

Special Issue

Novel Materials and Technologies for Supercapacitor Applications

Message from the Guest Editor

This Special Issue covers various topics related to novel materials and technologies for cutting-edge supercapacitors, including but not limited to the following:

- Microsupercapacitor;
- Synthesis techniques for electrode materials;
- Mesoporous materials
- Carbon nanomaterials;
- Laser-induced graphene;
- Pseudocapacitive materials;
- Flexible current collectors;
- Pyrolysis techniques for the fabrication of supercapacitor electrode;
- Direct writing fabrication of supercapacitor electrode;
- 3D printing technology for electrode fabrication;
- Fiber-type supercapacitor;
- Reliability evaluation of flexible supercapacitors;
- Supercapacitor integration with wearable electronics.

Guest Editor

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Deadline for manuscript submissions

closed (29 March 2023)



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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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