

## THE MAIN REQUIREMENTS FOR THE PREPARATION OF SCIENTIFIC ARTICLES IN THE UKRAINIAN CHEMISTRY JOURNAL

The fundamental and applied aspects of inorganic chemistry, physical chemistry and electrochemistry, organic chemistry and polymer chemistry are the main objectives of research by Ukrainian scientists-chemists, which found their reflection on the pages of the Ukrainian Chemistry Journal.

The manuscripts of all articles that come to the editorial board are checked for plagiarism with the aid of appropriate programs. If borrowings without references to the corresponding publications in the reference list are found during the check, then the science editor withdraws the manuscript from consideration, and the author receives a message about the presence of plagiarism.

According to the recent requirements of our international partners for the preparation of the scientific apparatus of the article, the author (authors) should indicate an ORCID identifier (in case of its absence, it must be created).

The scientific articles in our journal are printed in the Ukrainian and English languages (article in Ukrainian + abstract in English of no less than (!) 1800 printed characters; article in English + abstract in Ukrainian of ordinary length).

Articles are submitted to the editorial board of the journal only via the journal site in a template. To do this, it is necessary to visit the site [ucj.org.ua](http://ucj.org.ua), to be registered as author, i.e. to complete the author data form, and to upload the article to the journal site. This procedure is needed to determine the submission date and to number the submitted article.

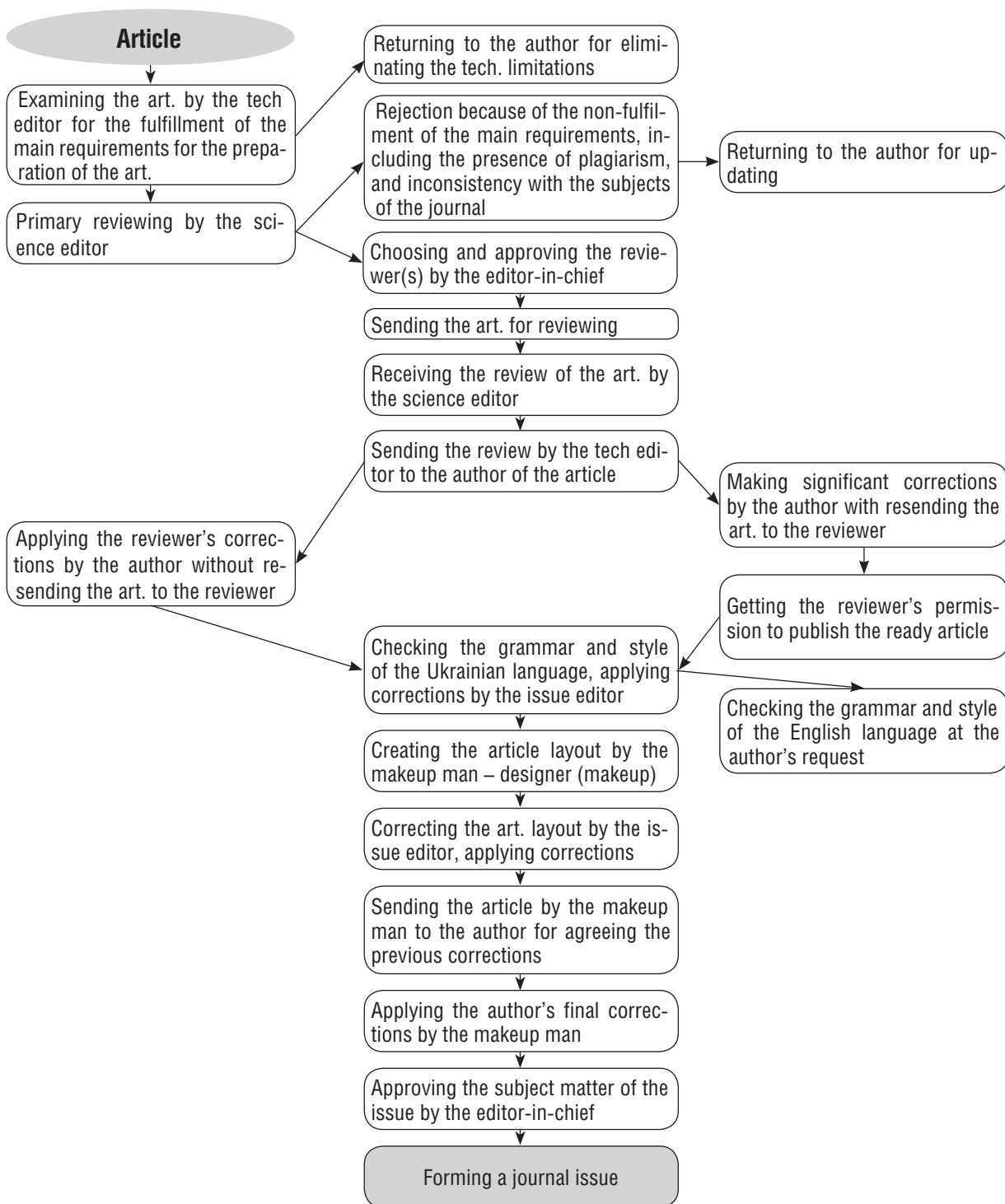
As to reviewing: it remains today the most effective way to assess the research work. The editorial board of the journal uses the so-called double-blind review. In the case of this approach to reviewing, both the author and the reviewer maintain anonymity. This state of affairs allows preserving honesty and ruling out any prejudices. The reviewers are chosen from the list of the reviewers of corresponding trends in chemical science by the science editor with subsequent confirmation of his appointment as editor-in-chief of the journal. The reviewers are working scientists with an h-index of at least 4.

