

Archives of Metallurgy and Materials is a quarterly of Polish Academy of Sciences and Institute of Metallurgy and Materials Science of the Polish Academy of Sciences, which publishes original scientific papers and reviews in the fields of metallurgy and materials science. Papers with focus on synthesis, processing and properties of metal materials, including thermodynamic and physical properties, phase relations, and their relation to microstructure of materials are of particular interest.

Submissions to Archives of Metallurgy and Materials should clearly present aspects of novelty of findings, originality of approach etc. If modeling is presented it should be logically connected to experimental evidence. Submissions which just report the results without in depth analysis and discussion will not be published.

Submission of a manuscript implies that it has not been published previously, that it is not under consideration for publication elsewhere, and that if accepted it will not be published elsewhere in the same form.

Authors of review type manuscripts are requested to send such manuscripts to Editor-in-Chief for preliminary evaluation. Only manuscripts approved by the Editor-in-Chief can be submitted to the journal for further processing. This does not guarantee acceptance for publication since all manuscripts are subject to regular review procedure.

When preparing the manuscript, please pay attention to the following rules:

1. Manuscript submission

- 1.1. Manuscripts to be considered for publication should be submitted to the Editorial Office via www.editorialsystem.com/amm/. Authors should designate corresponding author, whose responsibility is to represent the Authors in contacts with the Editorial Office. The corresponding author receives an e-mail notification confirming the submission of the manuscript to the Editorial Office and is informed about the progress of the review process.
- 1.2. Manuscript should not exceed 15 pages of full-size paper (A4), must be double spaced (please use 12 point font), with generous margins, and the pages must be numbered. Authors should submit an electronic file of their manuscript in Microsoft Word (minimum : version 2000)
- 1.3. All manuscripts must be written in good English. Both British and U.S. English are acceptable but Authors should be consistent in their usage. It is sole responsibility of the Authors to make sure that the manuscript is grammatically correct and spell checked. Authors are strongly encouraged to have the manuscript proofread by a native speaker of English or a language professional, before it is submitted to the editorial office. Papers written in poor English will be automatically rejected without being subjected to review.
- 1.4. Authors should submit an electronic copy of final version of their paper in Microsoft Word Format, schemes (sketches) and figures saved as .eps, .jpeg, or .tiff.
- 1.5. Articles submitted for publication should include abstract and maximum 5 keywords.
- 1.6. Please adhere to the following order of presentation:

Author(s) with first names in full.

Affiliation(s): in a short form (Institution, City, Country). Use the superscripts (*, **, . . .) after the Authors' names in case of different affiliations.

Title: All words in lower case (first letter of first word capitalized).

Abstract: maximum 10 lines, including primary objective, research design, methods and procedures, main outcomes and results. Do not use abbreviations in the abstract.

Keywords: 5 maximum.

Main text: Begin on the second page with Introduction, followed by Experimental (Materials and Methods) and/or Theory section, Results, Discussion, and end with Conclusion section and Acknowledgement. When appropriate the Authors may choose to combine Results section and

Discussion section into one Results and discussion section. Make sure the text in sections is divided logically into paragraphs.

Use the decimal system for sections, subsections and (at the most) sub-subsections, as exemplified in the headings of these instructions.

All abbreviations should be spelled out the first time they are introduced in text or references. Thereafter the abbreviation can be used.

Appendices

References

Correspondence address: title, name, postal address, telephone and e-mail address of the corresponding Author.

Figure captions

Tables

2. Manuscript preparation

2.1. Formulae, equations and units

Formulae and equations should be typed on separate lines and numbered consecutively in parentheses on the right side (1) . . . (n). Vectors must be indicated as such. Size of symbols should be kept uniform for all equations in the manuscript. Formulae and equations should be referred to in the text as follows:

Eq. (1).

Numbers and units must be separated by a space, e.g. 5.5 wt.%, 273.15 K, 1013 MPa, etc. The only exception are angle degrees, e.g. 90°.

2.2. Figures

Figures are usually printed in reduced size (fitting column width of 85 mm) and this should be taken into account when preparing them. For the best results, make sure that lettering on figures and micrographs is at least 2 mm high after reduction, and the style of labeling must be uniform for all figures. Each figure should have its own caption explaining the content without reference to the text. Figure captions should be typed on a separate page at the end of manuscript. The appropriate place of in the text should be indicated by <Fig. 3 > written in separate line. Figures should be referred to in text as follows: Fig. 1. The magnification must be indicated by a labeled scale marker on the micrograph itself, not drawn below it. For optimum printing quality micrographs should be saved as .eps or .tiff at a resolution of at least 300 dpi while line drawings at a resolution of at least 600 dpi.

2.3. Tables

Tables together with captions should be typed on separate page at the end of manuscript. Tables are to be numbered consecutively using Arabic numbers in the text (TABLE 1 . . . n). A caption must be placed above respective table and should explain the symbols used in the heading and in the left hand column. Tables should be referred to in the text as follows: TABLE 1.

2.4. References

References should be typed on separate pages and numbered consecutively applying the system accepted by the Quarterly (initials and names all authors, journal title [abbreviated according to the Journal Title Abbreviations of Web of Science: <http://library.caltech.edu/reference/abbreviations/> or book title; journal volume or book publisher; page spread; publication year in bracket). Use of DOI is strongly encouraged.

