Special Issue

Boron Nitride Nanostructures

Message from the Guest Editors

Boron nitride (BN) is a III–V material, well known for its outstanding physico-chemical properties, such high chemical and thermal stabilities and unique electronic and optical properties. In the past few decades, Boron Nitride nanostructures, such as nanosheets, nanotubes, porous material, nanocapsules, etc., have attracted a great deal of interest because of their potential applications in functional devices. The research topic of this Special Issue will consider: (i) the design of nanostructured boron nitride nanostructures with controlled crystal structure, porosity and dimensionality, (ii) functionalization of boron nitride, and (iii) prospective applications of boron nitride nanostructures and materials. Multi-disciplinary studies, as well as strategies dealing with the conversion of precursors into functional nanostructured boron nitride, will be particularly welcome. Please **click here to submit your manuscript**.

Guest Editors

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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.

Editor-in-Chief

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