

Special Issue

Advances in Metal-Ion Batteries

Message from the Guest Editors

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.

Guest Editors

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

Welcome to *Crystals*, the journal dedicated to the fascinating world of crystallographic research! Crystals are more than mere decorative elements; they hold the key to understanding the fundamental structure of matter. Our mission is to explore the crucial significance of this research across various fields. From medicine to technology, chemistry to geology, crystals play a vital role. Their structure provides insights into new advanced materials, innovative drugs, and groundbreaking technologies. Through *Crystals*, we delve into the microscopic world to discover solutions that will shape the future. Join us on a journey through the *Crystals*, where science merges with beauty and innovation.

Editor-in-Chief

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