

Special Issue

Advances in Nanomaterials 2023

Message from the Guest Editors

This Special Issue includes regular papers published in *Nanomaterials* in 2023, and selected papers from the 4th International Online Conference on Nanomaterials, held on 5–19 May 2023 on sciforum.net (<https://iocn2023.sciforum.net/>). The scope of this Special Issue is to cover the whole breadth of nanomaterials research and provide a forum for presenting and discussing new results. Contributors are requested to submit papers and presentations from the field of nanomaterials, such as nanomaterials and nanostructures, 2D materials and graphene, nanoparticles and quantum dots, nanowires and nanotubes, nanobiology and nanomedicine, nanophotonics and plasmonics, nanoelectronics and nanodevices, nanoenergy and nanocatalysis, nanofabrication, and nanomanipulation.

Guest Editors

Prof. Dr. Antonio Di Bartolomeo

Department of Physics "E.R. Caianiello", University of Salerno, 84084 Fisciano, Italy

Prof. Dr. Guanying Chen

School of Chemistry and Chemical Engineering, Harbin Institute of Technology, Harbin 150001, China

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Nanomaterials
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
nanomaterials@mdpi.com

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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

Prof. Dr. Eugenia Valsami-Jones

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

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