



All-Solid-State Rechargeable Batteries

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Message from the Guest Editor

New energy batteries have been applied to aspects of daily life, such as new energy vehicles, computers and other common electronic mobile devices. However, commercialized organic rechargeable batteries have many safety risks such as explosion and liquid leakage, so the development of a new type of rechargeable battery with high safety has become an important part of future battery development. Rechargeable solid-state batteries have become the first choice for the next generation of new batteries due to their high safety and high energy density. The stable and non-flammable solid-state electrolyte provides the possibility of commercialization. Therefore, how to improve the electrochemical performance and optimize the safety of rechargeable solid-state batteries has become a key issue to be overcome in the subsequent development.

For this Special Issue, we would like to receive submissions that contribute to the exploration of different novel solid-state electrolytes for rechargeable batteries.





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