



Nanophotonics and Optoelectronic Devices

Guest Editors:

Prof. Dr. Bingsuo Zou

Prof. Dr. Zhiyuan Li

Prof. Dr. Juan Liu

Prof. Dr. Liang Li

Deadline for manuscript
submissions:

closed (31 August 2022)

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.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Shirley Chiang

Department of Physics, University
of California Davis, One Shields
Avenue, Davis, CA 95616-5270,
USA

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q2 (*Chemistry, Multidisciplinary*) / CiteScore - Q1 (General Chemical Engineering)

Contact Us

Nanomaterials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/nanomaterials
nanomaterials@mdpi.com
[X@nano_mdpi](https://x.com/nano_mdpi)