



Solid State Batteries: From Materials Research to Design and Applications

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Message from the Guest Editors

Dear Colleagues,

Solid-state batteries (SIB) with solid electrolytes are considered to be the new generation of devices for energy storage and electric vehicle applications. Is it possible to boost the performance and reduce the cost of solid-state batteries through the rational design of materials, developing key technologies for improving interfacial properties as well as the innovation of manufacturing processes? This Special Issue will cover the key topics in various solid-state batteries.

Topics of interest include, but are not limited to:

- Electrode materials for novel solid-state batteries, including positive and negative electrodes;
- Solid electrolytes;
- Interfacial optimization;
- Cell design;
- Electrochemical test method;
- Cell failure analysis;
- Performance lifetime and degradation studies.

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Guest Editors





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Message from the Editor-in-Chief

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