

## Special Issue

# Mesoporous Materials for Electrochemical Energy Storage

### Message from the Guest Editors

In recent years, increasing environmental problems and energy challenges have lead to urgent demand for developing green, efficient and sustainable sources of energy, as well as new technologies associated with energy conversion and storage systems. Mesoporous materials have attracted widespread attention in the fields of lithium/sodium ion batteries, aqueous Zn ion batteries, fuel cells, supercapacitors and electrocatalysts, etc. Mesoporous materials can provide a large surface area to boost electrochemical reactions at the interface, facilitating electron/ion transport and electrolyte diffusion. I invite you to submit manuscripts on topics including (but not limited to) the following:

- Mesoporous materials for Li/Na ion batteries.
- Mesoporous materials for aqueous Zn ion batteries.
- Mesoporous materials for supercapacitors.
- Mesoporous materials for fuel cells.
- Mesoporous materials for electrocatalysts.
- Understanding of the relationship between cell performance and the mesoporous structure.

### Guest Editors

Dr. Shuge Dai

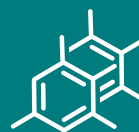
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### Deadline for manuscript submissions

closed (31 August 2025)



## Molecules

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### Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 29th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts, and novel materials. Pushing the boundaries of the discipline, we invite papers on all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

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### Editor-in-Chief

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