

Author Guidelines

The Author Guidelines are based on the CSE's White Paper on Promoting Integrity in Scientific Journal Publications, 2012 Update and the ICMJE Recommendations for the Conduct, Reporting, Editing and [Publication of Scholarly Work in Medical Journals, December 2016](#).

"Theory and practice of corrosion protection" is an interdisciplinary scientific and technical journal that addresses issues of theory and practice of corrosion protection in the fuel and energy complex, chemical and petrochemical industries, transport, construction and mechanical engineering. Much attention is paid to energy saving and ecology. A special section of the journal is devoted to articles on applied electrochemistry.

The main topics of the articles are new means and methods of corrosion protection, devices and methods of corrosion control, corrosion-resistant materials.

The journal is intended for scientists, specialists in the field of corrosion protection, teachers, students, masters, postgraduates of technical and natural science specialties of universities. It is included in the list of scientific journals and publications issued in the Russian Federation, approved by the Higher Attestation Commission of the Ministry of Science and Education of the Russian Federation, in which the main scientific results of dissertations must be published.

I. Recommendations for the author before submitting an article

Submission of an article to the journal "Theory and practice of corrosion protection" implies that:

- the article has not been previously published in another journal;
- the article is not under consideration in another journal;
- all co-authors agree to the publication of the current version of the article.

Before sending an article for consideration, make sure that the file(s) contain all the necessary information in Russian and English, the sources of information are indicated, and all citations are formatted correctly.

The title page of the article contains (in Russian and English):

i. Name of the author(s)

Authors are individuals who have been identified by the research group as major contributors to the reported work and who have agreed to accept responsibility for their work. In addition to taking responsibility for their own portion of the work, an author should be able to identify which of their co-authors are responsible for other portions of the work.

The journal "Theory and practice of corrosion protection" accepts the following criteria for authorship:

1. Substantial contribution to the conception and methods of the study, collection of data, or analysis and interpretation of data.
2. Drafting the article or revising it critically for significant intellectual content.
3. Final approval of the version of the article to be published.

The list of authors does not include people who are not the authors of the article. The names of people who are not the authors but have provided other support are listed in the Acknowledgments section.

In Russian, when indicating the authors of an article, the surname should be indicated after the initials of the first name and patronymic (P.S. Ivanov, S.I. Petrov, I.P. Sidorov).

In English, when indicating the authors of an article, the format "First name, patronymic initial, last name" is used (Ivan I. Ivanov). Surnames in English must be indicated in accordance with the foreign passport or as it was indicated in previously published articles. If the author does not have a foreign passport and / or publications, the BSI standard must be used to transliterate the last name and first name.

ii. Information about the author (authors)

This section lists the title, position, and other regalia. It also indicates the e-mail and full postal address of the corresponding author.

iii. Affiliation of the author (authors)

Affiliation includes the following data: full official name of the organization, full postal address (including postal code, city and country). Authors must list all affiliations relevant to the study.

If the article was written by authors from different institutions, each author's affiliation with a specific institution must be indicated using a superscript.

The official English name of the institution is required for the English block of information.

iv. Title of the article

The title of the article in Russian should correspond to the content of the article.

The English title should be literate in terms of the English language, while fully corresponding in meaning to the Russian title.

v. Abstract

The recommended length of a structured abstract is 100-200 words. The abstract contains the following sections: Objective, Methods, Results, Conclusion.

The abstract should not include newly introduced terms, abbreviations (except for well-known ones), or references to literature.

vi. Key words

5-7 words on the topic of the article. It is desirable that the key words complement the abstract and title of the article.

vii. Acknowledgments

This section indicates all sources of funding for the study, as well as gratitude to people who participated in the work on the article, but are not its authors. Participation in the work on the article implies: recommendations for improving the study, providing space for research, departmental control, receiving financial support, single types of analysis, providing reagents and other materials for the study.

viii. Conflict of Interest

A conflict of interest is a situation in which people have conflicting or competing interests that could influence editorial decisions. Conflicts of interest may be potential or perceived, or they may

actually exist. Objectivity may be affected by personal, political, financial, scientific, or religious factors.

The author must notify the editor of any actual or potential conflict of interest by including the conflict of interest in the appropriate section of the article.

