

INFORMATION FOR AUTHORS *SENSORY SYSTEMS*

Please note our updated guidelines for authors.

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.

Submission Requirements

Manuscripts should be written in Russian or in English and submitted online via sensys@naukaran.com. The authors submitting the manuscript in Russian language are expected to present two print copies by land mail. Both printed copies of the manuscript should include all text information, figures, and tables.

The digital version should be in DOC, DOCX, PDF, or TXT format. One digital file should include all parts of the text information, i.e. the main text, figure captions and tables. Please do not submit formulas, tables, figure captions, abstract and other text information in separate files.

A manuscript should be typed using 12, 13, or 14 pt, double-spaced, with 3–5 cm margin on left side, 1 cm margin on right side, and not less than 3 cm on top and bottom sides each (the 1st page should have not less than 7 cm on top side). All pages should be numerated consecutively.

Mathematical and chemical formulas should be inserted into research papers using one of the special formula editors.

Please use correctly uppercase and lowercase letters, letters of Latin and Russian alphabets, and other symbols that are similar in appearance. Remember that in digital texts such symbols have different codes.

Please, do **not** hyphenate and do **not** align text right since this impedes further text processing. Please, align text left.

Do not capitalize headings and other fragments of the manuscript; use capital letters only with proper nouns or at the beginning of sentences (e.g. “The structure

of receptive ...” but not “THE STRUCTURE OF RECEPTIVE...”).

Leave a blank after each punctuation mark (e.g. full stop, comma, semicolon, colon). This is important for a proper work of the editor program.

All illustrations should be submitted in a separate file or in several files. We accept all common file formats for digital graphics: EPS, TIF, JPG, BMP, PDF, PPT, PNG. Image resolution should be not less than 300 dpi. In case several figures are submitted in one file, each of them should be presented on a separate page.

It is permitted to embed the figures directly into the file with the text in DOC, DOCX, or PDF formats. All figures should be placed at the end of the manuscript but not in the text itself. In this case, there is no need to submit figures in separate files.

If the figure contains several fragments, they should be numbered consecutively using lowercase letters of Latin alphabet: *a*, *b*, *c* etc. If there are several line types or symbols on one figure, do not give written explanations in the figure caption (for example, “straight lines indicate control; dashed lines indicate ...”). Such descriptions may be misleading, moreover, the configuration of lines could be changed during the editing phase. Instead, all symbols and lines should be identified in the legend directly on the figure using Arabic numerals (1, 2, 3...) and explain in the figure caption (for example, 1 – control group, 2 – experimental group, etc.).

Colored images might be submitted only after prior agreement with the editorial board.

Major Manuscript Sections, Style, and Content Guidelines

The first page of the manuscripts should include:

- Title.
- Name and Last name of the author (authors).
- Full name of the affiliated organization and its address.
- The line “The paper was submitted ...” (the date of submission will be inserted by editors).
- Abstract (no more than $\frac{3}{4}$ of a page).
- Key words.

All the consecutive sections should start from the second page. The standard structure of the manuscript, describing experimental results, should include the following sections:

- Introduction.

- Methods.
- Results.
- Discussion.
- Conclusion (optional).
- References.

If tables, figures, and figure captions are not submitted in separate files, they should be incorporated at the end of the manuscript text file.

Upon an agreement with editors, an alternative structure may be used, e.g. combining sections “Results” and “Discussion”. In particular, in the case of reviews, the structure could correspond to the topical sections.

No abbreviations are permitted except commonly used (*etc, i.e., e.g. ...*) and designations for physical units.

Figure captions should be provided at the end of the main text. All captions should be concise and should not duplicate the information included in the main text, however, all the symbols should be explained and the coordinate axes should have subscriptions.

The tables should be created using one of the special table editor included in most text processing software available today. Each table should be presented on a separate page.

Paper title should be concise, usually no more than 1.5–2 lines in length (it is recommended to stay within one line limit).

The abstract should provide information about the problem, the methods used and the main results obtained.

The Introduction should contain description of the problem, current state of its investigations and the tasks of the study.

The Methods section should justify appropriateness of the used procedures and tools to the study’s objectives. This section should be detailed enough to ensure that others researchers would be able to reproduce the results. Authors should be mindful to describe number and type of observations, the doses of substances used in the experiments, the parameters of stimulation, details of anesthesia, etc.

In the studies involving experiments on humans or animals, the Methods section should include the statement that research was conducted in accordance with ethical guidelines and designed with regard to safety of human subjects and welfare of lab animals. These guidelines should correspond to the Declaration of Helsinki. Authors are requested to indicate which principles of human and animal protection they complied with in their experiments.

Results section should describe all the original data having scientific significance and discussed further in the text.

