

Guidelines for Authors of *Surface Engineering and Applied Electrochemistry*

1. GENERAL

Surface Engineering and Applied Electrochemistry publishes reviews (up to 30 pages) and original papers (8–15 pages).

By submitting a manuscript, the authors guarantee that the corresponding manuscript (original or translated into other languages or from other languages) has not been published or is not under consideration for publication elsewhere.

For the editorial board to make a decision about the possibility of publication, authors should submit a manuscript and a scanned copy of the [copyright transfer agreement](#) completed and signed by all the authors. The agreements enter into force in the case and the moment the manuscript is accepted for publication.

The editorial board asks authors to name three to five possible peer reviewers in a letter to the editor.

Manuscripts should be sent by e-mail. The files of the manuscript (text, tables, and illustrations) and signed copyright transfer agreements can be in a single archive (ZIP).

All manuscripts submitted for publication are peer-reviewed. Upon receipt of a manuscript, the editorial board notifies authors within one business week and specifies the date of receipt and registration number of the manuscript.

A manuscript returned to authors for revision should be resubmitted within two months. After this period, the manuscript is considered a new submission. A letter from the authors describing the corrections made and responding to all reviewer comments should be attached to the revised manuscript.

Upon acceptance of a manuscript, the authors cannot make substantial changes or additions to the text. After publication, the author receives a copy of the published article in PDF format.

The editorial board reserves the right not to discuss reasons for rejection.

2. MANUSCRIPT STRUCTURE

It is recommended to standardize the structure of the manuscript, using subheading: INTRODUCTION, THEORETICAL ANALYSIS, METHODS, EXPERIMENTAL, RESULTS AND DISCUSSION, CONCLUSIONS, and REFERENCES.

The manuscript should include the following elements:

1. Title, specific and informative.
2. List of authors (initials and surnames); the corresponding authors should be specified.
3. Affiliations of the authors: full name of institution, postal address, city, country, and zip code. If there is more than one affiliation, please use sequentially superscripted letters in italic after each surname to match the corresponding address.
4. The e-mail address of the corresponding author. Since manuscripts are sent for correction only via e-mail, when there is only one author, please indicate an alternate e-mail address in case of any technical problems. It is recommended to specify a mailbox that is checked during vacation or business trips. If there are several authors, it is desirable to specify the e-mail addresses of two or three authors who regularly check for received messages.
5. Abstract. The abstract should not be too short and should not contain references to other publications.
6. Keywords. Five to ten words or short phrases accurately reflecting the content of the manuscript.

7. Body of text.

8. List of references. References should adequately reflect the state of the art in the field of study and should be neither excessive nor too brief.

9. Figures and/or tables, if any, should be placed at the end of the manuscript on separate pages. Each illustration should have a caption. If there are several parts to one figure, they should be arranged sequentially and have a common caption.

If the above requirements are disregarded, the manuscript may be rejected without consideration.

3. WORKING WITH DIGITAL PROOFS

After a manuscript is sent to production, the author receives a test e-mail to verify his email address, the article layout to make necessary corrections, and, ultimately, the final version of the article. All letters must be answered without changing the subject line, even if there are no comments or corrections.

4. MANUSCRIPT PREPARATION

It is advisable to use Microsoft Word, Open Office, or any other editor that can generate *.doc, *.docx, or *.rtf files. After a manuscript is accepted for publication, authors cannot make substantial changes and additions to the text. Corrections, additions, etc., made without the knowledge of the editorial board will not be accepted.

The text part of the manuscript should include:

- Title;
- List of all authors;
- Full name of affiliation of each author;
- E-mail address of corresponding author;
- Abstract (~200 words);
- Keywords (five to ten words or phrases);
- Main text;
- List of references.

Use only the following fonts: Times New Roman for text, Gothic Symbol for Greek letters, MathematicalPi2 for handwritten and Gothic characters, and Equation Editor or MathType (for Microsoft Word) or Math (for OpenOffice) for the formulas and standard applications.

Use physical units and designations adopted in the International System of Units (SI) and the relative atomic weights of elements with respect to the ^{12}C scale. When naming chemical compounds, IUPAC terminology should be used.

The files of a manuscript must be submitted to the editorial board by e-mail. The digital version of the manuscript should include the files that contain all the components: text (I), tables (II), and illustrations (III) in PDF and DOC (or DOCX, RTF) formats.

Recommendations for typing text

Do not use more than one space; indentations or tabs should be used if needed.

Do not end a line by pressing the Enter key; it should be used only to start a new paragraph.

Decimals are typed only with a period, not a comma (0.25, not 0,25).

Font sizes (single line spacing with margins of 2 cm on all sides): 18 for the title of the manuscript, 12 for the names of authors, 10 for affiliations and e-mail, 11 for the main body text, 10 for abstract, keywords, and cited literature, and 9 for figure captions.

Recommendations for preparation of abstract

Sentences in the abstract should be short and informative. It should be formed as a single paragraph. Its should be no longer than 200 words.

The abstract has the following functions:

- It reflects the main content of the scientific article, helps to determine its relevance, and to decide whether to refer to the full text of the article.
- It is used for information, including automated systems for information retrieval.

