

Archives of Metallurgy and Materials is a quarterly journal of Polish Academy of Sciences and Institute of Metallurgy and Materials Science PAS, which has published continuously since 1954, scientific papers in English in the following fields: metallurgy and materials science, foundry, mechanical working of metals, thermal engineering in metallurgy, thermodynamic and physical properties of materials, phase equilibria in the broad context and diffusion.

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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) subsubsections, 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

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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°.

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[1] L.B. Magalas, Development of High-Resolution Mechanical Spectroscopy, HRMS: Status and Perspectives. HRMS Coupled with a Laser Dilatometer. *Arch. Metall. Mater.* **60** (3), 2069-2076 (2015). DOI: <https://doi.org/10.1515/AMM-2015-0350>

[2] E. Pagounis, M.J. Szczerba, R. Chulist, M. Laufenberg, Large Magnetic Field-Induced Work output in a NiMgGa Seven-Layered Modulated Martensite. *Appl. Phys. Lett.* **107**, 152407 (2015). DOI: <https://doi.org/10.1063/1.4933303>

[3] H. Etschmaier, H. Torwesten, H. Eder, P. Hadley, Suppression of Interdiffusion in Copper/Tin thin Films. *J. Mater. Eng. Perform.* (2012).

DOI: <https://doi.org/10.1007/s11665-011-0090-2>.

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 Akademia University, Turku/Abo, Finland (2016).

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