

RULES OF PUBLICATION OF THE JOURNAL OF THE JAPAN INSTITUTE OF ENERGY AND CONTRIBUTION THERETO

Revised on January 24, 2003
Revised on January 24, 2004
Revised on January 24, 2007
Revised on January 1, 2008
Revised on June 25, 2009
Revised on March 26, 2000
Revised on September 25, 2012
Revised on July 1, 2013
Revised on January 1, 2017

(General)

Article 1 These rules provides for matters pertaining to the publication of the Journal of the Japan Institute of Energy (hereinafter referred to as “the Journal”) and contribution of articles thereto, in order to facilitate the “publication of the Journal”, one of the undertakings stated in the Articles of Association.

(Objectives and title)

Article 2 The Japan Institute of Energy shall publish “Journal of the Japan Institute of Energy (the Journal)” whose title in Japanese is 「日本エネルギー学会誌」 for the objectives of publishing widely in academic circles in Japan and abroad and to individual persons and bodies interested in energy the scientific and technological discoveries, theories and knowledge on energy as well as the precious experiences, outcomes of investigations/ researches.

(Editorial committee)

Article 3 The Journal shall be edited by the Editorial Committee based on the “Editorial policy” described in Article 5.

2. The Editorial Committee shall be comprised of the members of the Japan Institute of Energy (hereinafter referred to as JIE) and persons knowledgeable in energy in number at maximum 30.
3. The Chair shall be one person who is commissioned by the President after deliberation in the Board of Directors.
The term of office of Chair shall be, in principle, two years, not precluding his/ her re-commissioning and reelection.
4. The Vice-Chair and members shall be commissioned by the Chair, not precluding their re-commissioning and reelection.
5. The Editorial Committee shall convene periodically for discussing the editorial policies, Editorial

Committee projects and others.

6. The Editorial Committee shall report its activities as needed to the Board of Directors for approval.

(Publication and distribution)

Article 4 The Journal shall be published in the electronic journal publishing of Japan Science and Technology Information Aggregator, Electronic (JSTAGE).

2. Full text of the contributed articles shall be published in J-STAGE and their summary shall be published in Nihon Enerugii Gakkai Kikanshi / Enernmix.

(Editorial policy)

Article 5 The electronic journal by J-STAGE shall be published every month.

2. The format shall be A4 and be either in Japanese or English.
3. The contents of the Journal shall consist of articles useful for the development of science and technology related to energy and shall be effective for the exchange of knowledge among individual persons and bodies interested in energy and for mutual enlightenment.
4. The types of articles shall be classified into the following:

(1) Review

Arguing on an impartial ground specific issues related to JIE in terms of their recent progress, forecast, etc. based on a broad spectrum of information; or arguing on the outcomes of researches or investigations made by the contributor including his/ her own opinions.

(2) Original Paper

Paper on an original academic study containing a new fact(s) or a valuable conclusion that has not been published elsewhere. To note, the academic study includes academic investigations and studies having the aspects of technological/ policy discussions.

(3) Technical Paper

Paper on the technological development and industrialization of products, equipment, plants, processes, etc., containing outcomes valuable for industry or engineering.

(4) Short Paper

Article less in content and shorter than original paper, containing, however, new facts or valuable data that require prompt reporting

(5) Technical Report

Paper reporting objectively what is not original but useful in practical applications; or paper stating matters relevant to the activities of JIE and are considered beneficial.

(Manuscript of contributed article)

Article 6 The contributor of article shall submit his/her article in accordance with the “Guide for writing and contributing articles to the Journal”. Based on the opinion sheet of the referee selected by the editorial members, the contributor shall correct the manuscript as necessary. Whether or not to publish the submitted final manuscript shall be decided by the editorial members based on the opinion sheet of the referee.

2. The contributors of article shall not be limited to the members of the JIE.

3. Where it concerns a contributed manual, once its publication is decided, the contributor shall pay the fees for publication defined separately in the “Guide for fees for the publication of manuscript contributed to the Journal”, unless the Editorial Committee decided otherwise.

(Copyright)

Article 7 The copyright of articles published in the Journal shall belong to the Japan Institute of Energy.

(Separate printing)

Article 8 Separate printing shall be charged according to the fees defined separately in the “Guide for separate printing orders for manuscripts contributed to the Journal”.

