

Peer-review guide

The Russian scientific journal «Melts» is devoted to the problems of the high temperature physical chemistry and electrochemistry of metal, oxide and salt melts. It is intended for publication of results related to the theoretical and experimental research regarding structure, physicochemical properties, thermodynamics of melts, composition of melts boundaries with solid, liquid and gaseous phases, and processes which take place on these boundaries at production of ferrous, non-ferrous and rare metals; physical modeling and computer simulation of structure and properties of liquid and amorphous materials. The site is **jmelts.com**

Materials for publication should be sent to the Editors office (address: st.S.Kovalevskoy,18, Yekaterinburg, Russian Federation, 620022) or by e-mail journal_melts@mail.ru

All materials published in the Journal correspond to the basic criteria of high scientific quality of an investigation. The editorial board sends peer-review copies to the Ministry of Education and Science of Russian Federation upon receiving corresponding request. The following requirements are needed for publishing a manuscript in the Journal: interesting topic and novelty of investigation, originality of topic under study, and high scientific value of conclusions. All materials should not be published before and intended for simultaneous publication in other journals. The author guarantees that the given material will not be given for publishing in other scientific journals.

Peer-review of scientific manuscripts

All materials send to the “Melts” journal should be peer-reviewed. The peer-review process should be carried out, as a rule, by specialists (**not less than 3**) in the field of the research presented for publication and recommended by the members of the Journal’s editorial board using the **single blind peer review** (blind peer review is a method when the referee knows the name of the author, but the author does not). The final decision on publication (rejection) of the presented materials (articles, reviews) will be reached by the Editorial Board.

The referees should write full report on an article during 2 weeks. According to the peer review the Editorial Board should take an article for editing or reject it. In disputable situations an additional conclusion can be made by third experts.

The Editorial Board should inform author about the results of the peer review process by sending him the review text without the name of it’s author via e-mail, and than motivated editorial answer concerning the publication decision.

In case of rejection of a manuscript the Editorial Board should send author motivated rejection. The basic reasons for rejection can be: not enough and/or low

interest of topic; not enough and/or low degree of scientific novelty; not enough originality of topic and/or low scientific value of conclusions.

The Editorial Board should not discuss any advantages or disadvantages or any other correspondence related to the sent materials (both accepted or not accepted for publication). The sent materials should be sent to the editorial archive and cannot be returned back).

The manuscripts can be returned for revising according to the peer review results. The revised article should be given to the same referees. In disputable cases a new referee can be appointed in accordance with the Editorial Board's decision.