

Special Issue

Heterogeneous Catalysis and Advanced Oxidation Processes (AOP) for Environmental Protection (VOCs Oxidation, Air and Water Purification)

Message from the Guest Editor

Submissions to this Special Issue on “Heterogeneous Catalysis and Advanced Oxidation Processes (AOP) for Environmental Protection (VOCs Oxidation, Air and Water Purification)” are welcome in the form of original research papers, reviews or communications that highlight the state of research in the VOCs oxidation (catalytic oxidation, photocatalytic oxidation or photothermal catalytic oxidation); air purification; wastewater treatments (adsorption, membrane filtration, AOP, photocatalysis, Fenton and PhotoFenton, ozonation, etc.); development of new catalysts for environmental protection; correlation structure–activity of new catalysts applied for green solutions; new environmental friendly materials; characterization in “situ” of the oxidation processes; and supported and unsupported catalysts (metal oxide, MOF, zeolite, nanocatalyst, noble metal-based catalysts, mono and bimetallic catalysts, etc.) for environmental applications.

Guest Editor

Dr. Roberto Fiorenza

Department of Chemical Sciences, University of Catania, Viale A. Doria 6, 95125 Catania, Italy

Deadline for manuscript submissions

closed (31 December 2021)



Catalysts

an Open Access Journal
by MDPI

Impact Factor 4.0
CiteScore 7.6



mdpi.com/si/30107

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

[mdpi.com/journal/
catalysts](https://mdpi.com/journal/catalysts)





Catalysts

an Open Access Journal
by MDPI

Impact Factor 4.0
CiteScore 7.6



[mdpi.com/journal/
catalysts](https://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).