Special Issue

Lithium-Ion Battery Energy Storage Technology

Message from the Guest Editors

The main purpose of this Special Issue is to present achievements on the synthesis and research of new high-capacity cathode and anode materials, electrolytes operating in a wide temperature range and at high positive potentials for lithium-ion batteries, as well as research in the field of post-lithium-ion batteries. Topics of interest for this issue include but are not be limited to the following:

- Lithium-ion batteries (electrode materials, battery electrochemistry, electrolyte, and separators)
- Solid electrolyte interface (SEI)
- High-capacity cathode and anode materials
- Wide-voltage-window electrolyte
- Research techniques
- Cycling stability
- New electrochemical systems for lithium-ion batteries and post-lithium-ion batteries

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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.

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