



Prospect and Current State-of-the-Art Progress in Composites for High-Performance Supercapacitors

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Message from the Guest Editors

This open access Special Issue will include original research, mini-reviews, research prospects, and complete state-of-the-art articles on the most recent advancements in supercapacitor technology. This Special Issue focuses on novel synthetic methodologies, electrode materials, and device manufacturing processes for supercapacitor applications. It also focuses on providing the most recent cutting-edge breakthroughs in supercapacitor technology. We welcome all researchers to contribute their work on supercapacitor synthesis methodologies and manufacturing techniques.

Topics include, but are not limited to:

- Electrode materials;
- The most recent 2D materials;
- Nanomaterials, including composite and hybrid;
- Electrochemical behavior of functional nanomaterials;
- Advanced synthetic methods;
- Binder-free electrodes for supercapacitors;
- Energy materials;
- Chalcogenides (including Se, S, and Te) for supercapacitors;
- Layered double hydroxide (LDH) for supercapacitors;
- Functional telluride-, nitride-, phosphide-, and sulfide-based nanomaterials; etc.

