Special Issue

Modeling and Optimization Control of Power Battery

Message from the Guest Editors

As important energy-storage components, batteries have been widely used in portable electronics, electric vehicles, smart grids, electrical transportations, etc. The modeling and optimization control of power batteries has been an emerging and challenging research topic in recent years. This Special Issue will provide a platform for presenting the latest research results on technology development for the modeling and optimization control of power batteries. We welcome research papers about theoretical, methodological and empirical studies, as well as review papers, that provide critical overviews on the state of the art of technologies. Manuscripts from cross-disciplinary fields, such as battery electrochemistry, power electronics, and control technology, as well as algorithmic and hardware design, that can provide timely and effective solutions for emerging challenges in the modeling and optimization control of power batteries, are strongly encouraged.

Guest Editors

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

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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