

## Special Issue

# Nanoscale Transistors: Fabrication and Applications

### Message from the Guest Editors

The last half century has been heralded as the “digital age” due to the impact of electronics in computation, sensing, and communication. To support this development in the future, advances in its core component—the transistor—are required. Significant research effort is aiming at innovations in their fundamental working principle and the employed materials in order to push the boundaries of current versions. Moreover, new types of devices are considered for uses “beyond-Moore”. A special issue of *Nanomaterials* entitled “Nanoscale Transistors: Fabrication and Applications” aims to highlight the recent advances in the conception and realization of transistors with unprecedented size, unexpected functionality, and exciting potential.

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### Guest Editors

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### Deadline for manuscript submissions

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## Nanomaterials

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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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### Editor-in-Chief

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