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Advances in Metal-Ion Batteries

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Message from the Guest Editors

Dear Colleagues,

Metal-ion batteries are currently emerging as a viable substitute for the existing Li-ion battery technology, especially for large-scale energy storage, ease of problems with lithium availability, high cost, and safety concerns.

This Special Issue aims to bridge the gap between academics and industry by advocating for the best practices for measuring performance and proposing recommendations concerning essential parameters, including capacity, cyclability, Coulombic efficiency, and electrolyte consumption in all metal-ion batteries. As technical advancement continues, it is expected that several types of metal-ion batteries will be introduced to the market.

As such, this Special Issue aims to compile original and cutting-edge research work in the development, characterization, and application of metal-ion batteries through novel techniques.











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Message from the Editor-in-Chief

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