

# Special Issue

## Advances in Catalytic Kinetics

### Message from the Guest Editors

The current Special Issue will be focused on advances in catalytic kinetics, extending beyond the models typically employed in contemporary chemical reaction engineering.

Prof.

### Keywords

- catalysis
- kinetic modeling
- cluster size effects
- single atoms
- reaction engineering

---

### Guest Editors

Prof. Dr. Dmitry Yu. Murzin

Johan Gadolin Process Chemistry Centre, Faculty of Science and Engineering, Åbo Akademi University, 20500 Turku, Finland

Prof. Dr. Philippe M. Heynderickx

1. Center for Environmental and Energy Research (CEER) – Engineering of Materials via Catalysis and Characterization, Ghent University Global Campus, 119-5 Songdomunhwa-Ro, Yeonsu-Gu, Incheon 406-840, Republic of Korea

2. Department of Green Chemistry and Technology, Faculty of Bioscience Engineering, Ghent University, 653 Coupure Links, B-9000 Ghent, Belgium

---

### Deadline for manuscript submissions

25 October 2025



# ChemEngineering

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.4  
CiteScore 4.9



[mdpi.com/si/169188](https://mdpi.com/si/169188)

*ChemEngineering*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[chemengineering@mdpi.com](mailto:chemengineering@mdpi.com)

[mdpi.com/journal/  
ChemEngineering](https://mdpi.com/journal/ChemEngineering)





# ChemEngineering

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.4  
CiteScore 4.9



[mdpi.com/journal/  
ChemEngineering](https://mdpi.com/journal/ChemEngineering)



## About the Journal

### Message from the Editor-in-Chief

---

#### Editor-in-Chief

Prof. Dr. Mario J. Muñoz Batista

Department of Chemical Engineering, Faculty of Sciences, University of Granada, Avda. Fuentenueva, s/n, 18071 Granada, Spain

---

#### Author Benefits

##### High Visibility:

indexed within Scopus, ESCI (Web of Science), Inspec, CAPlus / SciFinder, and other databases.

##### Journal Rank:

JCR - Q2 (Engineering, Chemical) / CiteScore - Q1 (General Engineering )

##### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 29.6 days after submission; acceptance to publication is undertaken in 5.7 days (median values for papers published in this journal in the first half of 2025).