Special Issue

New Catalysts and Reactors for the Synthesis or Conversion of Methanol, 2nd Edition

Message from the Guest Editor

This issue is a continuation of the previous successful Special Issues "New Catalysts and Reactors for the Synthesis or Conversion of Methanol". The scientific community widely considers global warming a major challenge to our society. The main cause of this critical issue is the increase in CO2 concentrations in the atmosphere due to the massive use of fossil fuels, which has only grown in recent years. Methanol is a versatile matter used both for industrial purposes and for various day-to-day life activities. As it exhibits high effectiveness as an energy carrier, renewable methanol has been proposed by Nobel Prize winner G. Olah as a means to close the CO2 loop. Methanol can be environmentally synthesized from any feedstock, and its reforming reaction does not alter the net CO2 emissions to the atmosphere.

In this Special Issue entitled "New Catalysts and Reactors for the Synthesis or Conversion of Methanol, 2nd Edition", we welcome all kinds of works in the form of original research papers or short reviews that reflect the state-of-the-art of the research area dealing with methanol applications, based on new catalysts or reactors.

Guest Editor

Prof. Dr. Jaime Soler

Catalysis, Molecular Separations and Reactor Engineering Group (CREG), Aragon Institute for Engineering Research (I3A), University of Zaragoza, 50009 Zaragoza, Spain

Deadline for manuscript submissions

closed (31 December 2024)

Catalysts

an Open Access Journal by MDPI

Impact Factor 4.0
CiteScore 7.6

mdpi.com/si/188660

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

mdpi.com/journal/catalysts

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).

MDPI