

## Special Issue

# Photocatalysis and Environment

### Message from the Guest Editors

A large number of studies have appeared that are devoted to the issue of the photocatalytic activity of TiO<sub>2</sub> suspensions. Many other materials were used for pollutant degradation and/or microbial inactivation in water and air. During the last decade, attention has been drawn towards the design, synthesis and characterization of visible/solar light active catalysts. This allows the use of low-cost illumination sources and the exploitation of the lavish solar energy. The use of sunlight allows the design of low-cost solutions for water treatment, especially in the least developed countries (LDCs). We invite authors to contribute original research articles as well as review articles that seek to address the mechanisms and significance of photocatalytic materials for environmental remediation. Particular interest will be given to papers exploring the preparation and engineering of innovative photocatalysts. In particular, the topics of interest include but are not limited to:

- Antimicrobial photocatalysts,
- Photocatalytic coatings,
- Indoor air quality,
- Photocatalysis for VOC removal,
- Water/wastewater treatment under solar light.

### Guest Editors

Dr. Sami Rtimi

Dr. Daria Camilla Boffito

Dr. Aymen Amine Assadi

### Deadline for manuscript submissions

closed (20 November 2021)



## Catalysts

an Open Access Journal  
by MDPI

Impact Factor 4.0  
CiteScore 7.6



[mdpi.com/si/25589](https://mdpi.com/si/25589)

*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).