

## Instructions for Authors

*Journal of Harbin Institute of Technology (New Series) (JHIT)* is world-oriented academic journal in natural science and engineering technology sponsored by Harbin Institute of Technology. Publishing 6 issues per year, the journal welcomes original high-quality contributions in the following fields: Aerospace and Astronautics, Control Science and Engineering, Electronics and Communication Engineering, Materials Science and Engineering, Computer Science, Robot Technology, Mechanical Engineering and Automation, Energy Science and Engineering, Electrical Engineering, and so on.

*JHIT* is indexed by the following databases: Scopus, Zentralblatt MATH, Current Bibliography of Science and Technology Japan (CBSTJ), Russian AJ, China National Knowledge Infrastructure (CNKI), Superstar Journals Database, WANFANG Data, and Chongqing VIP (CQVIP).

The journal considers all manuscripts meeting the following requirements:

- ★ The manuscript must be original, which does not duplicate any previously published work including the author's own publications;
- ★ The manuscript is only submitted to *Journal of Harbin Institute of Technology (New Series)*, which means it is not under peer review, accepted for publication, in press, or published elsewhere;
- ★ The manuscript contains nothing that is confidential or illegal.

## Introduction for Submission

### ***Manuscript Preparation***

Manuscripts are required to be submitted through the online submission and review tracking system at [http://hit.alljournals.cn/jhit\\_cn/ch/index.aspx](http://hit.alljournals.cn/jhit_cn/ch/index.aspx). *JHIT* adopts the double-blind review policy (i.e., reviewers' and authors' identities are concealed from each other throughout the review process). To facilitate this policy, authors are required to submit two separate files:

- ★ **Title Page** that includes manuscript title, authors' names in proper sequence (the corresponding author marked with “\*”), authors' affiliations, sponsorship (fund projects and grant numbers), acknowledgements, and contact information of the corresponding author (name, current address, email address);
- ★ **Main Document** that includes manuscript title, abstract, key words, CLC number, main text, figures, tables, and references, but is without author or sponsorship information, excluding any information that gives away authors' identity.

### ***Uploading PDF Files***

Authors are required to use Microsoft Word to write the Title Page and Main Document and save them as PDF files. After registering and signing in on the submission and review tracking system, authors should follow the instructions to upload them separately.

### ***Uploading “Copyright Transfer Agreement”***

Once the manuscript is accepted for publication, authors shall upload the signed “Copyright Transfer Agreement” together with the final manuscript. Please refer to “*JHIT* Copyright Transfer Agreement” on the journal website.

### ***Manuscript Revision***

The final manuscript must be without language errors and in editable word format with the revised contents highlighted.

### ***Sponsorship: Fund Project and Grant Number***

Sponsorship information should be included in the Title Page and formatted as below:

Sponsored by the National Natural Science Foundation of China (Grant No. \*\*\*), the Major State Basic Research Development Program of China (Grant No. \*\*\*), and the Key Project of Science and Technology of Shanghai (Grant No. \*\*\*).

### ***Acknowledgements***

Acknowledgements should contain all the information concerning the help the authors received in the process of manuscript writing (which includes language revision and refinement, proofreading, provision of experimental data or experiment equipment, technical instruction, etc.). Acknowledgement are to be placed in a separate section after the main text and before the references.

*Note: Do NOT include Acknowledgement in the Main Document when submitting the manuscript, rather include it in the Title Page. Add it to the appropriate place after the manuscript is accepted.*

### ***Change of Authorship***

Authors are expected to consider carefully the list and order of authors before submitting their manuscript and provide the definitive list of authors at the time of the original submission. Any addition, deletion or rearrangement of author names in the authorship list should be made only before the manuscript has been accepted and only if approved by the Editor of the journal. The corresponding author must provide a written confirmation, which states the reasons for the change in author list and with signatures from all authors that they agree with the addition, removal or rearrangement. Upload the scanned copy or photo of the declaration to our submission and review tracking system or email it to the Editorial Department, email address: [hitxuebao\\_e@hit.edu.cn](mailto:hitxuebao_e@hit.edu.cn). After the manuscript is accepted, no author's information shall be changed.

### ***Manuscript Format***

#### **Language**

Only manuscripts written in English are accepted. Manuscript should be proofread and have language errors corrected before submission as we may have to return papers due to poor language usage.

**Title**

Titles should be concise and informative, and generally no more than 15 words.

**Authors**

Authors of a manuscript are no more than 6 people. All authors should include their full names, complete affiliations, and postal address.

**Abstract**

Abstract should be one paragraph containing a complete but concise description of the work in 200 words. The abstract should state briefly the purpose of the research, the adopted approach, the principal results and major conclusions. Since the abstract is indexed in many database systems, it should be self-contained without any undefined abbreviations or any cited references.

**Keywords**

3 to 8 keywords are to be provided, which can be used for indexing purposes.

**CLC number**

CLC (Chinese Library Classification) number are required for publication.

**Footnotes**

Please provide the received date of manuscript, the name and number of funding program, the name and email address for corresponding author on the footnote of the title page of the manuscript.

**Formulates and symbols**

Formulates, symbols and all subscripts, superscripts, Greek letters, and other characters must be legible and carefully checked. Standard mathematical notation should be used. All symbols used in manuscript must be explained.

