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## State-of-the-Art Nanomaterials and Nanotechnology in China

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### Message from the Guest Editors

Dear Colleagues,

This Special Issue will be an overview of nanomaterials and nanotechnology in China. Research topics include but are not limited to the following:

- Nanomaterials including nanocrystalline, nanoparticles, nanotubes, nanowires, low-dimensional materials, thin films, heterostructures, nanocomposites, etc.
- Nanodevices with properties including mechanics, magnetic, electronic, optic, semiconductor, ferroelectric, superconductor, biology, energy, etc.
- Nanotechnologies including nano-imaging, nanomedicine and nanobiotechnology, nano-fabrication and processing, nano-energy conversion and utilization, etc.
- Theoretical calculation in structural analysis and functional mechanism of nanomaterials and

The only limitation is that the main part of the study has to have been carried out in China or by Chinese researchers.

This Special Issue will portray the state of nanomaterials and nanotechnology in China and give the rest of the world a clear image of what is being achieved in this field in our country.

Prof. Dr. Zhidong Zhang

Prof. Dr. Huanjun Chen

Prof. Dr. Wen Zeng

*Guest Editors*

# 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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