

Special Issue

Intelligent Nanophotonics

Message from the Guest Editor

The area of Artificial Intelligence-based nanophotonics has drawn increasing attention and developed rapidly in recent years. The use of Artificial Intelligence enables the design of new and promising optical devices with significantly improved performances and greater opportunities for use. This Special Issue will offer a comprehensive selection of recent studies, and we invite researchers involved in nanophotonics research to contribute original research papers or review articles to this Special Issue. *Nanomaterials* is an international, open access journal published semimonthly online by MDPI. Highly visible and offering rapid publication, this journal offers the following benefits:

- Open Access - free and unlimited access for readers;
- Indexed with high visibility by the Science Citation Index Expanded (Web of Science), Scopus, Chemical Abstracts, Inspec, and Polymer Library; citations are available in PubMed, and full texts are archived in PubMed Central;
- Rapid publication manuscripts are peer-reviewed, and a first decision is provided to authors approximately 11.7 days after submission; acceptance to publication is undertaken in 2.6 days.

Guest Editor

Dr. Guangyuan Si

Melbourne Centre for Nanofabrication, Victorian Node of the Australian National Fabrication Facility, Clayton, VIC 3168, Australia

Deadline for manuscript submissions

closed (20 May 2024)



Nanomaterials

an Open Access Journal
by MDPI

Impact Factor 4.3
CiteScore 9.2
Indexed in PubMed



mdpi.com/si/189665

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

[mdpi.com/journal/
nanomaterials](https://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](https://mdpi.com/journal/nanomaterials)



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, CAPIus / SciFinder, Inspec, and other databases.

Journal Rank:

JCR - Q2 (Physics, Applied) / CiteScore - Q1 (General
Chemical Engineering)