Single letters that denote mathematical constants, variables, and unknown quantities should be set in italic type in text and in equations. Numerals, operators, and punctuation should be set in Roman type (upright), so are the commonly defined functions or abbreviations, for instance, cos, det, e or exp, lim, log, max, min, sin, tan, d (for derivation) should also be upright. Vectors, tensors, and matrices should be set in bold italic.

**Figures and tables**

The highest possible quality figure format is required. All figures must be numbered using Arab numerals in order, in which they appear in the manuscript. For each figure, please supply a figure title and a figure caption. Make sure to identify all elements found in the figure in the caption.

All tables are to be numbered using Arab numerals. Tables should be always cited in text in consecutive numerical order. For each table, please supply a table title. The table title should explain clearly and concisely the

components of the table. The table is in the three-line table form.

### Heading/Section levels

Decimal system of headings with no more than three levels are used in manuscripts. For example, 0 Introduction, 1 Experimental, 1.1..., 1.2..., 1.2.1..., 1.2.2..., 2 Results and Discussion, 3 Conclusions.

### References

The list of references should only include works that are cited in the text and that have been published or accepted for publication. Papers accepted for publication but not yet published are cited as “in press”. References to the literature are cited by number in square brackets at appropriate locations (before a period, comma, etc.) in the text, for example, “... as demonstrated<sup>[5,8]</sup>...; Li<sup>[9]</sup> obtained ...; In Ref. [10], ...”, and make sure that all the references in the reference list are cited in the main text. *JHIT* supports manuscripts using the citation-management software EndNote. When submitting, authors click “Begin EndNote Submission” in the “Start New Submission” interface, then follow the steps to complete submission. The system will automatically adjust the reference format according to the requirement of our journal. At least 20 references are required.

All literature citations are compiled in a numbered references list at the end of the manuscript text, in the order of their first citation in the text. Each numbered reference may contain only one literature citation. Authors should ensure references are given in the correct format, including titles of journal/book chapters with initial and final page numbers.

### Reference style

(1) Books: [Serial No.] Author name(s). Book title. Place of publication: publisher, year of publication. Cited initial and final page numbers.

e.g., [1] Brouwer R, Dewit C T. A Simulation Model of Plant Growth with Special Attention to Root Growth and Its Consequences. London: Butterworth, 1969. 224-244.

(2) A chapter/an article in an edited book: [Serial No.] Author name(s). Title. Author(s) of source reference. Book title. Place of publication: publisher, year of publication. Cited initial and final page numbers.

e.g., [1] Brouwer R, Dewit C T. A Simulation Model of Plant Growth with Special Attention to Root Growth and its Consequences. Wittington W J. Root Growth. London: Butterworth, 1969. 224-244.

(3) Journals: [Serial No.] Author name(s). Article title. Journal name. Year of publication, Volume No. (Issue No.): initial and final page numbers. DOI number.

e.g., [1] Wang L, Liu G H, Qiu Z P. Review: recent developments in the uncertainty-based aero-structural design optimization for aerospace vehicles. Journal of Harbin Institute of Technology (New Series), 2018, 25(3): 1-15. DOI: 10.11916/j.issn.1005-9113.17110.

(4) Conference Proceedings: [Serial No.] Author name(s). Article title. Proceedings title. Place of publication: Publisher, year of publication. Starting and ending page number. DOI number.

e.g., [1] Kalognomos G, Frangos P. Combining capon and APES noise covariance estimates for spectral estimation for ISAR applications. Proceedings of 2nd International Conference on Recent Advances in Space

Technologies. Piscataway: IEEE, 2005. 694-698. DOI: 10.1109/RAST.2005.1512656.

(5) Master's theses and doctoral dissertations: [Serial No.] Author name(s). Thesis/dissertation title. Place of publication: publisher, year of publication. Initial and final page numbers.

e.g., [1] Xiao D. Research on Aerostat Borne Inverse Synthetic Aperture Radar Imaging Technique for Aircraft. Harbin: Harbin Institute of Technology, 2016.110-114.

(6) Electronic materials: [Serial No.] Author name(s). Title. Source of or access to the electronic material, date of publication or update/date of citation (optional).

e.g., [1] Fu X W, Wang Y, Louis S, et al. Review: Natural Polymer Electrolytes for Lithium Ion Batteries, [http://hit.alljournals.cn/jhit\\_cn/ch/reader/view\\_abstract.aspx?file\\_no=20180101&flag=1](http://hit.alljournals.cn/jhit_cn/ch/reader/view_abstract.aspx?file_no=20180101&flag=1), 2018-02-01.

(7) Patent: [Serial No.] Patent holder(s). Name of patent. Patent country: Patent No., date of publication.

e.g., [1] William H E D. Li-ion Battery Monitor: U.S: US201314141815, 2014-08-28.

(8) Standards: [Serial No.] Author name(s). Standard number. Title. Place of publication: publisher, year of publication.

e.g., [1] Zhejiang Innuovo Machinery CO., LTD. GB/T 2100-2017 Corrosion-resistant steel castings for general applications. Beijing: Standardization Administration of the People's Republic of China, 2018.