

INSTRUCTIONS FOR AUTHORS

1. PUBLICATION TYPES, QUALIFICATION FOR AUTHORSHIP

Five types of manuscripts are published in this journal: Editorials, Review Papers, Research Papers, Technical Papers, and Letters to the Editor.

Editorials:

Editorials are submitted by invitation only and will be on topics considered to be essential by the Editorial Board of the journal.

Review Papers:

Review papers will be published by direct submission as well as from invited experts. In both cases, the work will be subject to editorial review. Review papers should critically review topics not only to inform the reader of the background, but also to communicate the state of the art and outstanding research problems.

Research Papers:

Following a peer review, original findings within the scope of the journal will be published. Critical and new results of experiments or theories should be described in full-length research papers.

Technical Papers:

Articles in this category introduce scientific work on novel skills dealing with new methods and techniques.

Letters to the Editor:

Any issues of interests to the journal readership may be contained in letters to the editor. Letters concerning articles published earlier will generally be sent to the author of the previous research for possible response before publication.

2. RESEARCH AND PUBLICATION ETHICS

Research published in JASS must follow institutional, national, and international guidelines. For the policies on the research and publication ethics that are not stated in this instructions, international standards for editors and authors (<http://publicationethics.org/node/11184>) can be applied.

Criteria for Authorship

Authorship should be based on the following four criteria:

- Substantial contributions to the conception or design of the work; or the acquisition, analysis, or interpretation of data for the work; AND
- Drafting the work or revising it critically for important intellectual content; AND
- Final approval of the version to be published; AND
- Agreement to be accountable for all aspects of the work in ensuring that questions related to the accuracy or integrity of any part of the work are appropriately investigated and resolved.

All those designated as authors should meet all four criteria for authorship, and all who meet the four criteria should be identified as authors. Those who do not meet all four criteria should be taken account of acknowledgement. Thus, the Korean Space Science Society deems all authors responsible for the entire paper.

Originality and Duplicate Publication

All submitted manuscripts should be original and should not be submitted to other scientific journals for consideration while under JASS review. No part of an accepted manuscript should be duplicated in other scientific journals without the permission of the Editorial Board. If duplicate publication related to papers in this journal is detected, the names of the authors will be announced in this journal, the authors' institutes will be informed, and the authors will be subject to restrictions on future publications in JASS. CrossCheck is a multi-publisher initiative to screen published and submitted content for originality. JASS uses iThenticate software to detect instances of overlapping and reproduced text in submitted manuscripts. Detailed information about CrossCheck can be found at <https://www.crossref.org>.

Conflict of Interest Statement

Authors should disclose any conflicts of interest in their manuscripts.

3. PEER REVIEW PROCESS

Once manuscripts are submitted, they will be reviewed by two or more experts in the corresponding field. The Editorial Board may request that authors revise the manuscripts in light of the reviewers' suggestions. The authors should upload the revised files with a reply to each item in the reviewers' comments after revision of the manuscript. The authors should complete the revisions within 60 days of request. If the authors want to extend the revision period to more than 60 days, they should contact the Editorial Board. The manuscript review process should be completed after the second review. If the authors wish to engage in further revision, the Editorial Board may consider it. The Editorial Board will make a final decision on the approval for publication of submitted manuscripts and can request further corrections of the article text if necessary. Review and publication processes that are not described in the Instructions for Authors will be incorporated from the Editorial Policy Statements, approved by the Council of Science Editors Board of Directors (<https://www.councilscienceeditors.org/resource-library/editorial-policies/white-paper-on-publication-ethics/2-3-reviewer-roles-and-responsibilities/>).

4. COPYRIGHTS

The Korean Space Science Society requires a corresponding author to sign a copyright transfer agreement on behalf of all the authors in order to maintain and protect the ownership and the rights of the Society, as well as to protect the original authors from misappropriation of their work. If this agreement is not assented to, the Korean Space Science Society will not publish the manuscript. This agreement is sent with the proofs to the corresponding author.

