

Special Issue

Lignocellulosic Biomass Pretreatment and Conversion Processing Technology to Produce Functional Carbon Products

Message from the Guest Editors

The special issue will focus on publishing the original research works related to the Lignocellulosic Biomass Pretreatment and Conversion Processing Technology to Produce Functional Carbon Products. Experimental research for high-quality carbon product fabrication, process modeling and assessment for system evaluation, and reviewing works for the summary of the state of art research are all welcome. Topics of interest for this Special Issue include but are not limited to:

- Biomass-derived carbon for energy storage applications such as battery anodes and supercapacitors;
- Biomass-derived carbon for metallurgy applications;
- Biomass-derived carbon for catalysis and purification applications;
- Efficient biomass pretreatment/conversion technology for carbon production;
- Overall system analysis and evaluation of a biomass pretreatment/conversion technology with functional carbon as a major product or a coproduct.

Guest Editors

Dr. Tong Han

Dr. Ritambhara Gond

Dr. Xincheng Lu

Dr. Francesco Zimbardi

Deadline for manuscript submissions

closed (29 February 2024)



Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5



mdpi.com/si/137929

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))