

## Special Issue

# Advancements in Catalytic Conversion of Biomass into Biofuels and Chemicals

### Message from the Guest Editors

Numerous efforts have been devoted to using biomass as a feedstock for the production of bio-based materials, biochemicals, and biofuels that reduce greenhouse gas emissions and dependence on conventional fossil resources. Conversion strategies for the production of platform chemicals, building blocks, fine chemicals, and biofuels, include a wide range of processes, for example, chemical and mechanical pretreatment for improved carbohydrates production, fractionation of biomass into carbohydrates and lignin and their further conversions, microbial and enzymatic conversion of biomass into valuable products, direct catalytic conversion of biomass or its components into chemicals and fuels. The goal of this Special Issue is to publish both recent innovative research results as well as review papers in the area of bioenergy and value-added chemicals from various feedstock through chemical and/or biological catalytic processes. Review and research papers on advances in the applications of carbohydrates and lignin components derived from biomass are also of interest.

### Guest Editors

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### Deadline for manuscript submissions

closed (10 August 2020)



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### Message from the Editor-in-Chief

*Energies* is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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