Special Issue

Optimized Energy Management Technology for Electric Vehicle

Message from the Guest Editor

This Special Issue, titled "Optimized Energy Management Technology for Electric Vehicle," aims to showcase the latest advancements in energy management strategies, technologies, and methodologies tailored for electric vehicles. We invite contributions that address the design, modeling, optimization, and implementation of energy management systems (EMSs) for EVs, as well as their integration with renewable energy sources, smart grids, and other emerging technologies. Topics of interest for publication include, but are not limited to, the following:

- Advanced energy management strategies for EVs;
- Optimization of battery performance and thermal management;
- Integration of EVs with renewable energy systems and smart grids;
- Machine learning and AI-based approaches for energy management;
- Power electronics and control techniques for EV energy systems;
- Vehicle dynamics;
- Intelligent energy management for fuel cell vehicles;
- Novel energy storage technologies for EVs;
- Real-time monitoring and fault diagnosis in EV energy systems;
- Intelligent energy-saving control for electric vehicles.

Guest Editor

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About the Journal

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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