

Special Issue

Catalytic Wastewater Treatment

Message from the Guest Editors

An ample amount of wastewater is daily produced due to anthropogenic activities all around the world. As it is known, a variety of persistent pollutants are included in wastewater and it is very difficult to treat them with conventional wastewater treatment processes appropriately. Therefore, advanced oxidation processes (AOPs) are extensively studied and employed. As an AOP, catalytic wastewater treatment has gained much attention, since recalcitrant contaminants are effectively decomposed in wastewater by accelerating oxidation reactions with catalysts in the treatment processes. In the presence of catalysts, reactive species, which can readily attack and destroy recalcitrant contaminants, can be effectively generated in the processes. As a consequence, we will focus this Special Issue on the current stage of catalytic treatment technologies for effectively removing different persistent and emerging contaminants pollutants in wastewater, including PFAS.

Guest Editors

Dr. Changseok Han

Dr. Mallikarjuna N. Nadagouda

Dr. Abdulaziz Al Anazi

Deadline for manuscript submissions

closed (15 March 2025)



Catalysts

an Open Access Journal
by MDPI

Impact Factor 4.0
CiteScore 7.6



mdpi.com/si/218068

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).