Special Issue

Nanostructured Carbon Materials for Electrode Design

Message from the Guest Editors

The Special Issue "Nanostructured Carbon Materials for Electrode Design" is devoted to high-quality and original research papers on carbon-based electrode processing (synthesis, manufacturing, heteroatom enrichment, structuring, and multidirectional characterization). Any investigations into the following properties of carbon electrode materials are welcome: chemical composition, specific surface area, pore size distribution, electric conductivity, the chemistry of the surface, the performance of standard electrochemical electrode reactions (ORR and water splitting potential), etc. The relation between carbon electrode properties and the performance of standard electrochemical devices (primary and secondary electrochemical cells, rechargeable and non-rechargeable air–metal batteries, symmetric and asymmetric supercapacitors, fuel cells, water splitting systems, etc.) is of great interest as a bridge between academia and real life.

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Editor-in-Chief

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