The abstract should include:

- A description of the main topic.
- Goals of the work and methodology used.
- The main results obtained.

Recommendations for selection of keywords

Both words and phrases can be used as keywords.

Each keyword is a separate element. Keywords should have their own importance.

Recommendations for typing formulas

Formulas, chemical structural formulas, and diagrams should be placed in the text where appropriate.

Signs *, ′, and ±; 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 H₂SO₄) should be typed in text mode without embedded objects. Other formulas should be done using an equation editor (Equation, Math-Type).

Mathematical formulas placed on separate lines should be typeset either entirely in 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.

For formulas typeset in an 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.

Abbreviations

Avoid abbreviations. All abbreviations in the manuscript should be explained on first mention except for commonly used ones.

Units of measure

Use a space between a number and unit of measure, except for degrees, percent, and pro mille: 90°, 20°C, 50%, 10‰. Units of measure should be abbreviated without a period.

For complex units, negative powers (J mol⁻¹ K⁻¹) and brackets J/(mol K) or J (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.

In a list and in numerical intervals, the dimension is given only for the last number (18–20 J/mol), with the exception of angular degrees.

Use 5°C for Celsius, not 5°. Angle degrees should never be omitted: 5°–10°, not 5–10°.

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]).

List of references

A reference in the text is presented as a consecutive number in brackets; references are arranged strictly in the order they are mentioned in the text. Two or more references should not have the same number. Identical references under different numbers are not permitted either.

Cited publications should be compiled in a list titled REFERENCES.

Journal titles are given according to the Chemical Abstracts Service Source Index (CASSI).

Publications in the list of references should be formatted as follows.

JOURNAL ARTICLES

Martin, R.D. and Unwin, P.R., Scanning electrochemical microscopy: Theory and experiment for the positive feedback mode with unequal diffusion coefficients of the redox mediator couple, *J. Electroanal. Chem.*, 1997, vol. 439, pp. 123–136.

Kuliev, M.M. and Ismailova, R.S., Electric properties of composites filled with disperse oxides, *Surf. Eng. Appl. Electrochem.*, 2009, vol. 45, no. 4, p. 297.

COLLECTIONS OF PAPERS

Dini, J.W. and Snyder, D.D., Electrodeposition of copper, in *Modern Electroplating*, New York: Wiley, 2010, part 2, pp. 33–78.

BOOKS

Bard, A.J. and Faulkner, L.R., *Electrochemical Methods: Fundamentals and Applications*, New York: Wiley, 2001.

Nakamoto, K., *Infrared and Raman Spectra of Inorganic and Coordination Compounds*, New York: Wiley, 1986.

PATENTS

Globa, N.I., Prisyazhnii, V.D., Diamant, V.A., and Potapenko, O.V., UKR Patent 90234, 2010.

Recommendations for tables

Tables and captions are placed each on a separate sheet at the end of the manuscript, similar to illustrations.

Tables are numbered using Arabic numerals in the order they appear in the text. After the number, the table title should follow.

Each column in a table should have a heading cell; cells should be separated from others by vertical and horizontal lines.

Abbreviations are not allowed in tables.

Tables should be created using Microsoft Word table editor. Tables composed manually using spaces or tabs are not allowed.

Requirements for files of illustrations

Drawings and graphics should be clearly readable and black and white (grayscale, 256 shades of gray). We strongly recommend using as few bright shades as possible for curves. In color figures, do not use yellow, light blue, or light green colors, because after conversion to grayscale, they will look very pale on paper. The same applies to drawings with multiple overlapping or closely spaced curves of the same tracing. It is better to use a darker shade, but change the style (thickness, dotted line, or dashed-dotted line) (Fig. 1). The line thickness should be at least 0.8 pt with the following acceptable size of figures.

Color images and photos are accepted in exceptional cases. The manuscript can be published in color for a surcharge. Photographs are submitted in TIFF format with a resolution of at least 300 dpi for a photograph size no larger than the range specified below. Figures should be made on a white or transparent background, without a grid.

Files containing illustrations should be TIFF (preferably), PDF, PNG, JPG, EPS, PS, EMF, or WMF formats. Vector illustrations (quality does not depend on figure size when zooming) should be preferably submitted in EPS or the format of the program in which they are prepared (for example, opj, nb).

EPS files should not contain a TIFF preview; they should be in ASCII format rather than binary. Files with illustrations are submitted separately: each figure on a separate page, with its caption.

If drawings are prepared in Microsoft Word, the figures should be submitted as *.doc or *.docx files. Each file should contain only one illustration. The name of the file should be written using Latin lowercase letters (a, b, c, ...) and Arabic numerals (1, 2, 3, ...) and must contain the name of the first author, followed by "Fig." and the serial number of the figure in the manuscript; if necessary, additional information may be added; for example, vasilyak_fig03a.tif, vasilyak_fig15_row1-1.eps. For vector drawings and figures prepared in Microsoft Word, it is necessary to submit PDF files with the included fonts. The files of figures and the text of the manuscript can also be submitted as an archive file (RAR, ZIP, etc.).

Files of high-quality/resolution illustrations with a size exceeding 5MB can be sent to the editorial board using file-sharing services, by sending a link to electrom@asm.md; be sure to include the title and name of the first author.