



## Lithium-Ion Batteries and Beyond: Outlook on Present and Future

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Deadline for manuscript  
submissions:

**closed (20 July 2023)**

### Message from the Guest Editors

Due to the advantage of high energy-density, lithium-based energy storage systems power our daily lives from smart phones to other consumer electronics. They also enable electrification of the transportation systems and provide stationary storage of energy in the electrical grid.

This Special Issue highlights key advances and urgent development of lithium-based batteries in the battery research community worldwide. We call for outstanding manuscripts, including reviews and original research articles, to be submitted to the open access journal *Batteries* (ISSN 2313-0105). The major scope of this issue will cover research areas in high-energy, long cycle life, fast charging and safe lithium-ion batteries and beyond lithium-ion battery technology. Research topics will provide trends in 1) advanced cathode materials with high energy and long cycle life; 2) next-generation anode materials; 3) electrolytes and additives; 4) engineering and scale-up of battery components and cells; 5) multi-scale range characterization of battery bulk materials and interfaces; 6) critical materials recycling; and 7) beyond lithium-ion battery technologies.







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## Message from the Editor-in-Chief

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