

## Special Issue

# Catalysis for Production of Sustainable Fuels and Chemicals

### Message from the Guest Editor

We hope that the Special Issue will become a platform for the exchange of experiences and valuable research findings in the field of sustainable fuels and chemical production. This Special Issue is focused on the recent advances in catalyst preparation, characterization, and catalytic reactions for the production of fuels and chemicals from renewable feedstocks. Topics include but are not limited to:

- Fischer-Tropsch synthesis as a sustainable process for fuel and chemical production;
- Esterification and transesterification of renewable resources;
- Catalytic cracking of waste cooking oil, vegetable oils, and nonedible animal fats for biofuel production;
- Catalytic hydrogenation of vegetable oil;
- Fuels and chemicals and from bio-based feedstocks;
- Bioenergy as a renewable energy derived from biomass

---

### Guest Editor

Dr. Zahra Gholami

ORLEN UniCRE a.s, Areál Chempark 2838, Záluží 1, 436 70 Litvínov, Czech Republic

---

### Deadline for manuscript submissions

closed (25 January 2024)



## Processes

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.5



[mdpi.com/si/145691](https://mdpi.com/si/145691)

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

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





# Processes

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.5



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



## About the Journal

### Message from the Editor-in-Chief

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

---

### Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, Italy

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, AGRIS, and other databases.

#### Journal Rank:

CiteScore - Q2 (Chemical Engineering (miscellaneous))