

# *Frontiers of Optoelectronics*

## Instruction for Authors

*Frontiers of Optoelectronics* is an international peer-reviewed academic journal, supervised by the Ministry of Education of China, administered by Higher Education Press of China and Huazhong University of Science and Technology. The journal is jointly published by Higher Education Press of China and Springer on a quarterly basis in English. Online versions are available through both <http://www.springerlink.com> and <http://journal.hep.com.cn>.

The journal publishes primarily **research article** and **review article** by following the peer-review system. At least two reviewers are requested in the relevant study fields, and review feed-back will usually take about two weeks to three months.

### 1 Manuscript preparation and submission requirements

#### 1.1 Manuscript submission

Authors are encouraged to submit their papers electronically via the online submission system (<http://journalsubmission.hep.com.cn>), or by email to the Managing Editors ([journalsubmission@hep.com.cn](mailto:journalsubmission@hep.com.cn); [mamm@hep.com.cn](mailto:mamm@hep.com.cn); [foc@mail.hust.edu.cn](mailto:foc@mail.hust.edu.cn)). When you first submit your paper, please upload the Word or PDF file. When your paper is accepted, you will be required to send the original source files. All correspondence, including the editor's decision and request for revisions, will be by e-mail. After reviewing process, the manuscript will be finally judged by one of the editors who have the right to accept or reject a paper.

#### 1.2 Submission requirements

##### Cover letter

A covering letter must accompany each submission indicating the **name, address, and telephone number** of the author to whom all correspondence is to be addressed. An affiliation must be supplied for each author. Authors are also asked to provide the names and contact information for four potential referees in their cover letter. However, the journal is not obliged to use the suggested reviewers. Final selection of reviewers will be determined by the editors.

##### Manuscript for research articles

Manuscripts should be in a Word (.doc). The following components are required for a complete manuscript: **Title, Author(s), Author affiliation(s), Abstract, Keywords, Main text, Figures, Tables, Acknowledgements, Appendices (when needed), References**. Include page numbers on the document, beginning with the title page as number 1. It will be preferred if line numbers are included as well.

There is no formal limit for the length of a paper. Please use standard 10- or 12-point Times New Roman fonts.

For most articles, please use the following system of headings with no more than three levels:

- 1 Introduction
- 2 Experimental
- 2.1 . . .
- 2.1.1 . . .
- 3 Discussion

4 Conclusions

Acknowledgements

References

## Manuscript for review articles

Reviews give a general overview of a particular field, providing the reader with an appreciation of the importance of the work, historical context, a summary of recent developments, and a starting point in the specialist literature. Manuscripts should be divided into appropriate sections, such as introduction (motivation and history remarks); outline; basic concepts, examples and results; comments on the relevance of the results, relations to other results and applications; open problems; critical review of the relevant literature; comprehensive bibliography. In addition to undergoing the same rigorous level of technical peer-review as Research papers, Review articles will be critiqued based on the general impact of the field being reviewed, the relevance of the field to experimental mechanics, preexisting reviews of the field, and acknowledgement of the contributing author as a dominant figure in the field. Therefore, it is strongly recommended that authors interested in submitting a Review article correspond with the Editor prior to submission. General formatting text, illustrations, and references are the same as outlined for research papers.

For more details,

**Title** The title of the paper should be explicit, descriptive and as brief as possible –no more than 20 words in length.

**Running title** A short version of the paper title (up to 80 characters including space).

**Author names and affiliations** Where the family name may be ambiguous (e.g., a double name), please indicate this clearly. Present the authors' affiliation addresses (where the actual work was done) below the names. Indicate all affiliations with a lower-case superscript letter immediately after the author's name and in front of the appropriate address. Provide the full postal address of each affiliation, including the country name, and, if available, the e-mail address of each author.

**Corresponding author** Clearly indicate who will handle correspondence at all stages of refereeing and publication, also post-publication. The telephone and fax numbers (with country and area code) in addition to the e-mail address and the complete postal address of the corresponding author should be given.