If there is no conflict of interest, the author must also disclose this. Example wording: "The author declares that she has no conflict of interest."

viii. Conflict of Interest

A conflict of interest is a situation in which people have conflicting or competing interests that could influence editorial decisions. Conflicts of interest may be potential, perceived, or actual. Objectivity may be affected by personal, political, financial, scientific, or religious factors.

The author must notify the editor of any actual or potential conflict of interest by including information about the conflict of interest in the appropriate section of the article.

If there is no conflict of interest, the author must also disclose this. Example wording: "The author declares that he has no conflict of interest."

ix. Article Text

The journal uses the IMRAD (Introduction, Methods, Results, Discussion) format.

x. Figures

Figures must be of good quality, suitable for printing.

All figures must have captions.

The caption and the figure content (names of axes, positions and other notes) must be translated into English using a slash (/).

Figures are numbered with Arabic numerals in the order they appear in the text. If there is only one figure in the text, it is not numbered.

References to figures are formatted as follows: "Figure 3 indicates that ..." or "It is indicated that ... (Figure 3)".

The caption includes the figure's serial number and its title. It is centered: "Figure 2. Description of vital processes".

There is no period after the caption.

The translation of the caption should be placed after the caption in Russian.

Figures should be submitted as separate files: for raster images - in TIFF or JPG format with a resolution of at least 300 dpi, for vector images - in EPS, CDR format. If Excel is used to create graphs - in XLSX or XLS formats. The electronic version of the article should include: a file containing the text of the article, and a file(s) containing illustrations. For convenience, it is advisable to attach all illustrations as a common archive, and indicate the figure number in the names of each file. When preparing a figure, it is necessary to take into account its final size when placing it on a page of the journal. Illustrations are usually placed either across the entire width of the text box, which is 160 mm, or in one column, the width of which is 80 mm. The thickness of the axes on the dependency graphs should be 0.5 ... 0.75 pt; curves - 1.0 ... 1.5 pt. Axis captions are typed in Arial 9 pt, curve designations - in bold Arial 9 pt. It is not allowed to place labels on

the inside of the axes, use grids and background fills. Below is an example of the design of the figures.

Примеры АСМ-изображений результатов скретчинга приведены на рис. 1 и соответствующие им профили – на рис. 2. Как видно по перепадам высот на профилях, полученных для образцов полированной меди, обработанных в спиртовом растворе стеариновой кислоты, толщина слоя не превышает 10 нм. Таким образом, полученные данные согласуются с результатами эллипсометрии. Точечные дефекты, которые образуются при полировке меди (рис. 1а, обозначены стрелками), также можно наблюдать и на образце, покрытом стеариновой кислотой (рис. 1б, обозначены стрелками).

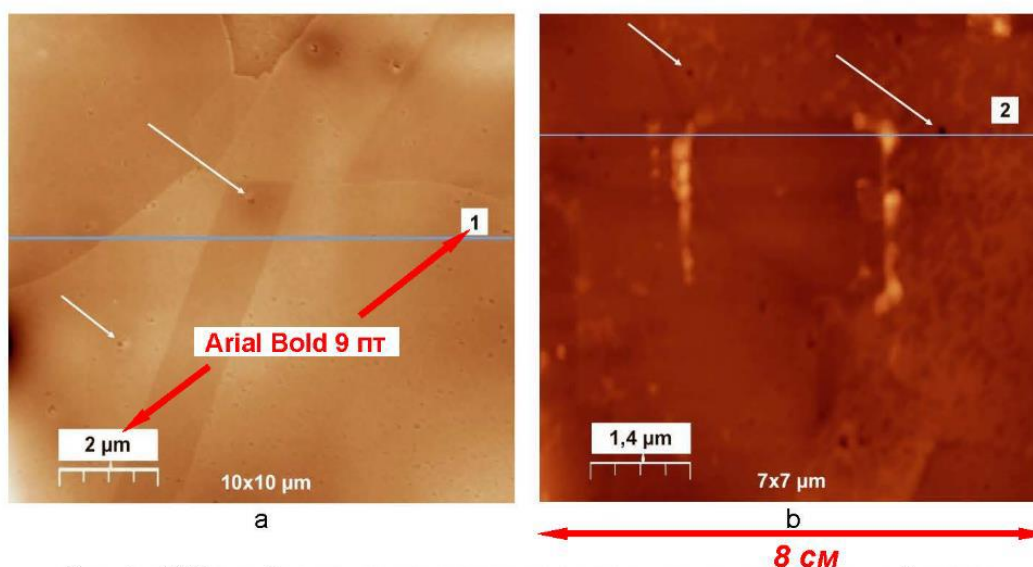


Рис. 1. АСМ-изображения результатов скретчинга на полированной меди: а – без гидрофобизатора, б – обработанной в спиртовом растворе стеариновой кислоты

