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Inorganic Materials in Nanotechnology: Fabrication, Characterization and Application

Guest Editor:

Dr. Akinobu Yamaguchi

Laboratory of Advanced Science
and Technology for Industry,
University of Hyogo, Kobe, Japan

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Message from the Guest Editor

This Special Issue aims to cover experimental and/or theoretical studies including materials informatics, in the field of synthesis, fabrication, and characterization of nano/micromaterials. Advanced synthesis and fabrication processes, characterizations, and activity/stability evaluation of inorganic materials are very welcome. Manuscripts on research and development related to electric state, chemical state control, and heterostructure introduction, including not only basic research but also applied research are also welcome. We are also looking for research papers to conduct physical property research under desirable experimental conditions by creating ideal experimental systems such as those used in spintronics, molecular electronics, and lab-on-a-chip.



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Prof. Dr. Eugenia Valsami-Jones

School of Geography, Earth and Environmental Science,
University of Birmingham,
Birmingham B15 2TT, UK

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.

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Nanomaterials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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