**Abstract** A short abstract of up to 300 words written in one paragraph, clearly indicating the object and scope of the paper as well as the results achieved, should appear on the first page. It should be written using the abstract environment.

**Keywords** Up to 6 words separated by commas. We would like to encourage you to list your Keywords within the abstract section.

**Tables** Authors should take notice of the limitations set by the size and layout of the journal. Large tables should be avoided. Reversing columns and rows will often reduce the dimensions of a table.

If many data are to be presented, an attempt should be made to divide them over two or more tables.

- Supply units of measure at the heads of the columns. Abbreviations that are used only in a table should be defined in the footnotes to that table.
- Should always use rows and columns to correlate two variables. Submitted single-spaced and in the word processing software used. Do not embed tables as graphic files, document objects, or pictures.
- Submitted as three-line tables, that is, there are three horizontal lines: one under the legend, one under the column heads, and one below the body. Vertical lines are generally not used.
- Label each table at the top with a Roman numeral followed by the table title. Insert explanatory material and footnotes below the table. Designate footnotes using lowercase superscript letters (a, b, c) reading horizontally across the table.
- Unless needed, all the words within the tables should be in lowercases.
- Must be sequentially numbered and called out in the text as, e.g. Table 1. The table should appear after where it is first mentioned in the text.

**Table 1** Please write your table caption here

sample	2/days	4/days	6/days
blank control	61.5	71.4	68.0
PLA	73.2	75.6	65.2
HA-PLA	54.4	78.6	62.4

**Figures** Graphs should be practically self-explanatory. Readers should be able to understand them at a glance.

Dimensional drawings and diagrams should include only the essential details and as little lettering as possible. They should present more of a picture than a working drawing.

Figure requirements:

- 1) Size: should be drawn in the size of they virtually appear.
- 2) Numbering and title: number all figures (graphs, charts, photographs, and illustrations) in the order of their citation in the text and cited as, e.g. Fig. 1. Include a title for each figure (a brief phrase, preferably no longer than 10 to 15 words). Use (a), (b), (c), (d) to give titles for subfigures if there are any.
- 3) Figure quality: should be sharp, noise-free, and of good contrast. All lettering should be large enough to permit legible reduction. The figure quality should meet the requirements:

**300dpi for color images;**

**600dpi for mono images;**

**72dpi for screen images;**

**600dpi for line-drawings.**

- 4) Color of figures: unless necessary, better drawn in black and white for line-drawing; and grayscale for images.
- 5) Figure file formats and location in manuscript: should not be embedded in word processing documents but rather submitted in TIFF, EPS or Corel-Draw file formats. Legends should appear, separate from the figures themselves, where the figures should be located within the paper.
- 6) Maps: please use the authorized maps as the basis for map figure drawing. (Like maps published by China Map Press, and the like.) Any maps drawn without an authorized basis have to be submitted with the certificate from the Surveying and Mapping management. All the maps should follow the publishing requirements released by the Government.
- 7) Unless needed, all the words within the figures should be in lowercases.

## **Formulae and equations**

The requirement for formulae and equations are:

- 1) Formulae should be typewritten whenever possible.
- 2) It is extremely important that all mathematical symbols and letters used are identified and listed and that the required style of appearance of such symbols is clearly indicated, e.g., bold face, italics, script, outline, etc.
- 3) Subscripts and superscripts should be set off clearly.
- 4) Identify in the margin any symbols that might be confused with similar symbols.
- 5) The words Equation or Equations should appear in full at the beginning of sentences but be abbreviated to Eq. or Eqs. elsewhere.
- 6) A nomenclature can be included (with the use of = signs) after the abstract if there is a significant number of symbols in the paper.
- 7) Equations should be located separately from other lines. Authors are encouraged to place them in two-column format, unless it is necessary to place them in one-column.

**Abbreviations** Do not use abbreviations in the title or abstract and limit their use in the text. Expand all abbreviations at first mention in the text.

