Special Issue

Nanoelectronics, Nanosensors and Devices for Early Career Investigator

Message from the Guest Editor

Nanoelectronics represents the direction of microelectronics and will be the cornerstones of next-generation electronic science and technology. The advanced nanomaterials and micro-nano machining make the nanoelectronics. In addition, nanosensors have made great progresses ascribed to their specific surface states and quantum effects. Moreover, the flexibility of nanomaterials produces flexible and wearable nanoelectronics as well as nanosensors for smart intelligent integrated systems. The Special Issue aims to highlight the electronic and optoelectronic devices including the relevant low-dimensional semiconducting materials, the architecture design of the devices, the physical properties and their applications in the integrated devices, nanosensors, flexible electronics etc. To be considered for this special issue, the corresponding authors had to have received their doctoral degree within the last 15 years. The manuscript should be submitted online before 31 January 2022. We would very much appreciate it if you could let us know your interest in contributing to the paper at your earliest convenience.

Guest Editor

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Deadline for manuscript submissions

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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.

Editor-in-Chief

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