



## Recent Advances of All-Solid-State Battery

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### Message from the Guest Editors

The development of solid electrolytes and all-solid-state batteries (ASSBs) has sparked great attention, which could be a crucial technology for the success of forthcoming electronics and electric vehicles. However, solid electrolytes and all-solid-state batteries are hampered due to problematic contact issues at solid–solid interfaces and safety concerns. In addition, the all-solid-state batteries have shown dendrite growth, poor life cycle and energy densities owing to a lack of appropriate electrolyte materials with high ionic conductivity in comparison to liquid electrolytes.

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