



Valorization of Lignocellulosic Biomass for Functional Materials

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Message from the Guest Editors

This Special Issue “Valorization of lignocellulosic biomass for functional materials” is aimed at collecting high-quality original research and review articles on topics including (but not limited to) the most recent approaches in biomass conversion of wood and non-wood materials into bioproducts.

Potential topics include, but are not limited to:

- Basic properties of biomass for bioproduct sources;
- The most recent and advanced biomass conversion technologies applicable to both woody and non-woody biomass;
- The effects of pretreatment variables on the properties of bioproducts;
- Principal mechanisms of biomass conversion;
- Utilization of biopolymers including structural and non-structural components for functional materials;
- Application of biorefinery concept of biomass conversion into bioproducts environmental impact and life cycle assessment of bioproducts;
- Socio-economical aspect assessment in the biomass conversion.

Deadline for manuscript
submissions:
closed (20 December 2023)





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Message from the Editor-in-Chief

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