

## 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

Prof. Dr. Ali Reza Kamali

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### Deadline for manuscript submissions

closed (31 December 2024)



## Metals

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## About the Journal

### Message from the Editorial Board

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.

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### Editors-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 18 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).