



Catalysts for the Production of Chemicals or Fuels from Lignocellulosic Biomass

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submissions:
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Message from the Guest Editors

Dear Colleagues,

Lignocellulosic biomass-based heterogeneous catalysts produced from biomass are receiving much attention from researchers, as biomass a renewable resource from plants mainly composed of polysaccharides (cellulose and hemicelluloses) and aromatic polymer (lignin). It can be better managed and utilized for various applications, such as in value-added chemicals and fuels. The extensive application of activated carbon from biomass in industrial processes, which is used as a catalyst's support, is due to its cost being lower than silica, activated alumina, and zeolites.

Biodegradable chemicals and biofuels have gained popularity worldwide because they are renewable and energy efficient, and are primarily made from crop waste and recycled resources. Biofuels are one of the best alternatives to conventional fossil fuels. They are highly biodegradable, have minimal toxicity, and have almost zero emissions of sulfates, aromatic compounds, and other chemical substances that are harmful to the environment.

Original papers on the above topics are welcome for submission.

