



Hydrothermal Treatment in Biomass

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Message from the Guest Editor

As a sustainable and renewable resource, all types of biomass have great potential for conversion to biofuels and bioproducts. Preparing biomass for transformation to products requires initial treatment. Using environmentally friendly biomass treatments is important to global health. Hydrothermal treatment uses water as opposed to solvents that are volatile organic compounds, making the process biofriendly. Creating new hydrothermal treatments and optimizing these treatments for different kinds of biomass is essential for biomass use as a resource. This Special Issue will showcase the various means, mechanisms, and optimization of different biomass hydrothermal treatment.

Keywords

- biomass conversion technologies
- processing optimization
- environmental protection
- hydrothermal carbonization
- hydrothermal liquefaction
- biomass pretreatment
- fuel

