



## Research and Application of Lithium-Ion Batteries

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Deadline for manuscript  
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### Message from the Guest Editors

Lithium-ion batteries have been widely used in portable digital products, new energy vehicles, energy storage stations and other fields due to their advantages of high energy density, long service life, low self-discharge, and flexible shape design. At the same time, there has been a proliferation of research related to the improvement of the energy density of lithium-ion batteries to meet higher application requirements. As is widely known, the constituent materials of Li-ion batteries directly determine or influence the performance of the battery, such as electrodes, separators, electrolytes, conductive agents, binders and casing materials. In particular, by regulating the crystallization properties of materials, we can purposefully develop lithium-ion batteries with better performance. As a consequence, we are launching this Special Issue, entitled “Research and Application of Lithium-ion Battery”, with the aim of publishing reports on the related aspects of lithium-ion battery research. We sincerely welcome experts and researchers to contribute relevant articles, letters and reviews to this edition of Crystals.





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## Message from the Editor-in-Chief

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