

Special Issue

Visionary Development and Synthesis of Nanoparticles: Optical, Electronics, Sensing and Bio Applications

Message from the Guest Editors

Dear colleagues, We are happy to announce a Special Issue of the journal *Nanomaterials*, devoted to the “Visionary Development and Synthesis of Nanoparticles: Optical, Electronic, Sensing and Bio Applications” (IF: 5.076) (<https://www.mdpi.com/journal/nanomaterials>). The Special Issue will cover original research and review articles from interested researchers as well as the 5th International Symposium on Nanoparticles, Nanomaterials and Applications (5thISN2A-2022) (<http://www.isn2a2022.com/>), all submissions able to access a 25% discount off the regular fees of *Nanomaterials*. Papers covering a wide range of fields regarding nanomaterials applied in optical, electronic, sensing and bio systems, focusing on environmental, toxicological, imaging, drug delivery, new sustainable synthetic method and biomedical applications are welcome.

Guest Editors

Prof. Dr. Carlos Lodeiro

Dr. Hugo Miguel Santos

Dr. Javier Fernandez Lodeiro

Dr. Elisabete Oliveira

Deadline for manuscript submissions

closed (30 June 2022)



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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.

Editor-in-Chief

Prof. Dr. Eugenia Valsami-Jones

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