Special Issue

Biomass Pretreatment and Characterization for Advanced Biofuels and Biochemicals Production

Message from the Guest Editors

This Special Issue aims to present and disseminate the most recent advances related to the strategy, method, mechanism and characterization technology for biomass pretreatment and conversion to high-value chemicals and fuels. Topics of interest for publication include, but are not limited to, the following:

- Novel strategies for efficient biomass pretreatment and conversion using chemical, physio-, mechanical-photic-, electric–chemical, biological methods, etc.
- Advanced catalytic technologies for conversion of biomass into chemicals and fuels.
- Advanced technologies for hydrogen production from biomass.
- Co-conversion of biomass with other organic wastes.
- Advanced characterization methods for qualitative and quantitative analysis of complicated biochemicals and biofuels in biomass pretreatment and conversion.

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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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