Special Issue

Thermal Safety of Lithium Ion Batteries—2nd Edition

Message from the Guest Editor

Avoiding the thermal runaway of lithium-ion batteries modules and inhibiting the propagation of thermal runaway is an important requirement for developing LIBs. In-depth research on thermal runaway risk management and control methods has important scientific significance and is also an international hot frontier. This Special Issue will address the development of the thermal safety of LIBs. Topics of interest for publication include, but are not limited to:

- High-safety and high-performance battery design;
- The development of safety additive materials for LIB;
- Insights into thermal runaway mechanisms and thermal propagation mitigation;
- Safety tests (mechanical, electrical, thermal abuse);
- Degradation mechanisms and identification, elucidation, and diagnosis technology

Guest Editor

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Message from the Editor-in-Chief

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.

Editor-in-Chief

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