

Special Issue

Progress in Biorefinery of Lignocellulosic Biomass to Bio-Energies and Bio-Based Chemicals

Message from the Guest Editor

To date, the rapidly growing, worldwide environmental concerns and expeditiously dwindling fossil fuels have been attracting increasing attention. Lignocellulosic biomass is the most common abundant raw material for the biorefinery of renewables to value-added biofuels, functional materials, and biobased chemicals worldwide. Lignocellulosic biorefinery processes with lignocellulosic biomass can be performed in multiple steps, such as pretreatment, saccharification, fermentation, chemocatalysis, biocatalysis, and further downstream processing, to attain numerous valuable products. This Special Issue highlights the progress in the biorefinery of lignocellulosic biomass to bioenergies and bio-based chemicals.

Guest Editor

Prof. Dr. Yu-Cai He

School of Pharmacy & School of Biological and Food Engineering,
Changzhou University, Changzhou 213164, China

Deadline for manuscript submissions

closed (31 March 2025)



Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5



mdpi.com/si/97928

Processes
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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))