

## Special Issue

# Progresses in Electrochemical Energy Conversion and Storage—Materials, Structures and Simulation

### Message from the Guest Editors

Electrochemical energy conversion and storage technologies play a key role in achieving environmentally friendly and sustainable energy utilization, thus establishing a trade off in the contradiction between growing energy demands and environmental concerns. Recently, researchers have paid great attention to the development of components, devices, and systems that electrochemically convert and store energy, such as fuel cells, lithium batteries, super capacitors, redox flow batteries, etc. Furthermore, to meet the higher requirements of energy conversion and storage devices with higher energy/power density, capacity, efficiency and durability, it is still necessary to discover new materials, update highly efficient devices or system structures, and propose more accurate and effective mathematical/numerical models to advance electrochemical energy conversion and storage technologies. This Special Issue, entitled “Progresses in Electrochemical Energy Conversion and Storage—Materials, Structures and Simulation” seeks high-quality research that focuses on the latest novel advances in electrochemical energy conversion and storage technologies.

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### Deadline for manuscript submissions

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