Special Issue

Advanced Carbon Nanostructures: Synthesis, Properties and Applications

Message from the Guest Editors

This Special issue will focus on the synthesis, purification, sorting, functionalization, characterization, chemical and physical properties, application, theory, and modeling of carbon nanotubes, graphene, graphene nanoribbons, 2D heterostructures, fullerenes, nanodiamonds, and other novel carbon nanostructures. The issue is intended to provide a comprehensive overview of the recent and forthcoming progress in the field. It will help researchers to quickly find and identify related and relevant publications for their own work on carbon nanostructures. See more information in https://www.mdpi.com/si/52288 We invite interested authors to submit their original

We invite interested authors to submit their original experimental and theoretical papers as well as review articles themed within the subject for inclusion in this Special issue, which will boost the visibility of their work.



Nanomaterials

an Open Access Journal by MDPI

Impact Factor 4.3 CiteScore 9.2 Indexed in PubMed



mdpi.com/si/52288

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

mdpi.com/journal/ nanomaterials



- Dr. Christian Kramberger
- Dr. Alexander Chernov

Deadline for manuscript submissions closed (1 November 2022)





Nanomaterials

an Open Access Journal by MDPI

Impact Factor 4.3 CiteScore 9.2 Indexed in PubMed



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 nanometerscale 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)