

Reviews on Advanced Materials and Technologies

INSTRUCTIONS FOR AUTHORS

(1) Submission of papers:

Manuscript should be submitted in English in electronic version as follows:

To: Rev.Adv.Mat.Tech@gmail.com, m.y.gutkin@gmail.com or ivan.archakov@gmail.com
(temporary addresses)

(2) General requirements to the manuscript:

File type: MSWord file.

Format: A4 page size with 1" margins (right, left, top, bottom),

Font: 1.5 line-spaced Times Roman 12 pt,

Length: Review Papers should be limited to 150 typewritten pages (including References and Tables) and forty (40) Figures each on separate page. Research Papers should be limited to 40 typewritten pages (including References and Tables) and ten (10) Figures each on separate page.

(3) Structure of the manuscript:

COVER SHEET

TEXT

REFERENCE LIST

FIGURES

TABLES

(3.1) COVER SHEET

Title,

Authors,

Affiliations,

Abstract

TITLE – bold, centered. (14 pt)

SUPERPLASTICITY IN NANOMATERIALS

Author(s) – please, indicate affiliation(s) by upper-case Arabic numerals and mark the corresponding author by *

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Abstract:

About 100-150 words. Please, try to avoid the use of abbreviations in the abstract.

(3.2) TEXT:

- Please, do not use any cross-links in the paper.
- Generally, subdivision of the paper into some Sections (Introduction, Methods, Results and Discussion, Conclusions) is desirable; however, authors can organize the text structure according to their tasks.
- Please, do not insert Figures and Tables in the text, they should be placed below the text Section, each Figure and Table at a separate page.
- References should be indicated in the text by consecutive numbers in square parentheses, e.g. [1,2,5-7], as a part of the text, e.g:

Similar experimental results were reported in [3,4,8-11], they agree with computations presented in [18,20, 27-29].

- Figures should be mentioned in the text as follows: Fig. 1, Figs. 3a and 4b, e.g.:

The reference Raman spectrum of the graphene is demonstrated in Fig. 2 (see [14]), the spectra obtained for Samples 2 and 3 are shown in Figs. 4a and 5a, respectively.

- Equations: Equations must be clearly printed and numbered sequentially with Arabic numerals enclosed with round parentheses at the right-hand margin. Please, separate the equations from the text by empty line, equations should be sequentially numbered, e.g.:

The obtained results can be described by a linear approximation

$$y = 1.23x + 3.11 \quad (1)$$

with the experimental error being less than 10%.

- Tables should be mentioned in the text as follows: Table 1, Tables 2 and 3, e.g.:

The reference data are summarized in Table 1, Tables 2 and 3 present of the experimental data on thermal conductivity and heat resistivity, respectively.

(3.3) REFERENCE LIST

Please, place the reference list below the TEXT section, references should contain the complete information on the source, if possible, please, add DOI indicators.

e.g.

Paper:

[1] A.G. Sheinerman and S.V. Bobylev, A Model of Enhanced Strain Rate Sensitivity in Nanocrystalline and Ultrafine-Grained Metals // Rev. Adv. Mater. Sci. **57(1)** (2018) 1-10; DOI: <https://doi.org/10.1515/rams-2018-0042>.

Book:

[2] J.P. Hirth and J. Lothe, Theory of Dislocations (Wiley, New York, 1982).

Chapter in a book:

[3] M. Vaseem, A. Umar and Y.-B. Hahn, ZnO Nanoparticles: Growth, Properties, and Applications // In: Metal oxide nanostructures and their applications, vol. 5, ed. by Ahmad Umar and Yoon-Bong Hahn (American Scientific Publishers, 2010), p. 1-36

Conference Proceedings:

[4] M.A. Grekov and A.B. Vakaeva, In: Proceedings of the 7th International Conference on Coupled Problems in Science and Engineering (COUPLED PROBLEMS 2017), ed. by M. Papadrakakis, E. Onate and B. Schrefler (International Center for Numerical Methods in Engineering, CIMNE, 2017), p. 963.

(3.4) FIGURES

Please, note that the better is the quality of the submitted figure, the better will be its final quality in the Journal. Figure captions should be like:

Fig. 2. – SEM images obtained for Sample 4: (a) initial Ni-Gr composite with 0.1 wt.% of Gr, (b) the same composite after HPT.

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Fig. 3. Development trends for planar SOFCs. Reprinted with permission from R. Riedel, Ceramics Science and Technology, Volume 4, Applications (John Wiley & Sons, 2013), (c) 2013 John Wiley & Sons.

(3.5) TABLES: type each table on the separate page, number consecutively in arabic numerals and supply a heading.