5. PUBLICATION FEE

The primary publication fee is ₩450,000 (US \$450) and ₩20,000 (US \$20) is charged per page.

6. SUBMISSION OF MANUSCRIPT

Authors must submit manuscript files to the Editorial Office of the Korean Space Science Society using the online submission system of the Journal at <http://janss.kr>. We do not accept direct email submission to the Editor-in-Chief or Editors. Incomplete manuscripts will be returned to the author without review. Manuscripts submitted to the journal must represent reports of original research and must be written in English. Manuscripts are accepted for review under the condition that important parts of the study have not been published and are not being considered for publication. Also, no submission can be published without approval of the institution and all the authors. The usual prerequisites for publication will be originality, clarity, and significance as relevant to a better understanding of space science and technology.

7. MANUSCRIPT PREPARATION

Word Processors and Format of Manuscript:

Manuscripts should be submitted in the file format of Microsoft Word 2007 or a later version. Manuscripts should be double-spaced, using a font size of 11. Pages should be numbered consecutively, beginning with the title page. Page numbers should be placed at the middle of the bottom of each page. There is no fixed maximum length for full-length papers, but they rarely exceed 30 double-spaced, typewritten pages on 210×297 mm (A4 size) paper, including figures and tables.

Research and Technical Papers

The manuscript for a research or technical paper should be organized in the following sequence: title page, abstract and keywords, introduction, methods, results, conclusion, acknowledgments, references, tables, and figure captions.

Title page:

The title page should include the full title of the article, authors' names, affiliations, footnotes, and a short title. The title should emphasize the principal objectives covered by the paper. Authors' names should be consistent and preferably be written in a standard form for all publications to facilitate indexing and to avoid ambiguity. If some of the authors have different affiliations, use superscript numbers (1, 2, 3...) after the surnames of authors and before the names of their affiliations. Use a dagger (†) after the name of one designated corresponding author. The contact information for correspondence should include the mailing address, e-mail address, telephone number, and the ORCID. And we also require ORCID information for every author.

Abstract & Keywords:

The abstract should state the objectives and present salient conclusions in no more than 300 words. This should be a clear, concise summary describing the scope and purpose, methods or procedures, significant new results, and conclusions. The abstract should be written as one paragraph. At the end of the abstract, the keywords should be given in 3 to 6 words or phrases.

Introduction:

The paper should begin with an introduction that is written for the general reader of the journal as well as for the specialist. This section should include the background and objectives, together with significant prior works.

Methods:

The methods section should include sufficient information to allow the results to be repeated. Refer to published procedures by citing both the original description and pertinent published modifications. Do not include extensive details unless they present a substantial modification. For commonly used methods, a simple reference is sufficient. If several alternative methodologies are employed, it is useful to identify the methods briefly as well as to cite the references.

Results:

The results should be described in logical order using text, tables, and illustrations, to make clear the protocol of the study. Where appropriate, tests should be described and supported by a reference to the original citation of the test.

Conclusions:

The conclusions section should highlight key findings and compare the results of the work to appropriate findings of other studies. The conclusions should be based on the evidence presented in the paper.

Acknowledgments:

The acknowledgments section is placed at the end of body. It can cite financial and any other support.

References:

References must be obviously related to the manuscript. In the text, references should be cited with the author's surname and year of publication. When reference is made to a work by two authors, both names should be given using "&" (e.g., Kim & Lee

1996); for three or more author names, give the first author followed by “et al.” and the year (e.g., Park et al. 2010). Multiple references must be arranged in chronological order (e.g., Sohn 1982; Choi & Kang 1991; Ahn et al. 2003). If more than two papers with the same authors and publication years are cited, list a, b, c... after the year to clarify (e.g., Jung & Han 2011a, b). Only cite articles or books already published or in press, not unpublished work “in preparation.” In the references section, the references should be listed in alphabetical order by letter of the first author’s surname. List the first five authors followed by “et al.” if there are more than five authors. If more than two papers with the same authors and publication years are cited, list a, b, c... after the year in publication order. Abstracts of conferences should not be included in the references. Lines after the first line of a reference are indented by one tab space (“hanging indent” in MS Word). The style for citing papers in periodicals is surname and initials of authors, title, journal name, volume, first and last page numbers, year, and digital object identifier (DOI) if available. The styles to be used for references are as follows:

