



Catalysis for High-Value Chemicals and Sustainable Biofuels

Guest Editor:

Prof. Dr. Kai Yan

School of Environmental Science
and Engineering, Sun Yat-sen
University, Guangzhou 510275,
China

Deadline for manuscript
submissions:

closed (15 June 2022)

Message from the Guest Editor

This Special Issue “Catalysis for High-Value Chemicals and Sustainable Biofuels” invites contributions in the following areas:

- The recent progress in the catalytic conversion of real biomass waste or biomass-derived monomers or platform chemicals to value-added chemicals and biofuels with different catalysts (homogeneous and heterogeneous)
- The use of catalysis for the valorization of biomass chains with different routes (e.g., homogeneous and/or heterogeneous catalysis, photocatalysis, electrocatalysis)
- Studies related to catalytic reaction engineering, economy, and green processes or green chemical engineering are also encouraged





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: 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)