Special Issue

New Trends into Lithium-Ion Batteries and Energy Storage Materials

Message from the Guest Editors

Li-ion batteries have recently become ubiquitous energy storage systems in a variety of applications extending from electronic devices running on rechargeable battery power to electric vehicles. Consequently, Li-ion battery technology has been the subject of promising contemporary research aiming at improving its performance, life span, efficiency, safety, energy density, and power density. “New Trends into Lithium-ion Batteries and Energy Storage Materials” is a Special Issue that invites papers relevant to trending technologies that can improve and expand the use of li-ion batteries. **Keywords:**

- Li-ion battery trending technologies
- Mathematical modeling and materials
- Applications of Li-ion battery
- Hybrid energy storage systems
- Li-ion battery power loss reduction
- Li-ion battery efficiency improvement
- Simulation and experimental results

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Deadline for manuscript submissions

closed (20 October 2023)

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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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