

## Special Issue

# Catalytic Valorization of Biomass

### Message from the Guest Editors

Circular economy and sustainability are receiving increased attention, especially in industrial production. An example of sustainable economy is the recovery of residual biomasses generated by agricultural or industrial activity, following the concept “from-cradle-to-cradle”, with the aim of obtaining value-added chemicals also through catalytic processes. In this Special Issue, we invite you to submit original research papers on potential topics including (but not limited to): (i) characterization of biomass for the production of value-added chemicals; (ii) biomass conversion to biofuels, fine chemicals, and chemical platforms; (iii) catalysis and catalysts; (iv) development of processes and plants; and (v) modelling and feasibility studies for biomass conversion.

### Guest Editors

Dr. Rosa Turco

1. Department of Chemical Sciences, University of Naples Federico II, 80126 Napoli, Italy
2. Institute for Polymers, Composites and Biomaterials, National Council of Research, Via Campi Flegrei 34, 80078 Pozzuoli, Italy

Prof. Dr. Riccardo Tesser

NICL—Department of Chemical Science, University of Naples Federico II, 80126 Naples, Italy

### Deadline for manuscript submissions

closed (31 March 2023)



## Catalysts

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.8  
CiteScore 6.8



[mdpi.com/si/129394](https://mdpi.com/si/129394)

*Catalysts*

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 3.8  
CiteScore 6.8



[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,  
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 12.9 days after  
submission; acceptance to publication is undertaken in 2.8  
days (median values for papers published in this journal in  
the first half of 2024).