

INFORMATION FOR AUTHORS

Scope

The journal *Tecnologia em Metalurgia, Materiais e Mineração* - TMM [Technology in Metallurgy, Materials and Mining] is directed to the scientific-technical communication and its goal is to spread the innovation and improvements in processes and best management practices in the metallurgy, materials and mining sectors.

Published quarterly by the *Associação Brasileira de Metalurgia, Materiais e Mineração* – ABM [Brazilian Association of Metallurgy, Materials and Mining], accepts papers in Portuguese, English and Spanish, in the following categories: Original papers, Review papers and Short Communications; has an online version available at <http://tecnologiamm.com.br/>.

There are no costs to the authors in the submission and publication processes.

Types of contribution

- Original paper: full unpublished paper describing a research, must not exceed ten (10) pages;
- Review paper: summary studies on a specific subject by introducing the author's own opinions concerning recent progress and future prospects to give a balanced assessment. Should not exceed 12 pages. Submission of review articles is possible by Editor's invitation;
- Short communications: an article on a new finding or an interesting aspect of an ongoing study that merits prompt preliminary publication in condensed form. Should be no longer than four (4) pages.

Editorial Policy

Authors are sole and fully responsible for the contents of manuscripts published. The authorship should be restricted to the ones that have participated from the paper development process.

The translation into another language for publication elsewhere should be authorized by the Editor-in-Chief; credits must be provided.

Copyright

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Conflict of Interest

All authors are requested to disclose any actual or potential conflict of interest including any financial, personal or other relationship with other people or organizations within three years of beginning the submitted work that could inappropriately influence, or be perceived to influence the work.

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Papers Evaluation

The Editor-in-chief or one of the Area Executive Editors defines who will be responsible for the paper. The indicated editor sends the paper to two *ad hoc* reviewers that should evaluate it taking into consideration: scope, subject relevance, originality, presentation of results, objectives, conclusion etc. The process is automated confidential - authors do not know who are the reviewers responsible for the evaluation and vice-versa (double-blind system). Authors are required to suggest two potential reviewers for their work, which may be used at the discretion of the Editors. Ensure that the e-mail addresses given for reviewers are correct.

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The proofs of the approved papers will be sent to authors for checking, and possible corrections but, at this stage, content corrections and/or language are not allowed. Proofs with no response from the authors, will have its publication suspended.

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The submission to Tecnologia em Metalurgia, Materiais e Mineração is online, and must be done through the journal's website (<http://tecnologiamm.com.br>) or directly through the link: <http://tmm.submitcentral.com.br/login.php>.

Manuscript preparation

Papers for publication should be sent in **two archives** in **Word format** (.doc), A4 size, with 2.5 cm margins, simple spacing between lines and paragraphs. Text should be in a single-column, Arial 12. Original paper must not exceed ten **(10) pages**, 12 pages for Reviews and 4 (four) pages for the short communications, wherein titles, subtitles, figures, tables and equations should be separated for a single line.

- The **first archive** (title page) must contain: title, authorship, abstract, keywords and authors' information.

- The **second archive** (complete manuscript) must contain: complete paper, including the first page's information, but **without any author's identification (name and affiliation)**, acknowledgment and references.

1 Title

Should be concise, in bold, Arial 12, capital letters and centralized.

2 Authors

Insert, after the title at the right side, authors' complete names, in italic, Arial 10. Use superscript Arabic numbers, in ascending order. The numbers will be used to identify and give the authors' information.

At the bottom of the page, identify authors using the numbers adopted above, in italics, Arial 10. Indicate the author's graduation and degree, affiliation (Department/ Laboratory and Institution/ University), city, state, country and e-mail.

3 Abstract and keywords

Text should be below the word **Abstract** (bold, Arial 12), in 15 lines maximum, without paragraphs. It must contain the objective of the paper, methodology, results and conclusions.

Keywords: a maximum of four (4), which must be the terms used in bibliographic research. They should be separated by semicolon (;) and initiated with capital letter.

4 Text

The complete paper must be sent in the **second file** and must contain the following structure: Introduction, Methodology, Results, Discussion and Conclusion.

Sections and subsections should be clearly identified and numbered according to decimal system. A “1”, “1.1” and “1.1.1” system is recommended for this purpose:

The International System of Units (SI) should be used.

The **Introduction** should present the paper, its objectives and the review of literature.

In **Material and Methods** describe in detail the equipment and procedures used, which will allow the research to be reproduced by other researchers. Present the literature and describe the statistical methods and the corresponding literature, as the case demands.

The **Results** section should be presented in a concise and logically ordered way.

Be sparing in the use of tables and ensure that the data presented in them do not duplicate results described elsewhere in the article.

Tables and Figures:

- number them in Arabic numbers, consecutively, in the order of appearance in the text;
- title them in a concise and logical way, in Arial 10;
- cite them in the text, next to the place they should be located;
- their origin should be indicated in the references.

Tables:

- content should be in Arial 11;
- insert title **above** the table, preceded by the word ‘Table’ and it’s respective number (Arabic number, Arial 10);
- notes and legends should be right below them, in italic, Arial 9. Several notes should be separated with semicolon (;).