The aim of the reviewing procedure is to avoid the cases of poor scientific research practice and to ensure agreeing and observing the balance of interests of authors, readers, the editorial board, reviewers, and the institution at which the research was done.

In case of dissent from the reviewers' opinion, the authors of the article have the right to give a reasoned answer to the editorial board of the journal. The final decision as to the possibility and expediency of publication is made by the editor-in-chief (or by a member (members) of the editorial board on his instructions), who can send this article to other reviewers for re-review.

After the layout of the article accepted for printing, it is emailed to the corresponding author for final agreement. The author has to send his or her corrections within two working days after the date of sending the letter by the editorial board of the UCJ. If the editorial board receives no reply from the author within the above period, then the article is printed without changes. After that, no further corrections by the author are possible.

**Article structure.** The article must fall within the scope of the journal, present new research results, the presentation of the material (especially of the abstract) should be concise and expressive. The article must contain the sections INTRODUCTION, EXPERIMENT AND DISCUSSION OF THE RESULTS, CONCLUSIONS.

**Algorithm for preparing the scientific article by the editorial board for printing**

**The length of the article** (including the text, reference data (title, surnames, addresses), the abstract and keywords (no more than 5) in Ukrainian; surname, Christian name and patronymic (according to the passport); the abstract and keywords in English; the list of cited literature, tables, figure captions, notes and references) should not exceed 20 printed pages and the length of brief communication 5 printed pages.

**Preparation.** The text should be typeset in the MS Word.doc format with Times New Roman font, size 12 pt, in 1.5 spacing, on an A4 page. Lower, upper, left, right margins: 20 mm.

