



## Advanced Materials for Batteries

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### Message from the Guest Editor

Dear Colleagues,

Research on new materials has constantly been driving the rapid development of energy storage and conversion technologies, such as Li-ion batteries, metal–air batteries, and next-generation batteries. In recent years, advanced materials have provided enormous opportunities to create batteries with higher energy density, better cycling performance, improved safety, lower cost, and longer cycling life. Research on novel materials will continue to grow and gain importance in more applications, including all-solid-state batteries.

In this Special Issue, we focus on advanced materials directed towards applications in the battery field, especially in the advancement of electrode materials and new electrolytes, including, but not limited to, new anode materials, cathode materials, electrolyte additives, solid-state electrolytes, electrode additives, and interphases. This Special Issue aims to demonstrate the latest updates and future perspectives regarding advanced materials for batteries.





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## Message from the Editor-in-Chief

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