Special Issue

Electrochemical Capacitors

Message from the Guest Editors

Electric energy storage devices have been strongly progressing to meet ever-increasing demand from several promising sectors such as automobiles, renewable energies and mobile gadgets. Electrochemical capacitors have been accepted as the key elements for realizing charge–discharge cycling with high power density, high efficiency and long life. Supercapacitors (electric double-layer capacitors, pseudocapacitors, and hybrid capacitors) and aluminum electrolytic capacitors are typical modern electrochemical capacitors. It is now timely to publish a Special Issue targeting wide range of recent technological developments and case reports on specific applications related to electrochemical capacitors. The journal *Batteries* invites contributions to this Special Issue featuring the recent technological developments in electrochemical capacitors, mainly targeting electric double-layer capacitors, pseudocapacitors, hybrid capacitors, lithium-ion capacitors, and aluminum electrolytic capacitors. The accumulation of cutting-edge knowledge and the latest experience will contribute to the advancement of energy storage technology...

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Take the opportunity to publish your original scientific work or a review paper concerning battery materials, battery technology or battery application within this new open access journal. Along with material science, the journal also addresses engineering and multidisciplinary research topics, such as cell and system design or storage system integration. Publishing proffers visibility for the benefit of other experts and facilitates discussion of the research results within the field. You are invited to publish your work, read published papers and to participate in topical discussions.

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