(Revisions)

Article 9 The revision of these rules shall be approval by the Board of Directors.

SUPPLEMENT

These rules shall become effective as of January 1, 2017.

Guide for Authors, Journal of the Japan Institute of Energy

July 1, 2017

(General)

Article 1 This guide decides how to prepare and submit manuscripts to the Journal of the Japan Institute of Energy, which is based on the Article 7, Regulation on Publication and Submission, Journal of the Japan Institute of Energy.

2. The Editorial Committee judges the submitted manuscript based on this guide.

(Preparation)

Article 2 Manuscript should be prepared in English or Japanese. The manuscript for Review, Original Paper, Technical Paper, Short Paper, and Technical Report should consist of title page, abstract, keywords, main text, reference, figures, and tables.

2. The title page should contain the following.

(1) Type of manuscript

(2) Title: Should be simple

(3) Authors: For the manuscript by more than one authors, place *1, *2, ... on each name and on the affiliation in (4) which should be in correspondence.

(4) Affiliation and Address

(5) Corresponding author's name, telephone number, fax number, and e-mail address.

3. Abstract should include the purpose, methodology, and achievements, without referring to the main text. It should be less than 200 words. Keywords should follow the abstract. One keyword should be consisted of less than three nouns expressing things and materials.

4. Main text should be prepared as follows:

(1) It is not strict, but the purpose and conclusions should be clearly stated in manuscript such as Original Paper, and Technical Paper. Recommended example of the text structure is Introduction, Experimental, Results and Discussions, and Conclusion. Short Paper does not need to follow this structure, but should be simple. Common sense in each research field and textbook-like explanation should be avoided.

(2) Use SI units. If utilization of non-SI units are unavoidable, conversion to SI units should be shown.

(3) Follow IUPAC rule for chemical compounds.

(4) The structure of the main text should be clarified using numbers as follows.

1. ..., 1.1 ..., 1.2 ..., 1.2.1 ..., 1.2.2 ..., which is followed by (1) ..., (2) ... Further subsections should be avoided.

(5) When footnote is needed, superscripted [1], [2], ... should be used, and it should be shown at the end or the page.

(6) The new paragraph should be indented by 5 letters.

(7) Expressions should be shown as

$$x = \frac{a+b}{c+d} \quad (1)$$

, using one line.

(8) All figures should be referred to from the main text. The first appearance in the text should be in bold.

(9) When necessary, Nomenclature can be added.

5. Tables, figures, and photos

The content of tables and figures should not be the same, and only ones needed for understanding the main text should be included.

(1) Tables should be prepared as follows.

Table caption should be located above the table.

Footnotes should be shown below the table.

(2) Figures and photos should be prepared as follows.

Figures should be prepared with computer software.

Figure caption should be located below the figure.

Photos should be treated as figures. Clear contrast is needed. For the case of paper submission, photo should be pasted on a A4 paper. Electric files for figures and photos may be requested for publication.

(3) Color printing

Expenses needed for color printed should be covered by the authors.

6. Referred materials

The authors are responsible to get permission to use materials protected by copyright.

7. References

(1) References should be indicated by superscripted numbers as 1) 2), or 1) ~ 3). The list should be placed at the end of the main text. See the examples below.

(2) Abbreviation of journal titles should follow the rule of Chemical Abstracts. Use the following homepage if necessary.

<http://cassi.cas.org/search.jsp>

(3) The list of the references should be indicated in the

order of authors, journal, volume, number (if needed), pages, and year of publication as shown below. Reference of web site should be minimum, and if cited, last access date should be given. Journal title should be italicized, and the volume number should be in bold. Publishers should be given for the books. The cited pages in books should be shown as pp. 123-125. Titles of books and preprints should not be italicized.

