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Current Advances in Nanoelectronics, Nanosensors and Devices (Second Edition)—Low Dimensional Materials Fabrication, Characterization and Applications

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Message from the Guest Editor

The Special Issue entitled “Current Advances in Nanoelectronics, Nanosensors and Devices (Second Edition)—Low Dimensional Materials Fabrication, Characterization and Applications” will present a collection of high-quality original research papers and comprehensive reviews concerning the recent advances in the field of nanostructures, 2D materials, nanoelectronics, nanosensors, and devices.

This Special Issue aims to highlight new understandings, new techniques, new results, new theories, and new innovative approaches and developments in all aspects of the fabrication, characterization, and application of nanostructures, 2D materials, nanoelectronics, nanosensors, and nanodevices and their integration in existing and emerging applications.



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Special Issue



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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.

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