

Special Issue

Luminescence Properties and Bio-Applications of Nanomaterials

Message from the Guest Editor

This Special Issue of *Nanomaterials* aims to show a comprehensive collection of articles, outlining progress in the application of luminescent nanomaterials in biophotonics, biology, and medical studies. Potential topics include the use of quantum dots, nanowires, 2D materials, nanocrystals, polymers, and porous nanoparticles, as well as more complex nanoplateforms comprising nanomaterials carrying fluorescent dye, medicine, or other formulations. Included topics are not limited to those mentioned. We invite authors to contribute original research reports and review articles, with the aim of furthering current progress in the field.

Guest Editor

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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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