

Special Issue

Photo/Electrocatalysis for Wastewater Treatment

Message from the Guest Editors

Dear Researchers, This Special Issue is focused on the application of photoelectrocatalysis for the treatment of different wastewaters. Thus, recent research focused on photoelectrocatalysis which somehow enhances previous studies for the degradation of pollutants and which contributes to the future application of this technology is welcome to form part of this Special Issue. For instance, the submission of manuscripts related to the synthesis of new photocatalysts which defeat the performance of the typical TiO_2 , the set-up of new reactor configurations, the modification of the electrodes to ensure long and efficacious treatments, the evaluation of the process with real wastewaters, the scale-up of the process, etc. is encouraged. We hope you find the subject of this Special Issue to be of interest, and encourage you to submit research papers related to the following keywords. Wastewater pollutant degradation Photocatalysis coupled to electrolysis Catalysts synthesis Electrodes characterization Advanced Oxidation Processes Reactor set-up Real applications

Guest Editors

Dr. Aida M. Diez

Nanochemistry research group, International Iberian Nanotechnology Laboratory (INL), Avda. Mestre José Veiga s/n, 4715-330, Braga, Portugal

Dr. Vitor J. P. Vilar

Associate Laboratory LSRE-LCM (Laboratory of Separation and Reaction Engineering - Laboratory of Catalysis and Materials), Faculty of Engineering University of Porto, R. Dr. Roberto Frias s/n, 4200-465 Porto, Portugal

Deadline for manuscript submissions

closed (10 July 2022)



Catalysts

an Open Access Journal
by MDPI

Impact Factor 4.0
CiteScore 7.6



mdpi.com/si/55144

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).