# Special Issue

# New Research into Porous Nanomaterials for Catalysis

## Message from the Guest Editor

Porous materials have particular advantages in fabricating highly active catalysts. In recent years, rapid progress has been made by researchers investigating porous nanomaterials for catalysis. Various porous materials have been prepared and used as catalysts. Examples of porous nanomaterials include metal–organic frameworks, covalent organic frameworks, porous organic polymers, inorganic porous materials etc. Porous materials have been applied to a variety of catalytic reactions. This Special Issue aims to collect papers on recent advances related to porous nanomaterials for various catalytic applications, ranging from organic reactions to electrocatalysis and photocatalysis. It focuses on the progress of porous nanomaterials with high catalytic activity in organic transformations, the photocatalytic degradation of organic pollutants, environmental remediation, and energy applications that manifest high activity, selectivity, and durability. Original research articles and reviews are welcome. We look forward to receiving your contributions.

## Guest Editor

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## Deadline for manuscript submissions

30 April 2026

**Nanomaterials**

an Open Access Journal by MDPI

Impact Factor 4.3
CiteScore 9.2
Indexed in PubMed

mdpi.com/si/233660

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## 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
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