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Porous Carbon Nanomaterials and Their Composites for Energy Storage

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Deadline for manuscript
submissions:

closed (20 February 2026)

Message from the Guest Editors

Dear Colleagues,

Carbon nanomaterials have been widely used in electrochemical energy storage devices (lithium-ion batteries and supercapacitors), especially porous carbon nanomaterials, due to their stable structure, wide source of raw materials, and rich variety. The specific surface area, pore size distribution, surface infiltration, microscopic morphology, and doping of atoms and composites with nanomaterials have large effects on the electrochemical properties of porous carbon nanomaterials. Therefore, it is urgent to seek novel high-performance porous carbon and its nanocomposites for electrochemical energy storage devices.

This Special Issue, titled "Porous Carbon Nanomaterials and Their Composites for Energy Storage", aims to explore the latest developments in porous carbon nanomaterials and their composites for electrochemical energy storage devices. The topics of interest include but are not limited to novel preparation techniques, carbon nanomaterials with advanced structure, high-performance porous carbon and its composites, and carbon-based electrode materials with special properties (compressible, stretchable, foldable, etc.).



mdpi.com/si/204387

Special Issue



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Message from the Editor-in-Chief

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