



Catalysis for Production of Sustainable Fuels and Chemicals

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)

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





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

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

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.

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: JCR - Q2 (*Engineering, Chemical*) / CiteScore - Q2 (*Chemical Engineering (miscellaneous)*)

Contact Us

Processes Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/processes
processes@mdpi.com
[X@Processes_MDPI](https://twitter.com/Processes_MDPI)