

IMPACT FACTOR 3.0



an Open Access Journal by MDPI

Recent Biomass Upgrading and Conversion Technologies

Guest Editors:

Prof. Dr. Tae Hyun Kim

Department Materials Science and Chemical Engineering, Hanyang University, Ansan 15588, Gyeonggi-do, Republic of Korea

Prof. Dr. Chang Geun Yoo

Department of Chemical Engineering, State University of New York College of Environmental Science and Forestry, Syracuse, NY 13210, USA

Deadline for manuscript submissions:

closed (15 November 2021)

Message from the Guest Editors

Biomass has gained more attention as a promising feedstock in many industrial applications due to its sustainability and renewability. It can be transformed into alternative chemicals and fuels as well as value-added materials. Recently, diverse biomass upgrading strategies, including enhancing the process efficiency and utilizing the components into value-added products and energy, have been investigated to make biomass-derived products economically competitive.

This Special Issue will introduce but is not limited to recent advancements in biomass fractionation and conversion processes and the applications of individual components (e.g., cellulose, hemicellulose, lignin) as well as whole biomass. Review and research articles on biomass upgrading and conversion technology-related topics are welcome. If you would like to contribute a review paper, please contact one of the Editors to discuss the relevance of the topic before submitting the manuscript.











an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: CiteScore - Q1 (Control and Optimization)

Contact Us