



Special Issue on Nanomaterials and Nanotechnology

Call for Papers

Nanomaterials and Nanotechnology is a cutting-edge interdisciplinary research field that focuses on substances and systems with at least one dimension confined to the 1–100 nm scale. It systematically investigates the unique physical, chemical, and biological properties of these nanoscale entities—properties that fundamentally differ from their bulk counterparts, arising from pronounced quantum confinement effects, drastically elevated specific surface area, and size-dependent interfacial reactivity. The goal of this special issue is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in the area of **Nanomaterials and Nanotechnology**.

In this special issue, we invite front-line researchers and authors to submit original research and review articles that explore **Nanomaterials and Nanotechnology**. In this special issue, potential topics include, but are not limited to:

- Controllable Synthesis and Precision Fabrication of Nanomaterials
- Multi-scale Characterization and Property Regulation of Nanomaterials
- Functional Nanomaterials for Energy and Catalysis
- Biomedical Nanomaterials and Nanomedicine
- Nanoelectronics and Nanophotonic Devices
- Environmental Nanotechnology
- Nanomechanics and Nanodevice System Integration
- Computational Nanomaterials and Artificial Intelligence-Assisted Design

Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).

Please kindly specify the “**Special Issue**” under your manuscript title. The research field “**Special Issue – Nanomaterials and Nanotechnology**” should be selected during your submission.

Special Issue timetable:

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Guest Editor:

For further questions or inquiries



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Please contact Editorial Assistant at
msa@scirp.org