Special Issue

Electro/Photocatalyst for Degradation of Emerging Water Pollutants and Water Splitting

Message from the Guest Editors

Advances in, and the development of electro-photocatalysts have unlocked a new research direction of multifunctional catalysts designed for water splitting, electrocatalysis, pollutant degradation, and energy production. This Research Topic will gather the latest research work, which shows the synthesis and uses of Electro-photocatalysts for multipurpose applications (at least two or more applications). It is our pleasure to welcome all researchers to contribute their original research paper or review article for this Research Topic, which particularly welcomes articles on the following themes:

- Multifunctional electro-photocatalyst synthesis for pollutant degradation.
- Water splitting with the help of a designed multifunctional electro-photocatalyst.
- Degradation of multi-pollutants by Multifunctional electro-photocatalyst.
- Multifunctional electro-photocatalyst application in the perspective of energy and electrochemical field.

For more information, please scan the QR code. If you would like to submit papers to the special issue, please contact the editor, Mr. Ives Liu (ives.liu@mdpi.com).

Guest Editors

Dr. Tahir Muhmood

Jiangsu Co-Innovation Center of Efficient Processing and Utilization of Forest Resources, International Innovation Center for Forest Chemicals and Materials, College of Science, Nanjing Forestry University, Nanjing 210037, China

Prof. Dr. Xiaofei Yang

Center for Forest Chemicals and Materials, College of Science, Nanjing Forestry University, Nanjing 210037, China

Deadline for manuscript submissions

closed (31 August 2023)



Catalysts

an Open Access Journal by MDPI

Impact Factor 4.0 CiteScore 7.6



mdpi.com/si/138204

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

mdpi.com/journal/catalysts





Catalysts

an Open Access Journal by MDPI

Impact Factor 4.0 CiteScore 7.6



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).

