

Special Issue

Recent Development of Heterogeneous Catalysts for Wastewater Treatment

Message from the Guest Editors

With the development of society, there has been an increase in the output of wastewater. Wastewater treatment has become a problem of worldwide concern. Due to the complicated components contained in the wastewater, such as microplastics, heavy metals, organic matter, ammonia nitrogen, sulfate and other pollutants, the treatment of wastewater is facing huge challenges. Heterogeneous catalysts are widely used in wastewater treatment, which can effectively remove kinds of pollutants in wastewater and improve the treatment efficiency. The scope encompasses various aspects, including the preparation, characterization, deactivation, regeneration, and application potential of catalysts for wastewater treatment. This special issue provides a platform for authors and readers to share their research findings, exchange ideas, and contribute to the advancement of this field, ultimately driving the development of wastewater treatment.

Guest Editors

Dr. Qunpeng Cheng

School of Chemical and Environmental Engineering, Wuhan Polytechnic University, Wuhan, China

Dr. Cuixia Liu

School of Energy & Environment, Zhongyuan University of Technology, Zhengzhou, China

Deadline for manuscript submissions

20 September 2025



Catalysts

an Open Access Journal
by MDPI

Impact Factor 4.0
CiteScore 7.6



mdpi.com/si/231409

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).