Figures (drawings, schemes, flowcharts, photographs, graphs etc.):

- insert title at the **lower part**, preceded by the word ‘Figure’ and it’s respective number (Arabic number, Arial 10);
- dispose the in a format that is readable in gray scale, for the printed edition.

Equations should be, sequentially numbered in parentheses, right-justified and cited in the text. Editing features should be used for equations.

Discussion is the main part of the paper. It must establish comparisons between the results obtained by the author with other authors.

In **Conclusion** new hypotheses may be shown when well justified; recommendations may be included. They must be accurate and clear and be based on the study's objects.

5 Acknowledgments

If needed, indicate the persons who collaborated in carrying out the research or who gave technical help, and the institutions or research agencies that funded the study or allowed the use of institutional infrastructure. They must precede the references.

6 References

They must be numbered, at the end of the article, in the order in which they appear in the text. Use the Vancouver style for indicating references, do not use bold, italic or underline. Please ensure that every reference cited in the text is also present in the reference list, and vice-versa.

Citations in the text are indicated by Arabic numbers in square brackets in line with the text. Ex.: "According to Oliveira [5]..."

Examples of proper format for references:

Articles

Author(s). Title of the article. Title of the journal. Year; volume(number): pages.

- Until six authors (list all)
Spindola O, Gonzalez BM, Santos DB. Physical model of deformation and work hardening of high manganese and low carbon twip steel. *Tecnol Metal Mater Miner*. 2010;6:252-6.
- More than six authors (list the first six followed by "et al.")
Murr LE, Martinez E, Hernandez J, Collins S, Amato KN, Gaytan SM *et al*. Microstructure and properties of 17-4 PH stainless steel fabricated by selective laser melting. *J Mater Res Technol*. 2012;1:161-166.

Articles from the internet

Author(s). Title of the article. Title of the journal [internet]. Year [access date using the expression. "cited"];volume(number):page. Available at: URL.

McCarthy F, Sahajwala v, Saha-Chaudhury N. Influence of ash on interfacial reactions between coke and liquid iron. *Metall. Mater. Trans [internet]*. 2003 [cited 2012 Ago 26];34:573-580. Available at: <http://link.springer.com/article/10.1007%2Fs11663-003-0026-9#page-1>

Books

- Until six authors, list all; and with more than six authors, list the first six followed by "et al."
Author(s). Book title. Edition (from 2nd). City: Editor; year.
Ashby M, Shercliff H, Cebon D. *Materials engineering, science, processing and design*. 2. ed. Oxford: Butterworth-Heinemann; 2010.
- Without author
Book title. Edition (from 2nd). City: Editor; year.
The Oxford dictionary of Computing. 5th ed. Oxford: Oxford University Press; 2003.

Chapter from a book

- Author's chapter is the same of the book:
Author(s). Book title. Edition (from 2nd). City: Editor; year. Chapter title; pages.
Ashby M, Shercliff H, Cebon D. Materials engineering, science, processing and design. 2. ed. Oxford: Elsevier; 2010. Stiffness and weight: density and elastic moduli; p. 47-79.
- Autoria diferente:
Chapter's author(s). Chapter title. In: Book author or editor. Book title. Edition (up to 2nd). City: Editor; year. Pages.
Canale LCF, Totten GE. Hardening of Steels. In: Lišć-č B, Tensi HM, Canale LCF. Quenching theory and technology. 2. ed. Boca Raton: CRC; 2010. p. 85-113.

E-Books

Author(s). Book title. Edition (from 2nd). City: Editor; year [access date using the expression "cited"]. Available at: URL.

United States Environmental Protection Agency. Climate change indicators in the United States. Washington: EPA; 2012 [cited 2012 Ago 3]. Available at: <http://www.epa.gov/climatechange/science/indicators/index.html>

Sites

Author(s). Site title. City: Editor; publication date at the site [date of the last update, using the expression "cited"]. Site address with the expression "Available at:"

Associação Brasileira de Metalurgia, Materiais e Mineração [internet page]. São Paulo: ABM; 2011 [cited 2013 Dec. 17]. Available at: <http://www.abmbrasil.com.br>.

CD-ROM e DVD

Author(s). Title [material type]. City: Editor; year.

Anderson SC, Poulsen KB. Anderson's electronic atlas of hematology [CD-ROM]. Philadelphia: Lippincott Williams & Willins; 2002.

Work presented at an event

Author(s). Title. In: Editor or Institution responsible for the event. "*Proceedings*" title of the event; event date; city, country. Publication city: Editor; year. Pages.

Morton J, Burzic D, Wimmer F. Application of dynagap soft reduction to high quality blooms and billets. In: Associação Brasileira de Metalurgia, Materiais e Mineração. Proceedings of the 44th Steelmaking Seminar – International; 2013 May 26-29; Araxá, Brazil. São Paulo: ABM; 2013. p. 182-189.

Dissertations, theses or academic works

Author. Title [degree]. City: Institution; year.

Oliveira E. Ethanol flushing of gasoline residuals: microscale and field scale experiments [thesis]. Waterloo: University of Waterloo; 1997.

Patente

Inventor name. Assignee name and indication(s). Title of the invention. Country and number. Date (register period).

Pagedas AC, inventor; Ancel Surgical R&D Inc., assignee. Flexible endoscopic grasping and cutting divide and positioning tool assembly. United States patent US 20020103498. 2002 Aug 1.