Special Issue

Electrochemical Energy Storage Devices: Latest Advances and Prospects

Message from the Guest Editor

As a part of the worldwide effort to curb global warming, most countries have established goals to regulate CO2 emissions from power plants and vehicles. Accordingly, the markets of renewable energy, energy storage systems, and electric vehicles are becoming larger. In addition, the importance of electrochemical energy storage devices has increased along with the fourth industrial revolution. Despite many great efforts, people still desire larger capacity, longer cycle life, and faster charging of battery systems. This Special Issue has the aim of current progress in the electrochemical energy storage devices with particular attention to new materials and systems. It is our pleasure to invite you to submit full papers, communication, and reviews focused on novel materials, systems, electrochemical analysis, and other aspects related to the Special Issue topic. Manuscripts detailing research and investigation into primary and secondary batteries, fuel cells, and supercapacitors will be also warmly welcomed.

https://www.mdpi.com/journal/applsci/special_issues/Electrochemical_Devices

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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.

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