Special Issue

Recent Biomass Upgrading and Conversion Technologies

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.

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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.

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