

Instruction for Authors

● Aims and Scope (Print Edition ISSN: 2466-2232/ Web Edition ISSN: 2466-2100)

Journal of Welding and Joining (JWJ) is an open access, peer reviewed and refereed international journal published in electronic form as well as print form. The journal is dedicated to the full range of scientific and technological issues associated with welding and joining of materials. The research work published will be oriented more towards both academic and practical applications in manufacturing. The journal covers all aspects of materials joining including welding, brazing, soldering, cutting, thermal spraying and hybrid joining and fabrication techniques. The detail scopes of JWJ journal include, but are not limited to, the following topics:

- Residual Stress/Distortion/Modeling
- Welding Strength/Integrity Assessment
- Arc Physics/Visual/ Simulation
- Sensing and Monitoring/Welding Processes/Welding automation
- Laser / Electron Beam Welding & Processing
- Friction Stir Welding/Process
- Electrical Resistance Welding
- Electronic Packaging and Reliability
- Nano/Microjoining Process
- Diffusion Bonding, Brazing, TLP Bonding, Soldering
- Surface Modification
- Inspection / Evaluation / Education & Qualification

● About the journal

Journal of Welding and Joining is founded in 1983 and publishes issues bimonthly starting from February. The journal title has been changed three times, Journal of Korean Welding Society, *KWS*, from 1983 to 2006, Journal of Korean Welding and Joining Society, *KWJS*, from 2007 to 2012, and currently Journal of Welding and Joining, *JWJ*, from 2013 to present. Articles published in this journal are abstracted in Google Scholar, KCI (Korea Citation Index) and KSCI (Korea Science Citation Index). This work is supported by the Korean Federation of Science and Technology Societies(KOFST) Grant funded by the Korea Government

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Please, submit a separate cover letter with additional notes to Editor-in-Chief.

- **Step 6.** Preview

Review the information in the Preview chart for correctness; make changes if needed. If you have not completed the required steps, you will not be able to submit your manuscript.

- **Step 7.** Submit

Once it is submitted, you will be able to monitor the progress of your manuscript through the peer review process.

- **Manuscript preparation**

Manuscripts should be typed in double-spaced with adequate margins. All manuscript must use SI (metric) units in the text, figures, or tables. Manuscripts should be organized in the following order: title, name(s) of author(s) and his/her (their) complete affiliation(s) including zip code(s), Abstract (not exceeding 200 words), Introduction, Main body of paper, Acknowledgements, References, Appendices, Table & Figure Captions, Tables and Figures.

- **Title:** The title of the paper should be concise and definitive.
- **Author names and affiliations:** Author name should consist of first name (or initial), middle initial, and last name. The author affiliation should consist of the following, as applicable, in the order noted:
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Country name (only for countries other than the U.S.), Telephone, fax, and e-mail
- **Abstract:** An abstract (200 words maximum) should open the paper or brief. The purposes of the abstract are:
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 2. To provide key words and phrases for indexing, abstracting, and retrieval purposes.
- **Equations:** All mathematical equations should be clearly printed/typed using well accepted explanation. Superscripts and subscripts should be typed clearly above or below the base line. Equation numbers should be given in Arabic numerals enclosed in parentheses on the right-hand margin. They should be cited in the text as, for example, Eq. (1), or Eqs. (1)-(3).
- **Tables:** All tables should be numbered consecutively and have a caption consisting of a table number and a brief title. This number should be used when referring to the table in text. Table references should be included within the text in numerical order according to their order of appearance. Tables should be inserted as part of the text as close as possible to its first reference — with the exception of those tables included at the end of the paper as an appendix. A separate list of table numbers and their respective captions should be included at the end of the paper (for production purposes only).
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- **Reference:** Within the text, references should be cited in numerical order according to their order of appearance. The numbered reference citation within text should be indicated with half-parenthesis in superscripts.

Example: It was shown by Moon¹⁾ that the fracture toughness decreases under these conditions.

In the case of two citations, the numbers should be separated by a comma ^{1,2)}. In the case of more than two references, the numbers should be separated by a dash ^{3,4,5-7)}. All references should be listed at the end of the manuscripts, arranged in order. Reference to journal articles and papers in serial publications should include:

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- Used language

The exemplary form of listed references is as follows:

- (1) A. A. Golden berg and A. Bazerghi, Preview approach to force control of robot manipulators, *J. Appl. Mech.* 20 (5) (1985), 449-464
- (2) Je-Hyoung Cho, Myung-Hyun Kimm and Jun-Woong Choi, FSW Properties of Aluminium Alloy 5000/6000 for Small Boat, *J. Welding and Joining*, 32(1) (2014), 34-39 (in Korean)
- (3) Young Kim and Ki Young Park, Micro TIG Welding Characteristics of Stainless Steel Bellows, *Journal of KWJS*, 31(2) (2012), 115-119 (in Korean) * Journals published until 2013
- (4) Y. Miyazaki, S. Furusako and M. Ohara, Porosity Formation in CO₂ Laser Welding of Steel Sheets, *Quarterly Journal of Japan Welding Society*, 19(2) (2001), 241-251 (in Japanese)

References, including those pending publications in well-known journals or pertaining to private communications, not readily available to referees and readers will not be acceptable if the understanding of any part of the submitted paper is dependent upon them. In the text the reference should be numbered in bracket in ascending order, e.g. ^{1),2)}, etc. Single or two authors can be referred in the text; three or more authors should be shortened to the last name of the first author, like Smith et al.

● Publication type

- **Review paper** : Review articles undergo full peer review. A Review Article organizes, clarifies, and summarizes existing major works in science and engineering and provides comprehensive citations to a full spectrum of relevant literatures.
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● Peer review process

Submitted manuscripts will be sent to peer reviewers, unless they are either out of scope or below the quality threshold for the journal, or the presentation or written English is of an unacceptably low standard. A manuscript that meets this standard is sent to anonymous reviewers for peer review. Once the editorial office receives complete reviews, the associate editor and editor makes a decision and the corresponding author is informed of the editorial decision by e-mail. The editor selects referees results of the review will be classified as follows;

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Manuscripts reviewed that require revision should be revised and uploaded with a response to the reviewers' comment at JWJ editorial manager within two months. Otherwise, the manuscript will be

considered as a new manuscript when and if it is resubmitted.

And disputes or ethical issues raised during or after the publication should follow the guidelines found at <http://publicationethics.org/resources/international-standards-for-editors-and-authors>

● **Research and publication ethics**

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● **Address to submit and Contact information inquiry**

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- Abstracts should not exceed 200 words.
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- Minimum required resolution for publication (600dpi).

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