Special Issue

Designing High-Energy Lithium-Sulfur Batteries

Message from the Guest Editor

In this Special Issue, we welcome contributions that help to understand the degradation mechanism, the behavior of sulfur complexes during cycles, and novel solutions to extend the cycle performance with a high energy density. Topics of interest include, but are not limited to, the following:

- Degradation mechanism
- Transition of sulfur complexes
- Advanced cathode materials
- High mass loading structured electrodes
- New electrolyte compositions
- Protective coating layers
- Li metal anode modification
- Novel separator design

Guest Editor

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Deadline for manuscript submissions

closed (29 November 2024)

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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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