

## Special Issue

# Novel Nanomaterial Anode for Energy Storage Devices: Materials, Fabrication, and Performance Enhancement

### Message from the Guest Editor

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Silicon-based nanomaterials (e.g., Si nanoparticles, Si nanowires, Si/C composites).
- Tin-based nanomaterials (e.g., SnO<sub>2</sub>, Sn/C composites).
- Transition metal oxide-based nanomaterials (e.g., MnO<sub>2</sub>, TiO<sub>2</sub>, Fe<sub>2</sub>O<sub>3</sub>).
- Carbon-based nanomaterials (e.g., graphene, carbon nanotubes, porous carbon).
- Hybrid and composite nanomaterials (e.g., silicon-graphene, tin-graphene).

We look forward to receiving your contributions.

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### Guest Editor

Dr. Xingxing Jiao

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### Deadline for manuscript submissions

5 September 2025



## Nanomaterials

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## About the Journal

### Message from the Editor-in-Chief

Nanoscience and nanotechnology are exciting fields of research and development, with wide applications to electronic, optical, and magnetic devices, biology, medicine, energy, and defense. At the heart of these fields are the synthesis, characterization, modeling, and applications of new materials with lower nanometer-scale dimensions, which we call “nanomaterials”. These materials can exhibit unusual mesoscopic properties and include nanoparticles, coatings and thin films, metal–organic frameworks, membranes, nano–alloys, quantum dots, self-assemblies, 2D materials such as graphene, and nanotubes. Our journal, *Nanomaterials*, has the goal of publishing the highest quality papers on all aspects of nanomaterial science to an interdisciplinary scientific audience. All of our articles are published with rigorous refereeing and open access.

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### Editor-in-Chief

Prof. Dr. Eugenia Valsami-Jones

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