

Special Issue

Emerging Lithium-Ion Batteries: Design, Characterization, and Applications

Message from the Guest Editors

Lithium-ion batteries are increasingly used in diverse applications and will play a decisive role in achieving a more sustainable and efficient energy transition; therefore, this Special Issue seeks to provide technical in-depth analysis of the latest advancements in lithium-ion batteries, focusing on the interplay between materials science and electrochemical, electrical, and mechanical engineering.

The main objective of this Special Issue is to disseminate recent research efforts contributing to advances in lithium-ion battery design and characterization, as well as to showcase innovative applications.

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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