

Special Issue

Current State-of-the-Art of Catalysts for Energy and Environmental Applications

Message from the Guest Editors

This Special Issue of *Catalysts* is planned to present and discuss recent advances and developments in state-of-the-art catalysts for energy and environmental applications. Research articles, review articles, as well as short communications are warmly invited. Topics include but are not limited to the following:

- Electrocatalysis for energy application;
- Biomass conversion and biofuel production;
- Photocatalysis for water splitting, N₂ reduction, and CO₂ reduction;
- H₂ production, CO₂ conversion, gasification, Fischer-Tropsch synthesis;
- New materials for catalytic applications;
- Environmental catalysis;
- Wastewater treatment;
- Catalysis in green synthesis;
- Catalyst for emission control and air pollution control;
- In situ/operando characterization techniques for studying the catalyst;
- Single-atom catalysts;
- Computational catalysis.

Guest Editors

Dr. Qinghua Lai
Prof. Dr. Qingfeng Zhang
Dr. Run-Ping Ye

Deadline for manuscript submissions

closed (31 August 2022)



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

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Prof. Dr. Keith Hohn

Carl R. Ice College of Engineering, Kansas State University, Manhattan,
KS, USA

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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).