



Li-Ion Battery Materials

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Message from the Guest Editors

Lithium-ion batteries have emerged as critical electrochemical devices, essential customizable and important power sources for vehicles and large-scale energy storage systems. As one of the most important components, the materials, including positive and negative electrode materials, play a significant role for the improvement of the performance of lithium-ion batteries. Indeed, the rational design and preparation of various nanomaterials for LIB application has attracted huge attention from researchers worldwide in recent decades, and it has been a major research theme for the development of high-performance batteries. To present the achievements and progress in LIB materials in recent years, we are organizing this Special Issue.

This Special Issue on “Lithium-Ion Battery Materials” will cover the latest advancements in LIB materials, including positive electrode materials and negative electrode materials in terms of the following aspects: material design and preparation, structure characterization, exploration of new materials and preparation technologies, theoretical calculation and simulation, etc.





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Message from the Editor-in-Chief

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