Journal articles:

1. Takahashi K, McPherron RL, Hughes WJ, Multispacecraft observations of the harmonic structure of Pc3-4 magnetic pulsations, *J. Geophys. Res.* 89, 6758-6774 (1984). <https://doi.org/10.1029/JA089iA08p06758>
2. Hwang KJ, Kuznetsova MM, Sahraoui F, Goldstein ML, Lee E, et al., Kelvin-Helmholtz waves under southward interplanetary magnetic field, *J. Geophys. Res.* 116, A08210 (2011). <https://doi.org/10.1029/2011JA016596>

Book, Book in series:

3. Kelley MC, *The Earth's Ionosphere* (Academic Press, San Diego, 1989).

Articles from book, conference or symposium proceedings:

4. Holmberg E, Magnitudes, colors, surface brightness, intensity distributions, absolute luminosities, and diameters of galaxies, in stars and stellar systems, vol. 9, *Galaxies and the Universe*, eds. Sandage A, Sandage M, Kristian J (Univ. Chicago Press, Chicago, 1975), 123-157.
5. Capitaine N, Gambis D, McCarthy DD, Petit G, Pay J, et al., Proceedings of the IERS Workshop on the Implementation of the New IAU Resolutions, Observatoire de Paris, Paris, France, 18-19 Apr 2002.
6. Kim K, Hwang J, Sung S, Geosynchronous magnetic field variations associated with the passage of interplanetary shocks or solar wind discontinuities, in 2007 AGU Fall Meeting, San Francisco, CA, 10-14 Dec 2007.

Technical report:

7. Mazanek DD, Roithmayr CM, Antol J, Park SY, Koons RH, et al., Comet/asteroid protection system (CAPS): preliminary space-based system concept and study results, NASA Langley Research Center Technical Report, NASA/TM-2005-213758 (2005).

Dissertation:

8. Park SY, Optimization and guidance of ascent trajectories with inequality constraints, PhD Dissertation, Texas A&M University (1996).

Website:

9. National Radio Astronomy Observatory, Very long baseline array (2009) [Internet], viewed 2011 Feb 20, available from: <https://www.vlba.nrao.edu>

Tables:

Each table should be prepared on a separate page and numbered with an Arabic numeral in the order of its appearance in the text. When it is difficult to present data that cannot be synthesized conveniently in the text, tables should be used. Authors should avoid extensively repeating in the text data that appear in tables. Abbreviated names should be defined when they are used for the first time in each table. Tables should have a concise and informative title with the table content between horizontal lines. Vertical lines should not be used. The structure should be clear, with simple column headings giving all units. A table should not exceed one page when printed. Use lower case letters in superscripts (a, b, c...) for special remarks. Unaltered

computer output and notation are generally unacceptable.

Figures:

Each figure or figure plate must have a caption written in one paragraph. For figure plates, a summary statement should precede the specific explanation of each figure. Abbreviated names are not allowed when they are used for the first time in each figure. The explanatory caption of each illustration should be understandable without reference to the text. Number figures in order of citation. Authors should place the figure number in the lower-left corner of each figure, and the numbering order must be from left to right, and from top to bottom. Citations of figures in the text or parentheses are abbreviated, e.g., Fig. 1, Figs. 1 and 2, Figs. 1-3, (Fig. 1), (Figs. 1 and 2), (Figs. 1-3). When the text refers to both figures and tables, they may be mentioned in parentheses, e.g., (Table 1; Fig. 2) and (Tables 1-3; Figs. 4-6). Line drawings should be prepared in high quality using India ink on tracing paper. Computer-generated graphics must be produced with high tones and resolution. Photographs must be of sufficient contrast to withstand the inevitable loss of contrast and detail during the printing process. Authors should double check whether the text withstands reduction and remains legible if a figure or a figure plate is reduced. Electron and light microscopic figures must be original or scanned copies from the original.

