

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 2.8
CiteScore 4.0



mdpi.com/si/169188

ChemEngineering
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
chemengineering@mdpi.com

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





ChemEngineering

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 4.0



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



About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Alirio E. Rodrigues

Laboratory of Separation and Reaction Engineering - Laboratory of Catalysis and Materials (LSRE-LCM), Department of Chemical Engineering, Faculty of Engineering, University of Porto, 4200-465 Porto, Portugal

Author Benefits

High Visibility:

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

Journal Rank:

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

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 32.8 days after submission; acceptance to publication is undertaken in 6.1 days (median values for papers published in this journal in the second half of 2024).