SUBMISSION GUIDELINES

OF THE JOURNAL "SENSORY SYSTEMS"

The journal Sensory Systems publishes original research articles, reviews, and brief comments that cover physiological, morphological, informational, technical, and other structural and functional aspects of various sensory systems. In particular, the journal focuses on signal reception, sensory information processing, pattern recognition, and the role of sensory systems in cognition and behavior. Sensory Systems welcomes submissions of reviews on current books, information on conferences of interest to the specialists in the field of sensory physiology and robotics. Only completed experimental and theoretical research papers that have not been published and are not under consideration for publishing elsewhere could be accepted.

The journal adheres to the rules of the international Committee on Publication Ethics (Committee on Publication Ethics - COPE, more information can be found at: https://sensorysystems.ru/ru/ethics.html).

Completed experimental and theoretical papers that have **not** been published elsewhere or submitted for publication elsewhere are accepted for publication. Incoming manuscripts are checked for plagiarism.

The manuscript template in doc format can be downloaded at: http://sensorysystems.ru/ru/article_submission.html.

The manuscript must be accompanied by:

- signed license agreement (the agreement form can be downloaded at: http://sensorysystems.ru/ru/article_submission.html/);
- phone number and e-mail address of the contact person (via email or on a separate page).

Reviewing

All manuscripts submitted are reviewed by at least two reviewers in a blind review. External experts and members of the Editorial Board can act as reviewers. The decision on publication is made by the Editorial Board of the journal based on the reviews received. The author can recommend two or three reviewers for his/her work, but the right to choose reviewers remains with the Editorial Board. The Editorial Board may make it a condition of publication to finalize the manuscript in accordance with the recommendations of the reviewers. The Editorial Board reserves the right to reject a manuscript if it does not meet the profile of the journal, is unsatisfactory in scientific content or technical performance. The reviews are sent to the authors together with a motivated conclusion ("accept", "finalize", "reject"). In case of the conclusion "finalize", the authors should submit the revised version of the manuscript within three months. If a revised manuscript is submitted at a later date, it is treated as a new manuscript. Reviews and conclusions of the Editorial Board are kept by the Editorial Board and the Publisher for 5 years.

Author copies

Authors are sent a PDF file of the published article. Technical requirements for the manuscript

Manuscripts should be submitted electronically in Russian or English. The electronic file should be in DOC format. One electronic file should contain the full set of information, i.e. the main text, captions, tables and figures.

The manuscript should be typed in Times New Roman 12 pt font, formatted at 1.5 spacing, on A4 sheets with margins of 3-5 cm on the left side, 1 cm on the right side, at least 3 cm at the top and bottom. Each paragraph starts with a red line, inter-abstract indentation should be equal to line spacing. All pages of the manuscript are numbered in order.

When abbreviations are introduced for the first time, their full decipherment is given. Abbreviations of words other than units of measurement and the abbreviation "i.e." are not allowed.

When typing correctly use uppercase and lowercase letters, letters of the Russian and Latin alphabets and other symbols of similar lettering. Remember that in computer texts all these symbols have different codes.

Figures are placed at the end of the manuscript, not in the text. Each figure should be on a separate page with a figure number. The resolution of figures should be at least 300 dpi. It is recommended that the width of the figure on the page should be 8-8.5 cm (for one column of text) or 17-17.5 cm (for two columns of text, i.e. the width of the page). Original illustration files must be submitted with the manuscript.

Vector illustrations should be submitted in the standard file format of the graphic editor in which they were prepared, EPS format is also accepted. Other illustrations are accepted in any standard graphic formats, preferably TIFF, PNG.

If the figure contains several fragments, they are designated in order by italicized lowercase letters of the Russian alphabet: a, b, c, etc.

If several graphs in the figure are denoted by different symbols or line types, do not use verbal descriptions of them in the caption (e.g., "straight crosses - control, oblique crosses - experience"). Such descriptions are not always clearly understood, and in addition, the configuration of symbols and lines may change during editorial preparation. Show the symbols and line types used in the "legend" directly in the figure, labeling them with the numbers 1, 2, 3... and explaining them in the caption (e.g., 1 - control, 2 - experience).

Color drawings are allowed only by prior agreement with the editorial office.

