

## Special Issue

# Design, Synthesis, and Investigation of Nanomaterials (Nanoparticles, Nanocomposites) for Optics and Nonlinear Optics

### Message from the Guest Editors

This Special Issue will include interdisciplinary topics at the frontiers of chemistry, optics, physics, and materials science, covering a wide range of applications connected with electronic, electrochromic, photochromic, photoluminescent, electroluminescent, plasmonic, magneto-optic, chiro-optic, biophotonic or nonlinear properties. Publications will be devoted to the design of nanomaterials and nanocomposites, synthesis methodologies, device fabrications, property evaluations, applications, and modeling of structure-properties relationships.

### Guest Editors

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### Deadline for manuscript submissions

closed (15 December 2021)



## Nanomaterials

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## About the Journal

### 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

Prof. Dr. Eugenia Valsami-Jones

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