

Special Issue

State-of-the-Art Inorganic Materials and Metal-Organic Frameworks

Message from the Guest Editors

This Special Issue aims to provide a comprehensive overview of state-of-the-art inorganic materials and metal-organic frameworks in China. We invite research papers that will consolidate our understanding of inorganic materials and MOFs. The Special Issue will publish full research articles and systematic reviews. Potential topics include but are not limited to the following research areas:

- Composites, hybrid materials of inorganic materials and metal-organic frameworks;
- Nanoparticles and metal-organic frameworks;
- Metal-organic framework-derived inorganic materials;
- Catalysis of inorganic materials and metal-organic frameworks;
- Magnetic phenomena of inorganic materials and metal-organic frameworks;
- Optical properties of inorganic materials and metal-organic frameworks;
- Photocatalysis of inorganic materials and metal-organic frameworks;
- Electrocatalysis of inorganic materials and metal-organic frameworks;
- Sensing of inorganic materials and metal-organic frameworks;
- Water treatment of inorganic materials and metal-organic frameworks.

Guest Editors

Prof. Dr. Jianyong Zhang

School of Materials Science and Engineering, Sun Yat-Sen University, Guangzhou 510275, China

Prof. Dr. Jianying Shi

School of Chemistry, Sun Yat-Sen University, Guangzhou, China

Deadline for manuscript submissions

closed (31 August 2022)



Nanomaterials

an Open Access Journal
by MDPI

Impact Factor 4.3
CiteScore 9.2
Indexed in PubMed



mdpi.com/si/60075

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)