Special Issue

Advanced Materials and Technologies in All-Solid-State Lithium Batteries

Message from the Guest Editor

In general, all-solid-state batteries can be classified as inorganic all-solid-state electrolytes, polymer all-solid-state electrolytes, or organic-inorganic composite all-solid-state electrolytes. Up to now, promising progress has been made in all-solid-state lithium battery research. However, the development of all-solid-state batteries, which is still at the laboratory level, still has many challenges, such as process complexity, difficulty in scaling up, and unsatisfactory electrochemical performance. Therefore, in order to accelerate the commercialisation of all-solid-state lithium batteries, in this Special Issue, "Advanced Materials and Technologies in All-Solid-State Lithium Batteries", we aim to publish research papers related to the development of advanced materials and key technologies for all-solid-state lithium batteries, such as novel electrolyte materials, creative electrolyte structure design, advanced electrolyte preparation technology, safe electrolyte protection strategy, etc. We encourage experts and researchers to contribute relevant articles, letters, and reviews to this Special Issue of *Batteries*.

Guest Editor

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