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Nitride Nanostructures: Growth Methods and Device Applications

Guest Editor:

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Deadline for manuscript submissions:
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Message from the Guest Editor

This journal focuses on the scientific and engineering aspects of Ⅲ-nitride materials and Ⅲ-nitrides combined with two-dimensional materials, the description of unprecedented physical phenomena that can be observed in the fundamental properties of materials, material growth techniques, device structure design, and the realization of state-of-the-art electronic devices.

- Ⅲ-nitride materials growth;
- Defect control;
- Doping efficiency;
- Device design;
- Reliability analysis;
- Ⅲ-nitride combination with two-dimensional materials.

We look forward to receiving insightful contributions.

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Editor-in-Chief

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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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