Special Issue

Facile and Scalable Approaches for the Improvement of Batteries

Message from the Guest Editor

In response to global warming crisis, the growth in the popularity of electric vehicles (EVs) in the transportation sector has rapidly accelerated. Sustaining this rapid growth in the EV market necessitates the production of high-performance batteries at competitive prices. Recent advancements in battery technology involve the introduction of new chemistries and processes by cell manufacturers, aiming to supply consumers and automakers with superior performance cells. This Special Issue titled "Facile and Scalable Approaches for the Improvement of Batteries" focuses on high-quality research contributions that highlight the latest innovations in battery processing. The objective is not limited to Li-ion batteries; rather, it aims to encompass research topics related to advanced and alternative battery technologies, with a particular focus on manufacturing processes and techniques. This Special Issue's topics include, but are not limited to, the following areas:

- Surface modification on cathode and anode material;
- Slurry coating and casting technology;
- Seperator modification;
- Advanced pressing process;
- Advanced and alternative batteries.

Guest Editor

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Deadline for manuscript submissions

closed (15 July 2024)

Processes

an Open Access Journal by MDPI

Impact Factor 2.8
CiteScore 5.5

mdpi.com/si/193114

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Editor-in-Chief

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