

Special Issue

Novel Materials with Target Functionalities

Message from the Guest Editors

This Special Issue covers all types of materials with target functionalities (inorganic, organic, hybrid, thin films, artificial structures, nanocomposites, colloids) and welcomes papers addressing topics including but not limited to the following:

- Processing methods and technologies for novel materials with target functionalities;
- Structural and functional characterization studies;
- Theoretical models and simulations for materials' electronic structure and for phenomena observed in novel materials;
- Advanced applications of novel materials with target functionalities.

This Issue will include both reviews and original research papers that include theories and experiments on novel materials with target functionalities, on materials processing and characterization, and on all types of interactions and phenomena that explain materials' target functionalities. See more information at <https://mdpi.com/si/135215>. We look forward to receiving your contributions.

Guest Editors

Prof. Dr. Felicia Iacomì

Dr. Isabelle Berbezier

Dr. Daniel Moraru

Prof. Dr. Tetsuya Yamamoto

Deadline for manuscript submissions

closed (10 August 2024)



Nanomaterials

an Open Access Journal
by MDPI

Impact Factor 4.3
CiteScore 9.2
Indexed in PubMed



mdpi.com/si/135215

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. We are proud of our increasing impact factor and ability to provide rapid decisions to authors.

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)