Special Issue

State-of-the-Art Nanophotonic and Optical Nanomaterials in China

Message from the Guest Editors

Recent years have witnessed rapid processes on the promising field of nanophotonics and nanooptics, which relies on photonic science and technology to investigate light/matter interactions on the nanoscale. To date, a large variety of platforms based on nanocomposites and nanomaterials, nanostructured surfaces have been used to demonstrate unique and useful properties that go beyond what is possible with conventional photonics and electronics.

This Special Issue aims to provide a comprehensive overview of state-of-the-art nanophotonic and optical nanomaterials in China, and to stimulate new interest in this field. You are invited to contribute your original research articles or systematic topical reviews on the latest scientific and technological advances in the nanophotonics and nanooptics field. Topics covered in this collection include but are not limited to nanoplasmonics, metal optics, thin film optics, near-field optics, integrated photonics, metamaterials, nanochemistry, nanobiotechnology, and nanospectroscopy.

Guest Editors

Prof. Dr. Heping Zeng

State Key Laboratory of Precision Spectroscopy, East China Normal University, Shanghai, China

Dr. Kun Huang

State Key Laboratory of Precision Spectroscopy, East China Normal University, Shanghai, China

Deadline for manuscript submissions

closed (31 May 2022)

Nanomaterials

an Open Access Journal by MDPI

Impact Factor 4.3
CiteScore 9.2
Indexed in PubMed

mdpi.com/si/64222

Nanomaterials
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
nanomaterials@mdpi.com

mdpi.com/journal/nanomaterials

Nanomaterials

an Open Access Journal by MDPI

Impact Factor 4.3
CiteScore 9.2
Indexed in PubMed

mdpi.com/journal/nanomaterials

MDPI

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
School of Geography, Earth and Environmental Science, University of Birmingham, Birmingham B15 2TT, UK

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 (Physics, Applied) / CiteScore - Q1 (General Chemical Engineering)