Fig. 11. AFM images of the results of scratching on polished copper: а – without hydrophobizator, b – treated in an alcoholic solution of stearic acid

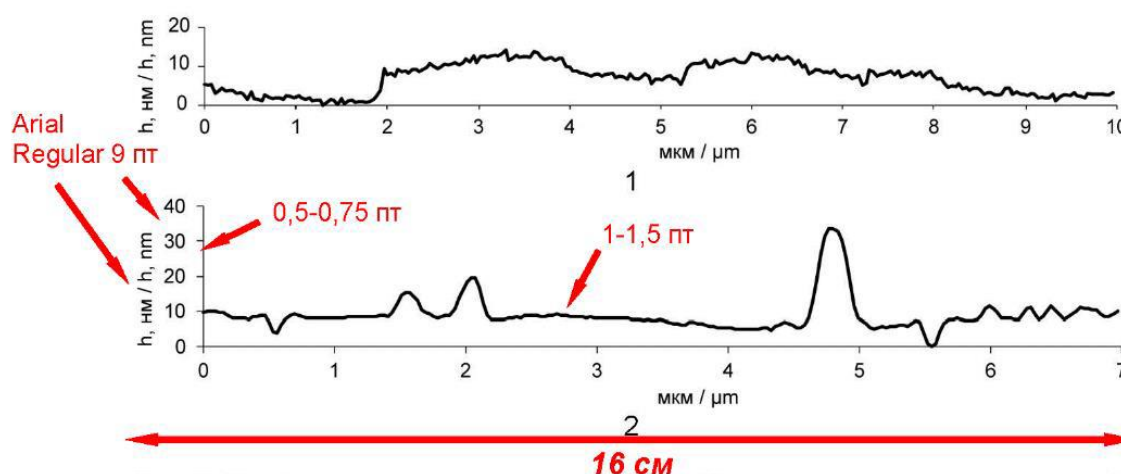


Рис. 2. Профили поверхности согласно рис. 11 для поверхности полированной меди: 1 – без гидрофобизатора, 2 – обработанной в спиртовом растворе стеариновой кислоты

Fig. 12. Surface profiles according to fig. 11 for the surface of polished copper: 1 – without hydrophobizator, 2 – treated in an alcoholic solution of stearic acid

xi. Tables

Tables should be of good quality, suitable for printing. Editable tables are preferable, not scanned or in the form of figures.

All tables should have headings.

The title and table contents separated by a slash (/) should be translated into English.

Tables are numbered in Arabic numerals in the order in which they appear in the text. If there is only one table in the text, it is not numbered.

References to tables are formatted as follows: "Table 3 indicates that ..." or "It is indicated that ... (Table 3)".

The table heading includes the ordinal number of the table and its title.

Aligned to the center: "Table 2. Description of vital processes".

There is no period after the table heading.

The translation of the table heading should be placed after the table heading in Russian.

xii. Screenshots and photographs

Photographs, screenshots and other non-drawn illustrations must be uploaded separately in a special section of the article submission form as files in the following formats: *.jpeg, *.bmp, *.gif (*.doc and *.docx if the image has additional notes). The image resolution must be >300 dpi. The image files must be named according to the figure number in the text. The file description must include a separate caption that must match the name of the photograph included in the text.

xiii. Footnotes

Footnotes are numbered with Arabic numerals and placed page by page. Footnotes may contain: references to anonymous sources on the Internet, references to textbooks, teaching aids, GOSTs, abstracts, dissertations (if it is not possible to cite articles published based on the results of the dissertation research), and author's comments.

iv. References

The journal uses the Vancouver citation format, which involves citing the source in square brackets and then citing the sources in the reference list in the order they are mentioned: [6].

