

Special Issue

Study on Biomass Conversion and Biorefinery

Message from the Guest Editors

Over the past decade, the rapid depletion of fossil fuels has significantly increased the demand for renewable biomass as alternatives for chemicals and fuels.

Biomass is the primary renewable carbon resource, and the production of fuels and chemicals from biomass is an environmentally benign and carbon-neutral process. Consequently, substantial research efforts have been dedicated to identifying efficient processes for biomass conversion and biorefinery. This Special Issue aims to publish outstanding papers selected from the topic "Biomass Conversion and Biorefinery". It will highlight recent developments in converting biomass and its derivatives into valuable chemicals and biofuels. We welcome manuscripts related to biomass conversion and biorefinery. Topics of interest include, but are not limited to, the following:

- Gasification, pyrolysis, and hydrothermal liquefaction of biomass;
- Catalytic conversion of biomass and derivatives into biofuels and high-value small molecules;
- Biomass fermentation.

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