Special Issue

Advanced Technologies of Lithium Batteries

Message from the Guest Editor

Lithium batteries have attracted considerable attention and been widely used in portable electronics, electric vehicles, medical devices, and grid energy storage. During electrochemical processes, the inside redox reaction between cathodes and anodes realizes energy conversion between chemical energy and electricity energy. To date, lithium batteries have been extensively studied are familiar to the experts in this area. However, just because something is the status quo does not mean it is the right choice, and more research needs to be carried out to achieve a better performance and safer lithium batteries, especially driven by the need for higher energy density conditions. This Special Issue aims to present and disseminate the most recent advanced technologies for the development of high-performance lithium batteries.

Guest Editor

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Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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