Samples:

Journals:

- [1] L.B. Magalas, Arch. Metall. Mater. **60** (3), 2069-2076 (2015).
[2] E. Pagounis, M.J. Szczerba, R. Chulist, M. Laufenberg, Appl. Phys. Lett. **107**, 152407 (2015).
[3] H. Etschmaier, H. Torwesten, H. Eder, P. Hadley, J. Mater. Eng. Perform. (2012), DOI: 10.1007/s11665-011-0090-2 (in press).

Books:

- [4] K.U. Kainer (Ed.), Metal Matrix Composites, Wiley-VCH, Weinheim (2006).
[5] K. Szacilowski, Infochemistry: Information Processing at the Nanoscale, Wiley (2012).
[6] L. Reimer, H. Kohl, Transmission Electron Microscopy: Physics of Image Formation, Springer, New York (2008).

Proceedings or chapter in books with editor(s):

- [7] R. Major, P. Lacki, R. Kustosz, J. M. Lackner, Modelling of nanoindentation to simulate thin layer behavior, in: K. J. Kurzydłowski, B. Major, P. Zięba (Eds.), Foundation of Materials Design 2006, Research Signpost (2006).

Internet resource:

- [8] <https://www.nist.gov/programs-projects/crystallographic-databases>, accessed: 17.04.2017

Academic thesis (PhD, MSc):

- [9] T. Mitra, PhD thesis, Modeling of Burden Distribution in the Blast Furnace, Abo Akademi University, Turku/Abo, Finland (2016).

3. Fees

No honorarium will be paid. The journal does not have article processing charges (APCs) nor article submission charges.

4. Review and proofread process

4.1. Peer review process

All submitted manuscripts undergo **review** by renowned specialists appointed by the Editor-in-Chief and members of the Editorial Board. Reviewers receive guidance to help them perform the review, and submit written opinion on the manuscript together with recommendation to accept as is, or reject, or accept after revision. In the latter case i.e. when revision is requested, the authors are obliged to respond to Editor and Reviewers' comments in detail and make revisions to the manuscript. A rebuttal to Reviewers' comments can also be sent via the Editorial System in writing.

Decision to reject the article is taken by the Editorial Board with the final decision belonging to the Editor, who may appoint another reviewer if necessary.

Reviewers remain anonymous to Authors and their identity cannot be revealed by the Editorial Office.

In a separate file, the authors are requested to suggest names and contact details (affiliations and valid e-mail addresses) of at least three experts who could serve as reviewers.

Brief explanation (2-3 sentence-long) why each person is suitable as a reviewer should also be provided. The suggested reviewers cannot be from the same country as affiliation of the corresponding author. The decision to appoint a reviewer belongs solely to the editor.

4.2. Revised manuscript submission

When revision of a manuscript is requested, Authors should return the revised version of their manuscript as soon as possible. Prompt action may ensure fast publication if a paper is finally accepted for publication in Arch. Metall. Mater. If it is the first revision of an article Authors are requested to return their revised manuscript within 14 days.

If it is the second revision Authors are requested to return their revised manuscript within 7 days

4.3 Final proofreading

Authors will receive a pdf file with the edited version of their manuscript for final proofreading. This is the last opportunity to view an article before its publication on the journal web site. No changes or modifications can be introduced once it is published. Thus authors are requested to check their proof pages carefully against manuscript within 3 working days and prepare a separate document containing all changes that should be introduced. Authors are sometimes asked to provide additional comments and explanations in response to remarks and queries from the language or technical editors.

5. Original version

Starting from issue 1/ 2018, Volume 63, Archives of Metallurgy and Materials is published in electronic via www.journals.pan.pl. The printed version is printed only for designated libraries (legal basis: Regulation of the Minister of Culture and Art of March 6, 1997).

6. Prevent cases of plagiarism

Readers should be sure that the authors present the results of their work transparently, fair and honest, regardless of whether they are the direct authors, or used the help of a specialized entity (natural or legal person). To prevent cases of plagiarism, "ghostwriting" and "guest Authorship", the Editorial Office will require that the Authors disclosed the contribution of individual Authors in the creation of manuscript (with their affiliations and contributions, i.e. the information who is responsible for: research concept and design, collection and/or assembly of data, data analysis and interpretation, writing the manuscript). Funding sources (together with grant number) must also be revealed. The corresponding Author will bear the main responsibility for the manuscript. Detected cases will be exposed, including notifying the appropriate entities (institutions employing the Authors, scientific societies, associations of editors of scientific journals, etc.).

7. License type

Articles are printed in an open access and distributed under the terms of the Creative Commons Attribution-NonCommercial (CC BY-NC 4.0, <https://creativecommons.org/licenses/by-nc/4.0/>). This license allows authors to copy and redistribute the material in any medium or format, remix, transform, and build upon the material. Authors may not use the material for commercial purposes. However, this condition does not include dependent works (they may be covered by another license).

Submission of an article to the journal is unequivocal to expressing consent to the publication in both paper and electronic form.