Special Issue

Heterogeneous Catalysis in Green Chemistry

Message from the Guest Editors

Sustainable development in the chemical industry is based on the recent interest to develop new processes that reduce energy consumption and minimize its environmental impact. Heterogeneous catalysts are the key tool towards Green Chemistry for the production of biofuels and chemicals, reducing the energy consumption and minimizing hazardous products by increasing the activity and selectivity of catalyst to produce chemicals from fossil or renewable raw materials. The development of new and more active and stable catalysts is essential for the implementation of the green chemistry. This Special Issue will focus on the technological aspects of application of heterogeneous catalysis to the sustainable development. The new developments in the design of heterogeneous catalysts for sustainable processes augur a new knowledge in "Heterogeneous Catalysis in Green Chemistry" that we hope to collect in this Special Issue.

Guest Editors

Dr. Jesús M. Requies

Prof. Dr. José Francisco Cambra Ibáñez

Dr. Victoria Laura Barrio Cagigal

Deadline for manuscript submissions

closed (10 March 2022)



Catalysts

an Open Access Journal by MDPI

Impact Factor 4.0 CiteScore 7.6



mdpi.com/si/34250

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).

