Special Issue

Emissions Control Catalysis

Message from the Guest Editors

"Emissions Control Catalysis" in the frame of Environmental Catalysis is continuously growing up, providing novel multifunctional, nano-structured materials, promoted by several ways (i.e., surface or support induced promotion, electrochemical promotion, alloys, etc.) in order to be very active and selective for the abatement of a variety of pollutants and greenhouse gases, such as CO, NOx, N2O, NH3, CH4, higher hydrocarbons, Volatile Organic Compounds (VOCs) and particle matter (PM) as well as other specific pollutants emitted by industry (e.g., SOx, H2S, dioxins, aromatic hydrocarbons) or landfill and wastewater treatment plants (biogas). In many cases the concept of *Cyclic Economy* is concerned in emission control catalysis strategies for the production of useful chemicals and fuels from the controlled pollutants (e.g., CO2 hydrogenation, syngas production from biogas, etc.).

Guest Editors

Prof. Dr. Ioannis V. Yentekakis

Physical Chemistry and Chemical Processes Laboratory, School of Environmental Engineering, Technical University of Crete (TUC), 73100 Chania, Greece

Dr. Philippe Vernoux

Institut de Recherches sur la Catalyse et l'Environnement de Lyon, LyonTech-La Doua Campus, IRCELYON, 2 Avenue Albert Einstein, CEDEX, F-69626 Villeurbanne, France

Deadline for manuscript submissions

closed (31 March 2019)

Catalysts

an Open Access Journal by MDPI

Impact Factor 4.0
CiteScore 7.6

mdpi.com/si/13652

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

MDPI

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).