Special Issue

New Energy Vehicles: Battery Management and System Control

Message from the Guest Editor

The advancement in battery technologies have propelled the evolution of new energy vehicles, e.g., Battery Electric Vehicles (BEVs), Hybrid Electric Vehicles (HEVs), and Fuel Cell Electric Vehicles (FCEVs) for the automotive industry. Due to the intricate nature of different power sources, it is imperative to develop effective battery thermal management systems (BTMSs) and design effective control systems to shift between potential operating modes. Thus, this Special Issue encourages researchers working in this field to share their latest developments in emerging battery management technologies and control systems to improve the EVs' efficiency and safety. Keywords

- battery electric vehicle
- battery thermal management system
- flow channels
- artificial intelligence

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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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