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Recent Advances in Energy Storage Devices Based on Laser-Processed Carbon Nanomaterials

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Deadline for manuscript submissions:
closed (15 December 2024)

Message from the Guest Editors

Dear Colleagues,

The present Special Issue on *Nanomaterials* aims to present the current state of the art in the application of laser-processed carbon nanomaterials in energy storage devices, particularly in micro-scale devices such as supercapacitors and batteries. The electrochemical properties of laser-processed carbon nanomaterials are closely linked to the choice of carbon precursors, laser types, and parameters. Therefore, discovering new carbon precursors and laser processing techniques is crucial. In the present Special Issue, we invite contributions from leading groups in the field with the aim of providing a balanced overview of the current state-of-the-art advances in this discipline.

See more information at
https://mdpi.com/si/203488

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Prof. Dr. Yun Chen
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Editor-in-Chief

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Message from the Editor-in-Chief

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. We are proud of our increasing impact factor and ability to provide rapid decisions to authors.

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