. Numbering of publications should correspond to the order of references in the text.
3. References to extended abstracts of dissertations or dissertations are allowed if their digital versions are available.
4. References to unpublished works are not allowed.
5. The self-citation rate should not exceed 20%.

Sample references in the required formats are as follows:

Journal article

Kuang, J.P., Harding, R.A., and Campbell, J., To the crystallization theory and casting and ingot structure formation, Mater. Sci. Eng. A, 2012, vol. 329, no. 5, pp. 32–37.

Book, manual, or collection of papers

Humphreys, F. and Hatherly, M., Recrystallization and Related Annealing Phenomena, Oxford: Elsevier, 2004, 2nd ed.

Patent

Lonadier, F.D., Ion exchange method for preparing metal oxide microspheres, US Patent 3438749, 1989.

Meeting papers

*Kolosov, V.N., Orlov, V.M., Prokhorova T.Yu., and Mirosbnichenko M.N., Sodium thermal reduction of potassium heptafluorotantalate heat treated in air atmosphere, in *New Approaches in Chemical Technology of Minerals: Proc. 2nd Russian Conf. (St. Petersburg, June 3–6, 2013)*, Apatity: Kola Scientific Centre, 2013, part 2, pp. 139–142.*

Internet resource

Harrower, M., Consumer markets and minor metals. <http://www.indium.com/metals/gallium>. Accessed November 15, 2013.