Discussion section should consider and evaluate the most significant findings of the study. Authors should discuss their original findings from the Results section

and results from other relevant studies and should **not** include information without reference to original sources. Authors may cite any published information from the sources available, but are they are asked to avoid citing non peer-reviewed journals and sources that do not guarantee reliability of the data (e.g. brief conference theses, popular scientific publications, etc.).

The reference list should include all publications cited in the paper and none more. References to unpublished studies (e.g. “in press”, “from personal correspondence”) are unacceptable. The reference list starts on a new page separated from previous text. Authors’ names should be organized according to the alphabet without numeration. When citing the source in the text, one should indicate author’s (authors’) last name(s) followed by the date of publication in parentheses and separated by commas. Authors’ names are separated by commas only, conjunctions shouldn’t be used. For example, “Recent research revealed (Ivanov, Petrov, 2000), that ...” In case of three or more authors, use the first author’s last name followed by “et al.”.

Please pay attention that since 2016, the titles and bibliography entries of all Russian publications should be translated into English with enclosed original data in brackets. The original language of non-English titles should be indicated at the end of a bibliography entry in square brackets. For publications using Latin alphabet use former rules of citation (without translation).

Basic formats for references (pay attention to punctuation):

Books

Surname N.N. Book Title. City: Publisher, Year. Number of pages.

Atkinson J. The developing visual brain. N.Y.: Oxford Univ. Press, 2000. 211 p.

Chapters and other titled parts of a book

Surname N.N. Article Title // Book Title / Eds. Editor’s Surname. City. Publisher, Year. Ch. Pages.

Koenderink J.J., van Doorn A.J., Kappers A.M.L. Pictorial Relief // Seeing spatial form / Eds. Jenkin M.R.M., Harris L.R. Oxford Univ. Press, 2006. P. 11–33.

Journal articles

Surname N.N. Article Title // Journal Title. Year. Volume. (Issue). Pages.

Sloan L. L. Measurement of visual acuity: A critical review // Arch. Ophth. 1951. 45. P. 704.

Electronic sources with DOI (Digital Object Identifier)

Surname N.N. Article Title // Journal Title. Year. Volume. (Issue). Pages. DOI xxxxxxxx.

Rolfs M. Microsaccades: small steps on a long way//Vision research. 2009. 49 (20). P. 2415–2441. DOI:10.1016/j.visres.2009.08.010.

Theses and dissertations

Surname N.N. Thesis Title. PhD Thesis. Year. City. Country. Univesity.

Frintrop S. VOCUS: A Visual Attention System for Object Detection and Goal-directed Search. PhD thesis, 2005. Bonn. Germany.

Use standard abbreviations for a Journal's name. For the journals with continuous numbering of pages inside the volume, it is not obligatory to indicate the issue number.

Submission should be accompanied by:

– full contact information (land mail and e-mail addresses, phone) listed on a separate page.

Evaluation Process

All submitted manuscripts are subjected for evaluation. After the review process, the Editorial board makes the decision about the manuscript publication. Author may

suggest 2 or 3 referees; however, the reviewers will be chosen by the Editorial board. According to the peer reviews, Editorial board may suggest authors to revise the paper in order to make it acceptable for publication. The board of editors may reject paper if it does not correspond to *Sensory Systems'* scope or because of its insufficient scientific/technical quality.

The review with motivated decision of Editorial board ("accept", "revise", "reject") are forwarded to the authors. In the case of a decision "revise", the authors have three months for re-submission of the revised manuscript. In case of later re-submission, the manuscript is considered as a new submission. All reviews and decisions are saved in the editorial office during 5 years and forwarded to Publisher for saving for the same time. In case of rejection, one copy of the manuscript will be returned to its author(s).

Authors' copy

Authors will get PDF files of their published paper.

ОТ РЕДАКЦИИ ЖУРНАЛА “СЕНСОРНЫЕ СИСТЕМЫ”

Внимание!

Редакционная коллегия обращает внимание авторов на то, что с 2015 года журнал индексируется в базе данных Web of Science. В базе данных приводятся как русскоязычные, так и англоязычные названия статей и резюме. Это налагает повышенные требования к качеству перевода названий и резюме на английский язык. В случае неудовлетворительного перевода редакция оставляет за собой право возвращать рукопись на доработку, и это может привести к задержке публикации.

Редакция обращает внимание авторов и читателей на расширение тематики журнала.

Теперь в тематику журнала входят не только сенсорные системы животных и биосенсоры, но также и **технические сенсорные системы**. Теперь информация о журнале выглядит следующим образом:

Журнал публикует оригинальные статьи, обзоры, краткие сообщения, рецензии на новые книги, информацию о конференциях. Назначение журнала – освещать физиологические, морфологические, информационные и технические аспекты структуры и функции сенсорных систем животных и технических сенсорных систем, принципы представления и анализа информации из окружающего мира и реконструкции его содержания, алгоритмы работы систем автоматического анализа сенсорной информации для управления аппаратами, заменяющими человека в разных сферах деятельности.

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