Special Issue

Electrode Materials for Lithium-ion Batteries/Super-capacitors

Message from the Guest Editors

Lithium-ion batteries and supercapacitors are the most popular power sources for portable electronics and modern electric vehicles. With increased demands for safety, higher energy, and power densities and flexibility, intensive research has been devoted to the development of new energy storage chemistries, novel architectures of electrode materials, and new concepts of energy storage devices. Modified activated carbon, graphene, nanomaterials, conducting polymers and their composites are also attractive for supercapacitors. Moreover, hybrid systems of lithium-ion batteries and supercapacitors have also been considered for future high power and high energy applications. Prof. Dr. Li Lu Assoc.

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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.

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