Review papers

Review papers may be solicited or submitted. A comprehensive presentation of a topic should discuss previously published material. Topics of scientific consensus as well as topics that remain controversial may be dealt with in reviews. A review is organized as follows: title page including abstract and keywords, introduction, body text, conclusions or summary, acknowledgments, and references. Text that exceeds 5,000 words, excluding references, will not be accepted.

Letters to the editor

Brief constructive comments about previously published articles and interesting new ideas should be submitted as Letters to the Editor. The body text should not exceed 1,000 words and should include references. The Editorial Board may edit the Letters. In the case of comments on previously published articles, Letters to the Editor should be submitted no more than three months after the original paper has been published. The Editorial Board may contact the authors for a response to the Letters.

General points on text style**Verb tense:**

Generally, authors should use the past tense or present perfect tense to delineate specific events in the past, including the procedures, observations, and data of the study that authors are reporting. Use the present tense for the authors' own general conclusions, firm conclusions of previous researchers, and generally accepted facts and phenomena. The Abstract, Methods, and Results should generally be in the past tense or present perfect tense, whereas most of the Introduction and some of the Conclusions can be in the present tense. However, the tense may be different in a single sentence.

Units:

If authors describe length, height, weight, and volume, they should use standard metric units. Temperature should be given in degrees Celsius. All other units should follow the International System of Units (SI). All units must be preceded by a space.

Numbers:

Except when beginning a sentence in the text, numbers should be Arabic numerals. Authors should use commas if numbers are greater than 999, e.g., 1,984,826. The 24-hour system is used to indicate time, e.g., 20:00 hr.

Abbreviations:

Abbreviations must be used as an aid to the reader, rather than as a convenience of the author, and therefore their use should be limited. Generally, avoid abbreviations that are used less than three times in the text, including tables and figure legends. Standard SI abbreviations and units in astronomy are recommended. Other common abbreviations are as follows (the same abbreviations are used for plural forms): hr (hour), sec (second), min (minute), day (not abbreviated), yr (year), and g (gravity).

AUTHOR'S CHECKLIST

- Manuscript in a format of MS-Word 2013 or later.
- Sequence of title page, abstract & keywords, introduction, methods, results, conclusions, acknowledgments, and references.
- Title page with article title, author's FULL NAME(s) and affiliation(s).
- Contact information of the corresponding author's E-mail address, Office Phone number, ORCID, and heading title, with all authors' ORCID.
- Abstract up to 300 words and keywords up to 6 words or phrases.
- All table and figure numbers are found in the text.
- All tables and figures are numbered in Arabic numeral in the order of its appearance in the text.
- No vertical lines in Tables.
- Figure citations in the text are in an abbreviated format (Fig. 1, Figs. 1-3; ~~Figure 1~~).
- Computer generated figures must be produced with high tones and resolution.
- All references listed in the reference section should follow the reference citing rule and the valid reference format specified in INSTRUCTIONS FOR AUTHORS in JASS.
- The vaild certificate of English Editing is attached.
If the author is a native speaker, he/she can issue a certificate proving that he/she is a native speaker and the manuscript is edited thoroughly after accepted.

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DECLARATION OF ETHICAL CONDUCT

(* Verify the following items and mark with a ✓ sign.)

- I/we abide by the RESEARCH AND PUBLICATION ETHICS of the JASS Guidelines in submitting this manuscript.
- The author(s) has a specific and important contribution, and is officially responsible for the content of the article.
- This manuscript has not been published before and will not be submitted for publication elsewhere until a decision has been made on its acceptability for publication.
- The author(s) conducted all research activities (e.g., data collection, writing reports, and presenting results) in an honest and sincere way, described the research content and its importance in an objective and specific way, and did not change, omit, or add to the results.

CONFLICT OF INTEREST

(* If there is no conflict of interest, enter "none") _____

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