

Special Issue

Catalysis in Biofuel/Biomass Processing Technologies

Message from the Guest Editor

Rising concerns over global warming and climate change associated with fossil fuel use have led to the development of biofuels and biomass-derived products. Currently, biomass conversion technologies such as gasification and pyrolysis offer significant potential to produce biofuels and/or chemicals. In relation to this, superior catalysts characterized by high activity and selectivity are needed to further develop the conversion technologies of biomass into value-added products. This Special Issue welcomes both short review and original research papers on all aspects of homogeneous, heterogeneous, and enzymatic catalysis in biofuel production and biomass processing. Papers dealing with catalyst development, lifetime, and regeneration are especially welcomed.

Guest Editor

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