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Ionic Transportation Bases in All-Solid-State Batteries

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Message from the Guest Editors

Dear Colleagues,

All-solid-state batteries have attracted much attention because of the potential to deliver the higher energy density and safety required for energy storage in large-scale applications. At present, several solid electrolytes with exceptional high ionic conductivities and wide electrochemical windows have been obtained. The fabrication of all-solid-state batteries has been investigated using different strategies to achieve adequate electrochemical performances. This Special Issue is devoted to collecting the latest updates on fundaments of ionic transportation taking place during the operation of all-solid-state batteries, with a special focus on the current issues and future perspectives in this field. Thus, the contribution of researchers and experts is very welcome to provide useful fundamental knowledge aimed at a wide community.

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Message from the Editor-in-Chief

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