Special Issue

Lithium Batteries for Vehicular Applications

Message from the Guest Editor

Lithium batteries in recent years have become a de-facto standard for installation on board electric and hybrid vehicles. However, manufacturers sometimes do not give all the needed information, and therefore it is not easy to select the proper lithium-based technology to be used. Additionally, batteries installed on board vehicles have a BMS (Battery Management System), which normally includes methods to correctly achieve battery SOC (State-Of-Charge) and SOH (State-Of-Health). Therefore, a numerical battery model with related algorithms is needed. This Special Issue seeks to address the lack of knowledge around these themes by inviting papers on experimental tests verification and design of algorithms specifically oriented to improve the use of batteries in vehicular applications. Special Issue webpage: Lithium Batteries for Vehicular Applications

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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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