



Novel Materials for Green Energy Conversion and Storage

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Message from the Guest Editor

Emerging materials for energy conversion and storage offers a comprehensive overview of the latest advancements in materials for energy conversion technologies, including solar cells and fuel cells, as well as energy storage technologies such as batteries, supercapacitors, and hydrogen storage systems. This Special Issue primarily focuses on innovative materials that play a pivotal role in the conversion and storage of renewable energy sources. It delves into advancements that significantly improve the efficiency, durability, and cost-effectiveness of these energy sources. The aim is to develop novel materials that offer improved performance, durability, and cost-effectiveness, thereby making green energy solutions more viable and accessible. This Special Issue welcomes submissions of original research on photovoltaic materials for solar energy, wind turbine materials for wind energy, and electrochemical materials for hydrogen production and storage. Additionally, it explores the sustainability aspect of these materials, emphasizing how they can contribute to a more sustainable and environmentally friendly future of energy.





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Message from the Editor-in-Chief

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