

# Special Issue

## Catalytic Oxidation of Methane

### Message from the Guest Editor

This special issue will focus on the science and engineering of development of low-temperature catalysts (below 350 °C) for catalytic combustion of methane to carbon dioxide and water. Contributions on research and development in the following areas are welcome: (a) Development of low-temperature catalysts and processes for methane combustion. (b) Kinetics and mechanism of catalytic combustion of methane at low temperatures. (c) Processes/methods to stop or minimize catalyst deactivation and sintering. (d) Identification of surface species before/during/after catalytic combustion by XPS and other surface techniques.

---

### Guest Editor

Prof. Dr. Anil Banerjee

Department of Chemistry, Columbus State University, Columbus, GA 31909, USA

---

### Deadline for manuscript submissions

closed (30 November 2018)



## Catalysts

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.0  
CiteScore 7.6



[mdpi.com/si/11829](https://mdpi.com/si/11829)

*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).