



## Innovative Materials for Energy Storage and Conversion

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### Message from the Guest Editors

Over the past few decades, numerous types of materials have been developed for batteries, capacitors, solar cells, and other energy devices. Many breakthroughs have been demonstrated with numerous endeavors. However, there is still a long way to go to approach practically feasible energy storage/conversion devices with properties of high efficiency, low cost, and long life span. Owing to the unique structure and properties of nano or low-dimensional materials for energy storage and conversion, such as graphene, MXene, black phosphorene, etc., they have attracted an increasing amount of research interests, as evidenced in the exponential increase in the number of publications in these fields. With this in mind, this Special Issue will present a collection of the most recent findings in materials for energy storage and conversion, as well as their synthesis, structure, properties, characterization, and application. Our goal is for this Special Issue to provide a broad overview of innovative energy storage and conversion.





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## Message from the Editor-in-Chief

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