Special Issue

Synthesis of Graphene Composites and Their Applications in Supercapacitors

Message from the Guest Editor

Dear colleagues, The applications of graphene composites, including pure and doped graphene materials, in supercapacitors have shown great promise in various fields, including portable electronics, electric vehicles, renewable energy systems, and wearable devices. They offer potential solutions for addressing energy storage challenges and advancing the development of efficient and sustainable energy storage technologies. In summary, the synthesis of graphene composites and their applications in supercapacitors represents an exciting research area that combines the unique properties of graphene with the high-performance requirements of energy storage devices. This Special Issue will explore the advancements in synthesizing graphene composites and their potential impact in revolutionizing energy storage technologies for various applications. We welcome scholars and experts in this field to contribute. See more information at https://www.mdpi.com/si/177757

Guest Editor

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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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