



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

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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.





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