

Special Issue

Lithium-Ion and Lithium-Sulfur Batteries for Vehicular Applications

Message from the Guest Editors

This Special Issue will deal with all advances and reviews related to lithium-ion and lithium-sulfur batteries for automotive purposes, which include ground vehicles (e.g., cars, HGVs), rail, aviation, unmanned aerial vehicles, and personal electric vehicles (PEVs). Topics of interest for publication include, but are not limited to, the following:

- Battery cycling;
- Battery characterization;
- Battery modeling;
- Battery vehicle powertrain modeling;
- Battery materials;
- Battery degradation;
- Energy management systems;
- Battery electric vehicles;
- Hardware-in-the-loop and software-in-the-loop testing;
- Imaging of batteries or battery materials;
- Sizing of vehicle power systems;
- Drive cycle testing for batteries.

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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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