Special Issue

Recent Research on Nanoscale Catalyst Surfaces

Message from the Guest Editors

The development of nanoscience and technology has enabled researchers to precisely modulate the morphology, structure, and dimension of nanocatalysts. Nanocatalysis can considerably improve activity by increasing the exposed sites, constructing specific structures, and tuning the electronic properties to meet practical applications. The current Special Issue, entitled “Recent Research on Nanoscale Catalyst Surfaces”, aims to present the recent advances in topics including, but not limited to, nanocatalyst design, morphological and structural control, interfacial synergy, defect engineering, etc. We cordially invite you to contribute your cutting-edge work to this Special Issue. See more information at https://www.mdpi.com/si/171416

Guest Editors

Prof. Dr. Yong Xu

Guangzhou Key Laboratory of Low-Dimensional Materials and Energy Storage Devices, Collaborative Innovation Center of Advanced Energy Materials, School of Materials and Energy, Guangdong University of Technology, Guangzhou 510006, China

Prof. Dr. Shuxing Bai

College of Chemistry and Chemical Engineering, Qingdao University, Qingdao 266071, China

Deadline for manuscript submissions

closed (20 December 2023)

Nanomaterials

an Open Access Journal by MDPI

Impact Factor 4.3
CiteScore 9.2
Indexed in PubMed

mdpi.com/si/171416

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)