If authors use illustrations or tables from other publications (including their own) in their manuscript, they should request permission from the Publishers of these publications to reprint or use the materials. Read more: https://www.pleiades.online/ru/authors/permission/

Figure captions are given at the end of the text of the article on a separate page (all on one page) and should be concise and not duplicate the main text of the manuscript; however, all symbols and symbols should be decoded, and the values of coordinate axes should be indicated.

Tables are typed using the table editor. Each table is made on a separate page after the text of the manuscript.

Supplementary materials

For a more complete description of the research, additional materials (audio and video files, presentations, additional tables and figures, etc.) can be attached to the article, provided that the author is the copyright holder of the attached materials, and the author has not previously transferred the copyright for their use to other (except the publisher) persons, or the author has a written permission of the copyright holder for their use for the purposes of publication and

distribution in the journal. Supplementary materials are published only in electronic version at https://elibrary.ru .

Structure of the manuscript

The first page of the manuscript contains:

- УДК (Russian Universal Decimal Classification index; if you do not know the number of your scientific topic, feel free to contact editorial office for assistance: editor.sensys@gmail.com).
- Title. The title of the article should be as specific as possible, preferably not more than 1.5-2 lines (better within one line).
- Initials and surname(s) of the author(s).
- Full name and address of the organization where the work was done. If the authors of the publication are from different institutions, the affiliation of each is marked with a superscript (e.g., I.I. Ivanov¹).
- Contact e-mail address of one of the authors. The contact author in the text is marked with an asterisk (e.g., I.I. Ivanov1:*).
- The words "Received by the editorial office...", After revision...", Accepted for publication..." (dates will be entered by the editorial board).
- An abstract is to be up to 3/4 of a page. The abstract should give an idea of the subject of the research, methods used and main results.
- Keywords.
- DOI: (DOI will be entered by the editors).

Example of resume header design:

Paper title

I. I. Ivanov¹, *, P. P. Petrov²

¹ First Institution, 127000 Moscow, One lane, 19, Russia

² Second Institution, 127000 Moscow, Another lane, 19, Russia

#E-mail: author1@mail.ru

Subsequent sections begin on the second page. The standard structure of a manuscript describing an experimental study includes the following sections.

- The **introduction** should contain a statement of the problem, the level of its study to date and the resulting objectives of the study.

- The **methodology** should show the compliance of the technology and methods with the objectives of the work and, if necessary, ensure the reproducibility of the results by other researchers. It is necessary to specify the type and number of observations, doses of substances, stimulation parameters, features of anesthesia and so on. When performing experiments on humans or animals, it is necessary to describe those features of the methodology that ensure compliance with the norms of harmlessness of experiments for humans and humane treatment of animals.
- The **results** should contain a description of all original data of scientific value and used for further discussion.
- The **discussion** should address the review and evaluation of the most important results. Include only your original data in the results section and data from cited literature sources for discussion. Do not include information in the section unless you can accurately cite its source. If necessary, any published information may be used, but it is advisable to avoid references to non-peer-reviewed publications that do not guarantee the reliability of the information (e.g., conference abstracts, popular science publications).

- Conclusion or Conclusions.

- **Funding**. You should indicate which foundation and grant supported this research and each part of the work separately, if the funding sources are different.
- Ethics approval. The section is mandatory. The section indicates which organization's ethical committee approved the study, for example, "The study was approved by the local ethical committee of the Institute..., protocol number..., date...". If the research was conducted on animals, this section states: "All procedures performed in studies involving animals were in accordance with the ethical standards of the institution where the research was conducted and approved legal acts of the Russian Federation and international organizations". If the research was conducted with human participants, the section "Compliance with ethical standards" states: "All procedures performed in research with human participants comply with the ethical standards of the national research ethics committee and the 1964 Declaration of Helsinki and its subsequent revisions or comparable ethical standards. If articles do not describe research involving human subjects or using animals and performed by any of the authors, the Ethics Compliance section states: "This article does not contain a description of research involving humans or using animals as subjects performed by the authors."

For more information on ethics requirements, see the Research Ethics section at https://sensorysystems.ru/.

- Informed consent. If patients, subjects, or other participants are involved in the study, it is required to indicate that they have been informed and have consented to participate. Example: "Each participant of the study provided voluntary written informed consent, signed by him after explaining to him the potential risks and benefits, as well as the nature of the upcoming study." If personal data of research participants are used in the text of the article, consent for publication is also required.
- **Conflict of interest**. This section is mandatory. If there is no conflict of interest, the authors also indicate "The authors of this article confirmed that there is no conflict of interest to be reported".

