

## Special Issue

# Hollow and Porous Micro-/Nanostructured Materials in Catalysis

### Message from the Guest Editors

In recent years, we have witnessed increased interest in advanced materials for catalysis. This interdisciplinary field has been regarded as the key enabling approach to accelerate developments in energy and materials sciences. Hollow micro-/nanostructured materials, such as yolk-shelled structure and hollow multi-shelled structure materials, possess attractive properties such as high specific surface area, low density, high loading capacity, and sequential matter transfer and storage, which endow them with potential applications in the field of catalysis. In recognition of the trends and frontiers of hollow micro-/nanostructured materials for catalysis, a themed issue “**Hollow Micro-/Nanostructured Materials in Catalysis**” is planned for *Catalysts*. This web theme focuses on summarizing current achievements, future perspectives and latest scientific research results in the exciting and active research field of hollow micro-/nanostructured materials for efficient catalytic conversion. Based on the recent development in this field, we would be able to apply rational methodologies for fine control of the hollow structural characteristics of catalytic-related materials.

### Guest Editors

Dr. Jian Qi

State Key Laboratory of Biochemical Engineering, Institute of Process Engineering, Chinese Academy of Sciences, Beijing 100190, China

Dr. Kun Zhao

Department of Environmental Science and Engineering, North China Electric Power University, Baoding 071003, China

### Deadline for manuscript submissions

closed (31 March 2024)



## Catalysts

an Open Access Journal  
by MDPI

Impact Factor 4.0  
CiteScore 7.6



[mdpi.com/si/133716](https://mdpi.com/si/133716)

*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 15.9 days after submission; acceptance to publication is undertaken in 3.5 days (median values for papers published in this journal in the second half of 2025).