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## Advanced Materials for Supercapacitor Electrodes

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submissions:

**closed (1 September 2021)**

### Message from the Guest Editors

Dear Colleagues,

Supercapacitors (SCs) or ultracapacitors, which are known as electrochemical capacitors or electrochemical energy storage devices, are the most appealing energy storage devices owing to their use in a variety of applications such as portable electronic devices, backup power systems, and hybride vehicles. SCs are promising is due to their high power density and long cycle life. Despited the benefits of SCs in energy storage, they face the challenge of low energy density to match with the batteries.

SCs are considered as green energy alternatives, because they do not pose a threat to the environment and are generally significantly safer if environmentally benign materials are employed. This Special Issue on advanced materials for supercapacitor electrodes enables a great opportunity to uncover the potential of the different materials to be used as electrode materials for supercapacitors. Accordingly, we invite scientists, engineers, students, and enthusiasts in academia, research institutions, public or private funded laboratories, and industry to contribute their discoveries and challenges in supercapacitor electrode studies.



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# Special Issue



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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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