**Typesetting of formulas and literal symbols.** The complicated formulas should be typeset only in the MathType editor using only Latin and Greek letters. It is not permitted to use Cyrillic letters, including those in indices. Each formula is typeset as a single object (full, 11 pt; subscript, 8 pt; sub-subscript/superscript, 6 pt; symbol, 10 pt). The Greek and Ukrainian letters, mathematical symbols (sin, lg), symbols of chemical elements (Cl, I, CHCl<sub>3</sub>), Roman and Arabic numerals, vectors, super- and subscripts, which are abbreviations of words, are typeset upright. The Latin letters: variables, the symbols of physical quantities (including those in indices) are typeset in italics. To denote variables in the text, a formula editor should not be used, except where this is necessary (e.g. a variable with a superscript and a subscript at the same time). The vectors are typeset in bold (arrows are not put on top).

The physical quantities (except for common exceptions) should be given in SI units.

**All the figures and photographs** should be crisp and have a high contrast; they should be given in an electronic form in the tif or jpg format with a resolution of 300 dpi and more. The numbering of illustrative materials should be continuous and sequential, without omissions and repetitions.

**Novelties:** After the text of the article, information about the sources of financing scientific developments or a gratitude for the financial support from the sponsors should be given. For example:

1. The work was performed within the state budget theme "Synthesis, physicochemical and thermodynamic properties of nanosized and nanostructured materials for electrochemical systems", state registration number: 0120U102184.
2. The work was performed with the financial support of the NAS Ukraine research project 0120U100301.

In the articles written in English, this information is given in English. At the request of our authors, the articles or only abstracts can be translated into English: there are two professional editors at your disposal.

**As to references.** According to **the new rules**, which take into account the requirements of international citation systems, the authors of the articles should provide references in two versions: in the original language and in the Roman alphabet (Harvard reference system) in a separate block, repeating in it in the same order all literature sources independent of whether there are foreign ones among them. That is the sources in Ukrainian, Russian, etc, are duplicated in Latin. If there is an official translation of the name of the journal and the title of the article into English or an article written in English, no transliteration is required; these sources can be provided in the references in English. Practical assistance in online Ukrainian transliteration will be provided, e.g. by the site [ukrlit.org](http://ukrlit.org) and in Russian transliteration by the site [translit.ru](http://translit.ru).

If the original source is not in English, then the language of the publication is given at the end of its description in italics in parentheses: (in Ukrainian), (in Polish), (in Russian), (in German), etc. At the end of the reference, the DOI index (if any) should be indicated. If access to the source was online, then the DOI identifier or URL address should also be indicated.

1. Comby S, Bünzli J C G. Lanthanide near-infrared luminescence in molecular probes and devices. *Handbook on the Physics and Chemistry of Rare Earths*. Amsterdam: Elsevier Science B.V. 2007. **37**: 235.
2. Louër D, Louër M. Méthode d'essais et erreurs pour l'indexation automatique des diagrammes de poudre [A trial-and-error method for automatic indexing of powder diagrams]. *J Appl Crystallogr*. 1972; 5: 271-275. (in French). doi: 10.1107/S0021889872009483.

3. Hindorff L. A., MacArthur J., Morales J., Junkins H. A., Hall P. N., Klemm A. K., Manolio T. A. A Catalog of Published Genome-Wide Association Studies. Available at <http://www.genome.gov/gwastudies> (accessed, September, 2012).
4. Maksymchuk OV, Bezdrobna LK, Sidorik LL, Kiseleva OK, Chaschyn MO. Cytochrome P450 2E1 expression in mice liver under exposure of continuous and acute  $\gamma$ -radiation. *Ukr Biokhim Zhurn.* 2008; 80(4): 59–65. (*In Ukrainian*).
5. Parkhomenko YuM, Pilipchuk SYu, Chernysh IYu, Chehovskaya LI, Stepanenko SP, Donchenko GV. / Proc. Intern. Symp. "The active forms of oxygen, nitrogen and chlorine in the regulation of cell functions under normal and pathological conditions". Grodno, Belarus, 2006. P. 50–55. (*In Russian*).
6. Lugovskoy EV. The Molecular Mechanisms of Fibrin Formation and Fibrinolysis. K.: Nauk. Dumka, 2003. 219 p. (*In Russian*).

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