

Special Issue

Advances in Lithium-Ion Automobile Batteries

Message from the Guest Editors

Battery systems are one of the key contributors to sustainable mobility, and automobile batteries are expected to be vastly applied. Even though numerous electric and hybrid electric vehicles are already on the road, considerable research is still required to improve the life cycle sustainability of automotive batteries, including, among others, thermal management, mass production, reduction or raw materials, reuse and recycling, repeatable and representative accelerated aging, storage and use of battery data over a lifetime, etc. Those topics have to be approached both by experiments but also by modeling and should be enriched by knowhow acquired in the field. Moreover, new sustainable business models have to be created for lithium-ion automobile batteries. In this Special Issue on “Advances in Lithium-Ion Automobile Batteries”, the journal *Applied Sciences* will address all those interesting and cross-cutting topics in this field with growing interest and importance.

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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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