



## High Value-Added Chemicals and Liquid Fuels from Biomass

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### Message from the Guest Editors

Dear Colleagues,

In recent decades, non-renewable fossil fuels have been consumed constantly, their uses causing severe environmental pollution and forcing us to develop and valorize green renewable sources. Biomass represents organic renewable sources, including wood waste, agricultural waste, municipal solid waste, manufacturing waste, and landfill gas, and it can be converted into high value-added chemicals and liquid fuels. Many new technologies are quickly being developed and applied for the production of fuels and chemicals from different types of biomass or wastes.

This Special Issue focuses on the valorization of organic solid wastes (mainly including waste tires, waste plastics, sewage sludge, algae, agriculture residues) into energy (hydrocarbon-rich liquid biofuel and gas biofuel) or high value-added materials (such as heteroatom-doped materials for electrochemistry utilization). We welcome original research on recent progress and new technologies in biomass conversion processes, from chemical catalysis to biocatalysis and bioprocessing.

Prof. Dr. Peigao Duan

*Guest Editor*





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## Message from the Editor-in-Chief

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