Special Issue

Fabrication and Characterization of Nanostructured Carbon Electrodes

Message from the Guest Editors

This Special Issue on "Fabrication and Characterization of Nanostructured Carbon Electrodes" will attempt to cover the recent advances in nanostructured carbon electrodes for rechargeable batteries and supercapacitors, concerning not only their synthesis and characterization but also their functional properties as well as practical applications. Therefore, this Special Issue welcomes contributions in the form of of full papers, communications, perspectives, and reviews from all researchers working on nanostructured electrodes, as well as on their characterization and properties. For further reading, please follow the link to the Special Issue Website at:
http://www.mdpi.com/si/65183

Guest Editors

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Deadline for manuscript submissions

closed (31 October 2022)

Nanomaterials

an Open Access Journal by MDPI

Impact Factor 4.3
CiteScore 9.2
Indexed in PubMed

mdpi.com/si/65183

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Nanoscience and nanotechnology are exciting fields of research and development, with wide applications to electronic, optical, and magnetic devices, biology, medicine, energy, and defense. At the heart of these fields are the synthesis, characterization, modeling, and applications of new materials with lower nanometer-scale dimensions, which we call “nanomaterials”. These materials can exhibit unusual mesoscopic properties and include nanoparticles, coatings and thin films, metal–organic frameworks, membranes, nano-alloys, quantum dots, self-assemblies, 2D materials such as graphene, and nanotubes. Our journal, *Nanomaterials*, has the goal of publishing the highest quality papers on all aspects of nanomaterial science to an interdisciplinary scientific audience. All of our articles are published with rigorous refereeing and open access.

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