Special Issue

Exploration of Two-Dimensional Mixed Metal Oxide Nanocomposites for the Fabrication of High Energy Density Supercapacitors

Message from the Guest Editors

This open access Special Issue aims to compile original research, mini-reviews, research prospects, and comprehensive state-of-the-art studies on the latest advancements in supercapacitor technologies. The focus will be on novel synthetic approaches, innovative electrode materials, and unique device fabrication techniques for supercapacitor applications. The primary objective of this Special Issue is to present the most recent cutting-edge innovations in supercapacitor technologies and researchers are encouraged to submit their work related to the synthesis strategies and fabrication techniques of supercapacitors. **Topics covered:**

- Metal oxide/sulfide-based nanocomposites;
- Two-dimensional layered double hydroxide composites;
- Spinel perovskite nanocomposites;
- Polymer matrix nanocomposites;
- Carbon nanotube composites;
- Mixed metal oxide nanocomposites.

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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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