

Journal Scope

Journal of Ovonic Research (JOR) appears with six issues per year and is open to the reviews, papers, short communications and breaking news inserted as Short Notes, in the field of ovonic (mainly chalcogenide) materials for memories, smart materials based on ovonic materials (combinations of various elements including chalcogenides), materials with nano-structures based on various alloys, as well as semiconducting materials and alloys based on amorphous silicon, germanium, carbon in their various nanostructured forms, either simple or doped/alloyed with hydrogen, fluorine, chlorine and other elements of high interest for applications in electronics and optoelectronics. Papers on minerals with possible applications in electronics and optoelectronics are encouraged.

The name "ovonic" (mentioned in the British Encyclopedia) refers to chalcogenide materials developed by the great US scientist and technologist, S. R. Ovshinsky and its collaborators along many years of research, with output in outstanding applications.

Papers on the applications of nanomaterials in various devices will be published with priority.

In developing JOR as an Electronic Journal, we will make every effort to publish new research results in an expedient fashion taking a maximum of one and half month from the date of submission to make a decision.

Submissions will undergo a set review process. Submissions with a high impact in the technological field will be given a faster reviewing process.

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4. Are all co-authors aware of this submission?
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Signature

The authors must send their manuscripts electronically on the email addresses of Managing Editor of the Virtual Institute of Physics:

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The manuscript must be written in British English, as Word document (extension doc. or .rtf). Review papers are limited to 25 pages. Regular papers are limited to 12 pages. Short communications are limited to 6 pages and short breaking news notes are limited to 3 pages. Every manuscript must have an abstract with maximum 200 words. Figures and Tables are recommended to be introduced in the text with their legends.

The following structure of the paper is highly recommended:

1. Abstract,
2. Keywords,
3. Introduction,
4. Experimental (Theory, Modelling),
5. Results,
6. Discussion,
7. Conclusions,
8. References.

Please use the following style for references:

- [1] F. Auzel, O. L. Malta, *J. Physique* 44, 201 (1983).
- [2] N. F. Mott, E. A. Davis, *Electron Processes in Non-Crystalline Materials*, Clarendon Press, Oxford (1979).
- [3] A. M. Chinie, A. Stefan, S. Georgescu, O. Toma, E. Borca, M. Bercu, presented at the 6-th International Balkan Workshop on Applied Physics, July 5-7 -th, 2005, Constanta, Romania (to be published in *J. Optoelectron. Adv. Mater.* 8(1) 2006.

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