

Special Issue

Advanced Nanocomposites for Energy Storage Applications

Message from the Guest Editor

The scope and potential of nanotechnology for energy storage applications are ever-unfolding. With the advancements in material science, researchers are able to engineer nanocomposites tailored for specific energy storage applications. Advanced nanocomposites offer promising properties, such as enhanced mechanical strength, high thermal and electrical conductivity, and improved durability. Such characteristics make them a viable and attractive option for energy storage technologies including batteries, supercapacitors, fuel cells, and other types of energy storage devices. This Special Issue aims to provide a platform for researchers to share their recent progresses and highlight the challenges and opportunities in the field of advanced nanocomposites for energy storage applications. Additionally, the Special Issue aims to foster new collaborations and encourage multidisciplinary approaches towards the development of advanced nanocomposites for efficient and sustainable energy storage.

Guest Editor

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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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