Special Issue

Advances in Two-Dimensional Layered Materials: From Excitonic Complexes to Optoelectronics

Message from the Guest Editors

Our Special Issue, entitled “Advances in Two-Dimensional Layered Materials: From Excitonic Complexes to Optoelectronics”, seeks to comprehensively cover the spectrum of research on excitonic complexes in two-dimensional layered materials. Emphasizing both fundamental investigations and applied research on various devices, this Special Issue aims to provide a platform for disseminating cutting-edge developments in the field. See more information at https://mdpi.com/si/198764

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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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