

RULES FOR AUTHORS

GENERAL REQUIREMENTS

The journal «Proceedings of Voronezh State University. Series: Chemistry. Biology. Pharmacy» accepts to publication materials containing the results of original research, completed in the form of full articles, short reports, and reviews (in agreement with the editors). Published materials, as well as materials submitted for publication in other journals, are not accepted for consideration.

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- 1) the text of the article in Russian or English, in accordance with the requirements below, signed by all authors, UDC, tables, figures and signatures (2 copies);
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- 3) files of all submitted materials on electronic media or by e-mail of the editorial office;
- 4) information about the authors: their positions, academic degrees, telephones and e-mail addresses (in Russian and English).
- 5) cover letter from the organization, conclusion on the possibility of open publication, expert opinion of the internal export control commission, license agreement signed by all authors.**

The articles sent to the editorial board are subject to review and, in case of a positive review, scientific and control editing. An article sent to the author for revision should be returned in corrected form (in 2 copies) together with its original version as soon as possible. To the revised manuscript it is necessary to attach a letter from the authors, containing answers to all the comments and explaining all the changes made in the article. An article detained for more than three months or requiring recycling is considered as newly received.

The fee for the publication of articles is not charged.

STRUCTURE OF PUBLICATIONS

The publication of full articles, short reports and reviews begins with the UDC index, followed by the title of the article, the initials and surnames of the authors, the expanded names of the scientific institutions. Next is the date of receipt of the material in the editorial office, then annotations and keywords – in Russian and English.

The Editorial Board recommends authors to structure the presented material using subheadings: INTRODUCTION, METHODS, DISCUSSION OF THE RESULTS, CONCLUSION, REFERENCES.

EXAMPLE

UDC 577.325

RESEARCH OF OPERATING MODES FOR THE HETEROGENEOUS
BIOCATALYST ON THE BASIS OF THE IMMOBILIZED INULINASE IN THE
REACTOR OF CONTINUOUS ACTION TO RECEIVE FRUCTOSE FROM
INULIN CONTAINING PLANTS EXTRACTS

I.I. Ivanov, P.P. Petrov
Voronezh State University

ABSTRACT

The highly stable heterogeneous preparation of inulinase, immobilized on the ion-exchange KU-2 resins, is developed. It effectively split chemically pure and containing in plant extracts inulin. It is suitable for use not less, than in 10cycles of hydrolysis in a row. Substrate movement from top to bottom with a speed of 3 ml/min (inulin) and 7 ml/min (plants extract) or from bottom to top with a speed of 5 ml/min is optimum at using of the biocatalyst in the reactor of continuous action.

Keywords: inulinase, immobilization of heterogeneous biocatalyst, inulin, extract of *Helianthus tuberosus*, ion-exchange KU-2 resin, reactor of continuous action

INTRODUCTION
METHODS
DISCUSSION OF THE RESULTS
CONCLUSION
REFERENCES

Information about the authors (place of work, surname, first name and patronymic in full, position, contact details – in Russian and English) is placed at the end of the article.

The list of references is compiled according to the citation order and is given at the end of the article. References to the literature are given in the text in square brackets.

After the list of references is a table with information about authors in 2 columns with a hidden grid.

Figures and tables are placed at the end of the article on separate pages.

THE ARTICLE SHOULD BE SUBMITTED IN ACCORDANCE WITH THE FOLLOWING REQUIREMENTS:

- Manuscripts should be provided in the format .doc, .docx or .rtf.
- The length of the article together with the text, figures, tables and lists of literature should not exceed 20 A4 pages, except for reviews and short messages (up to 5 pages).
- The article should be written succinctly, neatly framed and carefully edited.
- Font type Times New Roman.
- The font size is 14 pixels.
- The indent of the first line is 1.25; line spacing 1.5 pt.
- Page parameters: top field – 2.5, bottom – 2.5, left – 3, right – 2.5.
- All pages of the manuscript, including a list of references, tables, signatures to drawings, drawings should be numbered.
- Subheadings inside the article are highlighted in bold.
- The text should not contain automatic hyphens and forced hyphens placed manually. Do not use footnotes.
- Articles should be carefully verified by the authors for spelling, grammatical, punctuation and semantic errors.
- Figures and tables are placed at the end of the article on separate pages.
- Equations, figures, tables and references to literature are numbered in the order in which they are mentioned in the text.
- The format of the figure should ensure the clarity of the transmission of all the details.
- The inscriptions in the figures are given in Russian or English; the dimension of the values on the coordinate axes is usually indicated by a comma (for example, U, B; t, c). The caption must be self-sufficient, without appeal to the text.
- Halftone photographs (used only when absolutely necessary) are presented on white glossy paper (2 copies), photocopies are not accepted.

