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Second, the superiorities and shortcomings of polymer electrolytes for lithium-ion batteries are listed. Also, approaches for improving the weaknesses of polymer electrolytes have been ...

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Thermal characterization and diagnosis are critical for the whole-life-cycle safety of lithium-ion batteries (LIBs). However, conventional techniques are time-delayed and discontinuous due to ...

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This review critically evaluates recent advances in the full recycling of spent lithium-ion batteries, with particular emphasis on the advantages of emerging innovative strategies, including rapid ...

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