Special Issue

Nanocomposite Materials for Electrochemical Energy Storage and Electrocatalysis

Message from the Guest Editor

The fabrication of nanocomposite materials has recently attracted great attention from the global scientific community due to their unique surface architecture/characteristics, which lead to remarkable physical and chemical properties. Numerous applications of nanocomposite materials have been explored and reported in the fields of energy, water treatment, catalysis and medicinal chemistry, but electrochemical energy storage and electrocatalysis are the prime fields at present. This Special Issue, "Nanocomposite Materials for Electrochemical Energy Storage and Electrocatalysis", will endeavor the prospective advancement of nanocomposite materials related to fabrication/synthesis, characterization, and applications for electrochemical energy storage and electrocatalysis.

Guest Editor

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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.

Editor-in-Chief

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