Figures design:

- the width of the drawing is 80 mm or 160 mm, the height of the drawing is from 60 to 150 mm, the signatures to the axes should be legible, the recommended font for the signatures of the axes and curves is Times new Roman, font size 11 pt;
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- for bitmap images it is necessary to use the TIF format with a resolution of 600 dpi, shades of gray 8 bit; for photographs, you must use TIF format with a resolution of at least 600 dpi;
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- the use of grid lines when plotting charts is excluded;

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Text design:

- greek letters should be typed in Word by Insert → Symbol;
- formulas in the text should be typed using the standard Microsoft Equation or Math Type program;
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- formulas in the text are numbered according to the order of mentioning in the text of the article;
- decimal fractions (0,1; 0,9; 2,3) should be written through a comma;
- throughout the article it is necessary to adhere to a single system of symbols and abbreviations with their initial explanation. For chemical compounds, the IUPAC terminology should be used;
- to designate physical quantities and indices, Latin is recommended (Russian notation is not desirable). Indices and exponents should be located at exactly the required places;
- the dimension is given preferably in accordance with the International System of units (SI).

Requirements for the abstract:

- The abstract should be informative (not contain general words), meaningful (reflect the main content of the article, describe the main goals and methods of research, summarize the most important research results and their scientific significance), structured (follow the logic of the article).
- The abstract should be detailed and detailed (**average volume – 250-300 words**, but it is possible and more). Abstract in English should be written in a competent language using a special English-language terminology.

References

- For automatic transliteration from Russian into the Latin alphabet, it is recommended to contact the website <http://translit.ru> (transliteration standard - BSI; setting before transliteration).

- References to sources in the list of references used are numbered consecutively, in the order of their first mention in the text.
- References in the text, tables and signatures to the figures are indicated by Arabic numerals [in square brackets] and, if necessary, a specific page / page is indicated.
- The recommended number of references is at least 20, mainly from the international Scopus databases and the Web of Science Core Collection, as well as from the Russian Science Citation Index.

Article in Russian

Ovechkin A.S., Kartsova L.A. Methods for the detection and determination of singlet oxygen // J. of Analytical Chemistry. – 2015. – Vol. 70. – No. 1. – P. 3-6.

Article in English, French, German. and other languages (Latin):

Pitts J. N. Singlet oxygen in the environmental sciences. Singlet molecular oxygen and photochemical air pollution / J. N. Pitts, A. U. Khan, E. B. Smith, R. P. Wayne (**with all authors credited**) // Environmental Science & Technology. – 1969. – Vol. 3. – № 3. – P. 241-247.

The book (monograph, collection):

Zhukova N. S. Inzhenernye sistemy i sooruzheniya. Uchebnoe posobie. V 3 chastyakh. Chast' 1. Otoplenie i ventilyatsiya / N. S. Zhukova, V. N. Azarov – Volgograd : VolgGTU, 2017. – 89 s.

Yungnickel I.L. Organic Analysis / I.L. Yungnickel, E.D. Peter, A.Polgar, E.T.Weiss. – New York, 1953. – p. 127.

Conference materials:

Kalinina G. P. Razvitie nauchno-metodicheskoi raboty v Knizhnoi palate / G. P. Kalinina, V. P. Smirnova // Rossiiskaya knizhnaya palata: slavnoe proshloe i nadezhnoe budushchee : materialy nauchno-metodicheskoi konferentsii k 100-letiyu RKP / Informatsionnoe telegrafnoe agentstvo Rossii (ITAR-TASS), filial «Rossiiskaya knizhnaya palata»; pod obshechi redaktsiei K. M. Sukhorukova. – Moskva : RKP, 2017. – P. 61–78.

Internet resource:

Kondrat'ev V.B. Global'naya farmatsevticheskaya. Available at: http://perspektivy.info/rus/ekob/globalnaja_farmacevticheskaja_promyshlennost_2011-07-8.html (accessed 22 June 2023).

Dissertation or dissertation author's abstract:

Velichkovskii B. B. Funktsional'naya organizatsiya rabochei pamyati : spetsial'nost' 19.00.01 «Obshchaya psikhologiya, psikhologiya lichnosti, istoriya psikhologii» : avtoreferat dissertatsii na soiskanie uchenoi stepeni doktora

psikhologicheskikh nauk / Velichkovskii Boris Borisovich ; Moskovskii gosudarstvennyi universitet im. M. V. Lomonosova. – Moskva, 2017. – 44 p.

Patents:

Patent № 2637215 RF, MPK B02C 19/16 (2006.01), B02C 17/00 (2006.01).
Vibratsionnaya mel'nitsa : № 2017105030 : zayavl. 15.02.2017 : opubl. 01.12.2017
/ Artemenko K. I., Bogdanov N. E. ; zayavitel' BGTU. – 4 p.

INFORMATION ABOUT AUTHORS

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An example of registration of information about authors

*Sukhanov Pavel T. – professor, doctor of science (chemistry), Department of Physical and Analytical Chemistry,
Voronezh State University of Engineering Technologies, Voronezh

+7(473)2208578

e-mail: pavel.suhanov@mail.ru

PROOFREADING

After making up the article, the article is sent to the authors for proofreading and should be sent to the editorial office **no more than five days**. In the author's proof only corrections of mistakes made while typing are allowed, and minor changes in the text and tables.

The material is submitted to the Editor:

Russia, 394018, Voronezh, Universitetskaya Sq., 1, cab. 64, Voronezh State University, Medical and Biological Faculty, Editorial Board of the «Proceedings of Voronezh State University. Series: Chemistry. Biology. Pharmacy», responsible. to the secretary M.G. Kholyavka.

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