Special Issue

Nanophotonics and Optoelectronic Devices

Message from the Guest Editors

The nanophotonics and related devices are an fast growing field, which cover a lot of interactions between photon and other excitations within micro or nanoscale structures, give many interesting and novel physics and materials for application in broad and varied fields relating to the applications in Information, Energy, Sensing, Biotechnology and space exploration and/or their interdisciplinary fields. This Special Issue, entitled "Nanophotonic and Optoelectronic Devices", aims to publish the novel advances in this field, which contain review, and research articles.

Guest Editors

Prof. Dr. Bingsuo Zou

Prof. Dr. Zhiyuan Li

Prof. Dr. Juan Liu

Prof. Dr. Liang Li

Deadline for manuscript submissions

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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.

Editor-in-Chief

Prof. Dr. Eugenia Valsami-Jones
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