

## Special Issue

# Catalysts in Chemical Oxidation/Advanced Oxidation Processes (AOP) for Water Purification and Recovery

### Message from the Guest Editors

Today, the entire world is facing drinking water scarcity owing to the contamination of groundwater and the discharge of untreated or partially treated industrial wastewater. As is known, some of the refractory organic pollutants or emerging contaminants found in water are difficult to degrade using conventional treatment techniques. To address this issue, the application of catalysts in chemical oxidation/advanced oxidation processes (AOPs), which have recently attracted substantial attention, provides a viable and effective option for attenuation due to the possibility of oxidizing a wide range of toxic or refractory organics. We welcome submissions to this Special Issue “Catalysts in Chemical Oxidation/Advanced Oxidation Processes (AOPs) for Water Purification and Recovery” in the form of original research papers, reviews, or communications that highlight promising recent research and novel trends in the application of catalysts in chemical oxidation/AOPs for water treatment and purification.

---

### Guest Editors

Prof. Dr. Hui Zhang

Dr. Yin Xu

Dr. Zhihong Ye

---

### Deadline for manuscript submissions

closed (30 October 2022)



## Catalysts

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.0  
CiteScore 7.6

---



[mdpi.com/si/98128](https://mdpi.com/si/98128)

*Catalysts*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[catalysts@mdpi.com](mailto: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).