

## Special Issue

# Review of Electrode Materials and Electrolyte for Batteries

### Message from the Guest Editor

Due to the intermittent nature of clean energy, a mismatch between energy supply and demand arises, which seriously restricts the large-scale application of renewable energy. To improve the utilization efficiency of clean energy, research on high-performance energy storage systems has become an urgent need. High-performance electrode materials are key to improving the electrochemical performance of batteries. Understanding the relationships between electrochemical performance, structure, surface, and the defects of electrode materials is of great significance to the design of electrode materials. This Special Issue aims to publish high-quality review papers in *Batteries* which summarize the recent progress related to electrode materials and electrolytes for batteries. The scope of this Special Issue includes, but is not limited to: the synthesis of electrode materials, electrolyte regulation mechanisms, and electrochemical enhancement mechanisms. We also welcome reviews involving the simulation, optimization, and design of integrated devices and flexible energy devices.

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### Guest Editor

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### Deadline for manuscript submissions

closed (31 July 2023)



## Batteries

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### Message from the Editor-in-Chief

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### Editor-in-Chief

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