

Special Issue

Zn-Based Batteries: Recent Progresses and Challenges

Message from the Guest Editors

This Special Issue welcomes papers reporting new developments in cathode and/or anode chemistry, especially with a superior electrochemical performance and novel ion storage processes. In addition, reports regarding electrolyte regulations, such as ion-sheath regulation, as well as multifunctionalities, such as anti-freezing, self-healing, are encouraged for submission. Different Zn-based chemistries are welcomed, including Zn-ion batteries, Zn-air batteries, Zn-based flow batteries, and capacitors. Engineering developments and designs at the device level for Zn-based batteries are also welcomed, such as smart and wearable devices, and the integration with other energy conversion platforms.

Guest Editors

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Deadline for manuscript submissions

closed (31 March 2023)



Batteries

an Open Access Journal
by MDPI

Impact Factor 4.8
CiteScore 6.6



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Take the opportunity to publish your original scientific work or a review paper concerning battery materials, battery technology or battery application within this new open access journal. Along with material science, the journal also addresses engineering and multidisciplinary research topics, such as cell and system design or storage system integration. Publishing proffers visibility for the benefit of other experts and facilitates discussion of the research results within the field. You are invited to publish your work, read published papers and to participate in topical discussions.

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