- **Authors' contribution**. The section indicates the contribution to the work of each of the authors.
- Acknowledgements. The section is not mandatory, it is filled in at the authors' discretion.

- References.

It is allowed to deviate from the standard manuscript layout, for example, combining the sections "Results of the study" and "Discussion". For review articles, the rubrication (if necessary) corresponding to thematic sections is more adequate. Please be careful when citing journal titles. Journal titles should be cited either in full or with abbreviations according to the "list of serial titles word abbreviations". Abbreviations are preferred.

If the publication has a DOI, its indication is obligatory.

Literature references in the text are given in parentheses by the surname(s) of the authors and, after a comma, the year of publication. If there are two authors, their surnames are mentioned after a comma, without a union. For example: "Previous studies have shown (Ivanov, Petrov, 2000) that...". In the case of three or more authors, only the first surname is indicated with the addition of "et al.". When several sources are cited, they are indicated with a semicolon: (Rozhkova, 2015; Nikolaev, 2001). For citations to different works of teams with the same first author and the same year of publication, the letters a, b, c are added. (Rozhkova, 2015a; 2015b). In the reference list, the letters a, b, c are indicated immediately after the year, without a space.

"References" section

The list begins on a separate page, is compiled in alphabetical order of authors' surnames, without numbering.

Please note that now surnames and initials are written in straight type, the title of the book/journal - in italics, the sign "//" (double slash) is not used in the reference list.

The list is compiled according to the following examples.

Books

Polyak S.L. The Retina. Chicago, The Univercity of Chicago Press. 1941. 607 p.

Byzov A.L. *Elektrofiziologicheskie issledovaniya setchatki* [Electrophysiological studies of the retina]. Moscow. Nauka Publ, 1966. 196 p. (in Russian).

Articles in books or non-periodic titles, book chapters

Rozhkova G.I. Binokulyarnoe zrenie [Binocular vision]. *Rukovodstvo po fiziologii. Fiziologiya zreniya* [Handbook on physiology. Vision physiology] Moscow. Nauka, 1992. P. 586–664 (in Russian).

Journal articles

Gladkov A.P., Kuznetsova E.G., Gladilin S.A., Gracheva M.A. Adaptivnaya stabilizatsiya yarkosti izobrazheniya v tekhnicheskoi sisteme raspoznavaniya krupnykh dvizhushchikhsya ob"ektov [Adaptive image brightness stabilization for the industrial system of large moving object recognition]. *Sensornye sistemy* [Sensory systems]. 2017. V. 31(3). P. 247–260. DOI: xxxxxxx (in Russian).

PhD theses

Grigor'ev Iu.A. *Razrabotka nauchnykh osnov proektirovaniia arkhitektury raspredelennykh sistem obrabotki dannykh*. Diss. dokt. tekhn. nauk [Development of scientific bases of architectural design of distributed data processing systems. Dr. eng. sci. diss.]. Moscow. 1996. 243 p. (in Russian).

Internet pages

Kondrat'ev V.B. *Global'naya farmatsevticheskaya promyshlennost'* [The global pharmaceutical industry]. URL:

http://perspektivy.info/rus/ekob/globalnaja_farmacevticheskaja_promyshlennost_2011-07-18.html (accessed 23.06.2013) (in Russian).

Federal standards

GOST 8.586.5–2005. *Izmerenie raskhoda i kolichestva zhidkostei i gazov s pomoshch'iu standartnykh suzhaiushchikh ustroistv* [State Standard 8.586.5 – 2005. Measurement of flow rate and volume of liquids and gases by means of orifice devices]. Moscow, Standartinform Publ., 2007. 10 p.

Patents

Nikolaev D.P., Postnikov V.V., Khanipov T.M., Usilin S.A., Grigoryev A.S. *Sposob* avtomaticheskoi klassifikatsii transportnykh sredstv [Method of automatic classification of vehicles]. Patent RF. No. 2280590. 2006.

Manuscripts should be e-mailed to editor.sensys@gmail.com

We will contact you within three working days after your submission. In case you did not get any notification within three days, or in case of any difficulties occurring during your submission, please, do not hesitate to contact us via email.

The rules for authors are also available at http://sensorysystems.ru/ru/article_submission.html.