



an Open Access Journal by MDPI

## Advances in Catalytic Kinetics

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

### Message from the Guest Editors

Dear Colleagues,

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

Prof. Dr. Dmitry Yu. Murzin  
Prof. Dr. Philippe M. Heynderickx  
*Guest Editors*

### Keywords

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

Deadline for manuscript  
submissions:

**20 October 2024**



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

# Special Issue