

Special Issue

Advanced Nanocomposites for Energy Conversion & Storage

Message from the Guest Editor

This Special Issue presents the recent advances in nanocomposites being used in most electrochemical devices to form sustainable energy conversion, storage, and utilization, including, but not limited to, the following,

- Advanced nanocomposites for batteries, supercapacitors, fuel cells and other energy conversion and energy storage systems,
- Battery-supercapacitor hybrids
- Advance micro- and nano-energy conversion and storage systems
- Nanocomposites recycling for energy streams
- Design, fabrication of energy storage devices and performance demonstration
- Advanced composite-derived smart materials on energy conversion & storage
- Synthesis/development of new energy materials /composites
- Structure and microstructural correlation of nanocomposites towards energy conversion, storage and transportation
- Study of nanocomposite surface/interface effects on energy conversion, storage, and transportation performance
- Study of electrical /electrochemical characteristics of nanocomposites and its structure property correlations

Although this Special Issue covers interdisciplinary research, the core focus of all submissions must remain within the field of energy.

Guest Editor

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Deadline for manuscript submissions

25 December 2026



Energies

an Open Access Journal
by MDPI

Impact Factor 3.9
CiteScore 8.3



mdpi.com/si/282834

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About the Journal

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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