Only peer-reviewed sources (articles from scientific journals and monographs) mentioned in the text of the article are included in the reference list. It is undesirable to include abstracts, dissertations, textbooks, teaching aids, GOSTs, and information from websites in the reference list. If it is necessary to refer to such information, information about the source should be placed in a footnote.

When describing a source, its DOI should be indicated if it can be found (for foreign sources, this can be done in 95% of cases).

References to articles accepted for publication but not yet published should be marked with the words "in press"; authors must obtain written permission to reference such documents and confirmation that they have been accepted for publication. Information from unpublished sources

must be marked with the words "unpublished data/documents", and authors must also obtain written confirmation of the use of such materials.

References to articles from journals must include the year of publication, volume and issue of the journal, and page numbers.

All authors must be listed in the description of each source.

References must be verified, and the output data must be checked on the official website of the journals and/or publishers.

A translation of the list of references into English is required. After the description of the Russian-language source, an indication of the language of the work is placed at the end of the reference: (In Russ.).

The BSI standard should be used to transliterate the names and surnames of authors and journal titles.

Examples of reference formatting in Russian (Literature)

References to articles from journals and collections:

In general, the structure of a reference to an article looks like this:

1Surname I.O., 2Surname I.O. Title of the article // Title of the journal. – Year. – Volume, Issue. – P. 00-00. <https://doi.org/10.31615/j.corros.prot.2024.114.4>

Ershova N.A., Polyakov N.A. Completely depleted radionuclide nickel plating electrolyte // Practice of anticorrosion protection. – 2024. – Vol. 29, No. 3. – P. 50-60.
<https://doi.org/10.31615/j.corros.prot.2024.113.3-5>.

Tsygankova L.E. Bactericidal action of the corrosion inhibitor INKORGAZ-ITD against sulfate-reducing bacteria // Bulletin of Tambov University. Series: Natural and technical sciences. – 2012. – Vol. 17, No. 4. – Pp. 1138-1142.

Links to monographs:

In general, the structure of a link to an article is as follows:

1Surname I.O., 2Surname I.O. Book title. – City: Publisher, Year of publication. – number of pages.

Vigdorovich V.I., Tsygankova L.E. Inhibition of hydrogen sulfide and carbon dioxide corrosion of metals. Universality of inhibitors. – Moscow: Publishing House "CARTEC", 2011. – 253 p.

Tomashov N.D., Chernova G.P. Corrosion and corrosion-resistant alloys. – M.: Metallurgy, 1973. – 232 p.

Examples of references in English (References)

We recommend that you format your literature in English in APA style. To do this, you can use any online service or the built-in function of any Reference Manager (for example, <http://www.citationmachine.net/apa/cite-a-journal/manual>).ga).

Please note that the titles of Russian publications are transliterated if there is no official title in a foreign language. Our journal is officially translated as Theory and Practice of Corrosion Protection.

References to articles from journals and collections

In general, the structure of a reference to an article looks like this:

1Surname, I. O., 2Surname, I. O. of the authors (transliteration). (year). Translation of the article title into English. Name of the source (*italics*). Volume (number), pages. [https://doi....](https://doi.org/10.31615/j.corros.prot.2024.113.3-5) (Indication of the language of the article)

Ershova, N. A., Polyakov, N. A. (2024). Fully Developed Radionuclide Nickel Plating Electrolyte. *Theory and Practice of Corrosion Protection*, 29 (3), 50-60. <https://doi.org/10.31615/j.corros.prot.2024.113.3-5> (in Russ.)

Tsygankova, L. E. (2012). Bactericidal action of the corrosion inhibitor INCORGAZ-ITD in relation to sulphate-reducing bacteria. *Bulletin of Tambov University. Series: Natural and Technical Sciences*, 17(4), 1138-1142. (in Russ.)

References to monographs

In general, the structure of a reference to a monograph is as follows:

1Surname, I. O., 2Surname, I. O. of the authors (transliteration). (year). Title of the monograph (*italics*). City: Publisher. (Indication of monograph language)

Vigdorovich, V. I., Tsygankova, L. E. (2011). *Inhibition of hydrogen sulfide and carbon dioxide corrosion of metals. Universality of inhibitors*. Moscow: Publishing house "CARTEC". (in Russ.)

Tomashov, N. D., Chernova, G. P. (1973). *Corrosion and corrosion resistant alloys*. Moscow: Metallurgiya. (in Russ.)