**Footnotes** Footnotes should only be used if absolutely essential. In most cases it will be possible to incorporate the information in normal text. If used, they should be indicated by superscript numbers (e.g., 1),2),...) and kept as short as possible.

**Acknowledgements** The “Acknowledgement section” is the general term for the list of contributions, credits, and other information included at the end of the text of a manuscript but before the references. Conflicts of interest and financial disclosures must be listed in this section. Authors should obtain written permission to include the names of individuals in the Acknowledgement section.

**Citations and References** In-text citations must agree with the references in either numbering or order. The references should be presented completely and without mistakes, and should be the original publication. References cited in the text should be numbered consecutively by Arabic numerals. In the reference section, references should be listed in the same order as cited in the text. Grouped citations should be separated by comma (two or inconsecutive references) or connected by “–” (no less than three and consecutive references): e.g., [1,2], [1–5], or [1–3,5]. Journal names should be spelled out in full.

### **For journals,**

1. Gu X, Karunasiri G, Chen G, Sridhar U, Xu B. Determination of thermal parameters of microbolometers using a single electrical measurement. *Applied Physics Letters*, 1998, 72(15): 1881–1883

### **For books,**

1. Gaydon A G, Wolfhard H G. *Flames*. 2nd ed. London: Chapman and Hall Ltd, 1960, 30–35

### **For proceedings,**

1. Dmtriev V. Complete tables of the second rank constitutive tensors for linear homogeneous bianisotropic media described by point magnetic groups of symmetry and some general properties of the media. In: *Proceedings of IEEE MTT-S IMOC'99*. Berlin: Springer, 2000, 435–439

### **For symposiums,**

1. Polito V S. Calmodulin and calmodulin inhibitors: effect on pollen germination and tube growth. In: Mulvshy D L, Ottaviaro E, eds. *Pollen: Biology and Implication for Plant Breeding*. New York: Elsevier, 1983, 53–60

### **For dissertations,**

1. Chen B. Theoretical studies of dielectronic recombination for Be-like titanium, molybdenum, gold and lead ions and spectrum for highly ionized titanium and gold atoms. Dissertation for the Doctoral Degree. Chengdu: Sichuan University, 1998, 99—100

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**Author enquiries** For submission inquiries, tracking articles and any information please contact the *Frontiers of Optoelectronics* office. All correspondence for the journal should be sent to the managing editors ([mamm@hep.com.cn](mailto:mamm@hep.com.cn); [foc@mail.hust.edu.cn](mailto:foc@mail.hust.edu.cn)). Please include the manuscript dispatch number in all correspondences.

**Author benefits** The articles enjoy a fast peer-review and production workflow and will be published more quickly with the online first publishing on the basis of individual articles. The submitted manuscripts will get polished in language by highly qualified editors before typeset if necessary.

## A sample:

San ZHANG et al. Overview of optoelectronics

Front. Optoelectron. (2012):

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RESEARCH ARTICLE

# Overview of optoelectronics

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**Abstract** This paper...

**Keywords** optoelectronics, frontiers, optical communication

## 1 Introduction

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## 2 Experimental

2.1 .\*\*\*

2.2 \*\*\*

2.2.1 \*\*\*

2.2.2 \*\*\*

2.3 \*\*

## 3 Results and discussion

3.1 \*\*

3.2 \*\*\*

## 4 Conclusions

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**Acknowledgements** \*\*\*\*\*

## References

1. Gu X, Karunasiri G, Chen G, Sridhar U, Xu B. Determination of thermal parameters of microbolometers using a single electrical measurement. *Applied Physics Letters*, 1998, 72(15): 1881–1883
2. Gaydon A G, Wolfhard H G. *Flames*. 2nd ed. London: Chapman and Hall Ltd, 1960, 30–35
3. Dmitriev V. Complete tables of the second rank constitutive tensors for linear homogeneous bianisotropic media described by point magnetic groups of symmetry and some general properties of the media. In: *Proceedings of IEEE MTT-S IMOC'99*. Berlin: Springer, 2000, 435–439