[Examples]

- 1) Iwasaki, T.; Satokawa, S.; Kojima, T.: *J. Jpn. Inst. Energy*, **92**, 327-336 (2013)
- 2) Maa, Q.; Wang, D.; Wu, M.; Zhao, T.; Yoneyama, Y.; Tsubaki, N.; *Fuel*, **108**, 430-438 (2013)
- 3) Bergman, T. K.; Lavine, A. S.; Incropera, F. P.; Dewitt, D. P., *Fundamentals of Heat and Mass Transfer*, 7ed, John Wiley & Sons, 2011
- 4) Japan Institute of Energy Ed., *Biomass Handbook*, 2ed, Ohmsha, 2009
- 5) Hasegawa, I, in *Biomass Process Handbook*, Society of Chemical Engineers Japan, Japan Institute of Energy, Eds., Ohm-sha, 2012, pp. 164-167
- 6) Aida, T.; Fujiwara, S.; Shinkai, T., *Prep. Joint 20th AIRPT - 43rd EHPRG Conf. on Science and Technology of High Pressure*, T13-O138, Jun. 26-Jul. 1, 2005, Karlsruhe, Germany
- 7) Sakanishi, K., Watanabe, Y., Mae, K., Yamamoto, K., *Prep. 8th Conference on Biomass Science*, O-601, Jan. 9-10, 2013, Higashi-Hiroshima, Japan
- 8) Ministry of Economy, Trade, and Industry, <http://www.enecho.meti.go.jp/topics/hakusho/2012energyhtml/2-1-3.html> (Last access: 2013.5.3)

8. Volume of manuscripts

The volume of the manuscript should be as follows.

One page corresponds to 800 words, and space for figures and tables are included.

- (1) Review 6 pages or less
- (2) Original Paper 6 pages or less
- (3) Technical Paper 6 pages or less
- (4) Short Paper 4 pages or less
- (5) Technical Report 6 pages or less

(Procedure for submission and publication)

Article 3 Preparation of the manuscript should follow the indication below.

- (1) Manuscript should be submitted by e-mail. When paper submission is made for special reasons, 3 copies should be submitted while the original should be kept by the authors.

- (2) Manuscript should be prepared by a word processor software. Manuscript should be prepared on A4 papers with Century of Times font of 10.5 or 11 points, 30 lines per page.

- (3) When special treatment is needed, contact the editorial office in advance.

2. Submission should be made as following.

- (1) The manuscript should be e-mailed to the editorial office of the Journal of the Japan Institute of Energy.
- (2) The title of the mail should be "New submission to JJIE".
- (3) A PDF file which include title page, abstract, keywords, main text, reference, figures, and table. Check for errors before submission.
- (4) The file name should be in 20 letters or less. (ex: tmaeda070124.pdf)

- (5) The manuscript should be submitted to the following.

Mail to: **jie-journal@jie.or.jp**

If contact by physical mail is needed, use the following address.

Editorial Office, the Journal of the Japan Institute of Energy
16-9, 6-chome, Sotokanda, Chiyoda-ku, Tokyo 101-0021, Japan
TEL: 090-1202-9239

3. Receipt and review of the manuscript is made as follows.

- (1) The date of receipt is the date when the manuscript arrived at the Editorial Office. The receipt of the manuscript is notified to the corresponding author by email. If this mail is not delivered in 2 weeks, contact the Editorial Office of the Journal of Japan Institute of Energy.
- (2) When the PDF file cannot be properly read, re-submission is requested. If it does not work either, paper submission is requested.
- (3) The manuscript is reviewed by the reviewers selected by the Editorial Committee and the members of the Editorial Committee, for the possibility of publication. The result will be informed to the corresponding author.
- (4) The Editorial Committee may request revision or English check of the submitted manuscript. English check should be made under the authors' responsibility.
- (5) Submission of the revised manuscript should be made within 3 months after return of the

manuscript from the Editorial committee. If revised manuscript is not submitted by the due date, the manuscript may be considered to be withdrawn.

(6) In case of incomplete submission of the final manuscript, even accepted manuscript will not be published.

4. Publication is made as follows.

(1) The corresponding author should submit the manuscript and related electronic files following the indication of the Editorial Committee.

(2) Galley check is made once. The result of the check has to be sent to the Editorial Committee in 2 days. Only printing error can be corrected. If the result

of galley check is not sent in time, the final version is made only with the check by the Editorial Committee.

(3) Errata can be published upon corresponding author's request if it is the printing error. Errata on other errors requires approval of the Editorial Committee.

(Revision)

Article 4 Revision of this guide needs approval of the Editorial Committee and the General Committee.

Supplementary

The enforcement of this guide starts on July 1, 2017.