nanomaterials

IMPACT FACTOR 4.3

Indexed in: PubMed

CITESCORE 9.2

an Open Access Journal by MDPI

Prospects in Multifunctional Composites Based on Nanomaterials

Guest Editors:

Prof. Dr. Félix Zamora
1. Departamento de Química Inorgánica, Universidad Autónoma de Madrid, 28049 Madrid, Spain
2. Institute for Advanced Research in Chemical Sciences (IAdChem), Universidad Autónoma de Madrid, 28049 Madrid, Spain
3. Condensed Matter Physics Center (IFIMAC), Universidad Autónoma de Madrid, 28049 Madrid, Spain

Dr. David Rodríguez-San-Miguel
Departamento de Química Inorgánica, Universidad Autónoma de Madrid, Madrid, Spain

Deadline for manuscript submissions:
closed (31 October 2023)

Message from the Guest Editors

Dear Colleagues,

This Special Issue on *Nanomaterials* will collect high-quality and pioneer scientific works. Contributions from both academia and industry are welcome and expected to contribute to the generation of a synergy space. The aim is to provide the state of the art of composites based on nanomaterials with multifunctional properties.

The Special Issue will focus on different preparation methods as well as the characterization of advanced multifunctional composites. Additionally, properties and proof-of-concept applications will help to provide a landscape of the future of these novel materials.

The readers will find research works about some of the following topics:

- Synthesis of multifunctional composites using nanomaterials;
- Organic/inorganic multifunctional nanocomposites;
- Advanced preparation methods of composites;
- New characterization techniques for functional nanomaterials;
- Theoretical studies and modeling;
- Physical and chemical properties;
- Proof-of-concept experiments for potential applications.

We look forward to receiving your contributions.

nanomaterials

IMPACT FACTOR 4.3 | Indexed in: PubMed | CITESCORE 9.2

an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Eugenia Valsami-Jones
School of Geography, Earth and Environmental Science, University of Birmingham, Birmingham B15 2TT, UK

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 (Physics, Applied) / 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