

## Special Issue

# Novel Nanocatalysts for Sustainable and Green Chemistry

### Message from the Guest Editor

We aim to showcase cutting-edge research at the intersection of nanotechnology and environmentally friendly chemistry. As the , I recognize the indispensable role that nanocatalysts play in advancing sustainable practices within chemical processes. This Special Issue provides a unique platform for researchers to disseminate their pioneering findings, methodologies, and advancements in the design and application of novel nanocatalysts, with a dedicated emphasis on promoting green and sustainable chemistry. Topics of interest include, but are not limited to, the following: - The synthesis and characterization of new nanocatalysts; - Catalytic processes for green and sustainable chemistry; - The environmental impact and life cycle analysis of nanocatalysts; - The integration of nanotechnology in industrial processes for eco-friendly production. Contributions from diverse perspectives and research backgrounds are highly encouraged to foster a comprehensive understanding of this crucial field. Join us in shaping the future of sustainable chemistry by submitting your latest research to this Special Issue.

### Guest Editor

Dr. Elisabete C.B.A. Alegria

Departamento de Engenharia Química, Instituto Superior de Engenharia de Lisboa, Instituto Politécnico de Lisboa, 1959-007 Lisboa, Portugal

### Deadline for manuscript submissions

closed (20 March 2025)



## Catalysts

an Open Access Journal  
by MDPI

Impact Factor 4.0  
CiteScore 7.6



[mdpi.com/si/194299](https://mdpi.com/si/194299)

*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).