

## Special Issue

# Catalysis for Energy Production

### Message from the Guest Editors

The design and engineering of active catalysts is the enabling key that facilitates such molecular chemical transformations, as those discussed above, towards the desired product (selectivity) for long duration on stream (stability). In some catalytic reactions in situ product removal would allow these reactions to proceed beyond equilibrium. Such a process integration can lead to an ultimate sustainable technology less energy-intensive with much less production of waste. This Special Issue of *Catalysts* aspires to put together and discuss the current progress and trends in this field.

### Guest Editors

Prof. Dr. Kyriaki Polychronopoulou

Department of Mechanical Engineering, Khalifa University of Science and Technology, P.O. Box 127788, Abu Dhabi, United Arab Emirates

Prof. Dr. Maria A. Goula

Department of Chemical Engineering, School of Engineering, University of Western Macedonia (UOWM), Active Urban Planning Zone (ZEP), 50100 Kozani, Greece

### Deadline for manuscript submissions

closed (15 December 2020)



## Catalysts

an Open Access Journal  
by MDPI

Impact Factor 4.0  
CiteScore 7.6



[mdpi.com/si/16958](https://mdpi.com/si/16958)

*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).