

Special Issue

Application of Nanostructures in Electrochemical Energy Storage

Message from the Guest Editors

This Special Issue aims to present state-of-the-art advancements in the utilization of nanomaterials or nanostructures to enhance the performance of electrochemical energy storage systems, including lithium-ion batteries, sodium-ion batteries, lithium-sulfur batteries, metal-air batteries, supercapacitors, and others. In this Special Issue, original research articles and reviews are welcome and research areas may include, but are not limited to, the following:

- The synthesis, characterization, and performance of nanomaterials in electrochemical energy storage;
- Nanostructured electrodes for electrochemical energy storage;
- Nanostructured solid/gel electrolytes for electrochemical energy storage;
- Functionalized separators with a facile.

We look forward to receiving your contributions.

Guest Editors

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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. We are proud of our increasing impact factor and ability to provide rapid decisions to authors.

Editor-in-Chief

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