Special Issue

Porous Materials as Efficient Catalysts: Synthesis, Characterization and Applications

Message from the Guest Editor

This Special Issue, entitled "Porous Materials as Efficient Catalysts: Synthesis, Characterization, and Applications", will concentrate on capturing advancements in the application of porous materials as catalyst materials in wide range of applications. Research findings aimed at the fundamental exploration of catalyst development—catalyst syntheses, characterizations and testing in laboratory/larger scales, catalyst deactivation, reaction mechanisms, kinetics investigations, catalytic reactors, experience in catalytic process operations involving porous materials—are of principal interest of this Special Issue. State-of-the-art reviews of these subjects are also welcome.

Guest Editor

Prof. Dr. Mohammad Mozahar Hossain

Department of Chemical Engineering, King Fahd University of Petroleum & Minerals, Dhahran 31261, Saudi Arabia

Deadline for manuscript submissions

closed (30 June 2025)



Catalysts

an Open Access Journal by MDPI

Impact Factor 4.0 CiteScore 7.6



mdpi.com/si/176163

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

mdpi.com/journal/catalysts





Catalysts

an Open Access Journal by MDPI

Impact Factor 4.0 CiteScore 7.6



About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Keith Hohn

Carl R. Ice College of Engineering, Kansas State University, Manhattan, KS, USA

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec, Ei Compendex, CAPlus / SciFinder, CAB Abstracts, and other databases.

Journal Rank:

JCR - Q2 (Chemistry, Physical) / CiteScore - Q1 (General Environmental Science)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.6 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).

