Special Issue

Supercapacitors with High Energy Density

Message from the Guest Editors

This Special Issue covers different types of manuscripts such as perspectives, reviews, and research papers in this field. The contents of the Special Issue will include the following topics:

- State-of-the-art supercapacitors, such as advanced electrode materials, device structure design, and performance optimization of
- Aqueous electrolytes with high ionic conductivity and their working mechanisms.
- Water in salt electrolytes or hybrid electrolytes with high voltage windows.
- Interfacial engineering of electrode materials, including design, control, observation, and demonstration.
- In situ and ex situ characterization techniques for electrochemical processes and structural evolution of electrodes/electrolytes in supercapacitors.
- New concepts and demonstration of new generation of supercapacitors

Guest Editors

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Deadline for manuscript submissions

closed (20 October 2022)

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Message from the Editor-in-Chief

Welcome to *Crystals*, the journal dedicated to the fascinating world of crystallographic research! Crystals are more than mere decorative elements; they hold the key to understanding the fundamental structure of matter. Our mission is to explore the crucial significance of this research across various fields. From medicine to technology, chemistry to geology, crystals play a vital role. Their structure provides insights into new advanced materials, innovative drugs, and groundbreaking technologies. Through *Crystals*, we delve into the microscopic world to discover solutions that will shape the future. Join us on a journey through the *Crystals*, where science merges with beauty and innovation.

Editor-in-Chief

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