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Rechargeable Aqueous Zinc-ion Batteries

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Message from the Guest Editor

In recent years, rechargeable aqueous zinc-ion batteries (RAZIBs) have received incremental attention as a divalent-ion-based battery because of the advantages of using zinc, such as safety, natural abundance, cost effectiveness, environmental friendliness, high volumetric capacity, and ease of handling in air. Research on aqueous zinc-ion batteries will continue to grow, and is gaining importance for other applications, e.g., large scale energy storage systems.

Despite recent advances in RAZIB technology, new discoveries and further improvements are still required in the fields of high-energy electrode materials, electrolytes and salts, cell design, various scale test, battery management systems, and safety. Therefore, this Special Issue will focus on the future directions of developments in RAZIBs.

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Message from the Editor-in-Chief

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