Special Issue

Nanoscale Materials for Water Purification and Catalysis, Volume II

Message from the Guest Editors

The interdisciplinary character of nanotechnology has empowered diverse scientific partnerships in order to discover solutions to major contemporary problems. As water resources continue to be polluted, the need to conceive novel improved antipollution methods is becoming increasingly critical. In this Special Issue, recent trends will be introduced in a comprehensive presentation of the methods adopted for their synthesis, the broad spectrum of applications, and future developments. This Special Issue aims to present a collection of original and innovative papers (original research articles, short communications, and reviews) describing recent trends and developments in the synthesis and physicochemical characterization of nanomaterials or nanocomposites for adsorptive and/or (photo)catalytic environmental remediation applications.

Guest Editors

Dr. Michael Arkas

Prof. Dr. Ioannis Pashalidis

Dr. Dimitrios A. Giannakoudakis

Dr. Ioannis P. Anastopoulos

Deadline for manuscript submissions

closed (25 May 2024)

Nanomaterials

an Open Access Journal by MDPI

Impact Factor 4.3
CiteScore 9.2
Indexed in PubMed

mdpi.com/si/190633

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

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

MDPI

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, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank:

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