

## Special Issue

# Heavy Oil In Situ Upgrading and Catalysis

### Message from the Guest Editors

Understanding the conversion behaviors of heavy oil in various environments as well as reservoir conditions, and the conversion direction of specific compounds and their groups from oil composition such as resin and asphaltene components, is necessary for the design of modern production, transportation, and refinery technologies of heavy oils.

### Guest Editors

Dr. Alexey V. Vakhin

Institute of Geology and Petroleum Technologies, Kazan Federal University, 18 Kremlyovskaya St., P.O. Box 420008, Kazan, Russia

Dr. Anton Lvovich Maksimov

1. Faculty of Chemistry, Moscow State University, Moscow, Russia  
2. A.V. Topchiev Institute of Petrochemical Synthesis, Russian Academy of Sciences, Moscow, Russia

### Deadline for manuscript submissions

closed (31 December 2021)



## Catalysts

an Open Access Journal  
by MDPI

Impact Factor 4.0  
CiteScore 7.6



[mdpi.com/si/22427](https://mdpi.com/si/22427)

*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).