

Dear Colleague!

We are pleased to invite you to participate in the upcoming special issue of the journal *Condensed Matter and Interphases* on the topic "**Physicochemical analysis in materials science**". Manuscripts in the following and similar areas are accepted.

1. Development of physical and chemical analysis of substances;
2. Application of phase diagrams in the development of functional and structural materials;
3. Thermodynamic analysis and modeling of phase diagrams;
4. Thermodynamics of heterogeneous equilibria and functional materials;
5. Crystallization processes, mechanisms of formation, dissolution, defect formation and phase transformations of crystals.

Types of manuscripts:

a review of the author's long-term original research and scientific (literary) reviews, as well as original articles.

We hope that the proposed release will reflect new advances in the field of physicochemical analysis and thermodynamics, their applications in materials science, and make them accessible to researchers working in various fields of chemistry and condensed matter physics.

Potential authors are encouraged to submit an abstract to the journal for review. Once your abstract is approved, information from the journal will be sent to you. Accepted articles will undergo peer review and will be selected for publication in No. 4 of the journal in 2024.

The abstract submission deadline is April 30, 2024.

The manuscript submission deadline is June 30, 2024.

Best wishes,

Editor of the special issue Mahammad Babanly,

DSc in Chemistry, Professor, Associate Member of the Azerbaijan National Academy of Sciences