

Special Issue

Recent Advances in Metal-Ion Batteries

Message from the Guest Editor

This Special Issue aims to compile innovative research and insights on the recent advancements in metal-ion batteries, covering fundamental understanding, material design, fabrication techniques, characterization methods and practical applications. Topics of interest include the following: Novel electrode materials for metal-ion batteries; Advanced electrolyte formulations and additives; Advanced electrode binders; Strategies for enhancing battery performance, efficiency or safety; Insights into metal-ion battery operation and degradation mechanisms; Advanced characterization techniques for battery materials and interfaces; Environmental and sustainability aspects of metal-ion battery technologies; Recycling of spent materials used in metal-ion batteries

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Metallic materials play a vital role in the economic life of modern societies; contributions are sought on fresh developments that enhance our understanding of the fundamental aspects related to the relationships between processing, properties and microstructure – disciplines in the metallurgical field ranging from processing, mechanical behavior, phase transitions and microstructural evolution, nanostructures, as well as unique metallic properties – inspire general and scholarly interest among the scientific community.

Editor-in-Chief

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