



Advanced Functional Materials for Sustainable Energy Harvesting and Efficient Storage Solutions

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

This Special Issue aims to showcase the latest research advancements and innovations in the field of advanced functional materials for achieving sustainable energy harvesting and efficient energy storage systems. It provides a platform for researchers to share their cutting-edge findings, insights, and perspectives on the design, synthesis, characterization, and application of functional materials for contributing to the development of more efficient and sustainable energy technologies.

Topics of particular interest include, but are not limited to:

- Novel materials for energy harvesting and storage devices
- Advanced functional materials for improving energy conversion and storage efficiency;
- Characterization techniques and modeling approaches for assessing functional materials in energy applications;
- Strategies for scalable synthesis and fabrication of functional materials for energy systems;
- Integration of functional materials into existing energy infrastructure and grid systems;
- Advances in nanomaterials, perovskites, carbon-based materials, and other emerging materials for energy applications.





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Message from the Editor-in-Chief

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