Special Issue

Catalysis in Biorefinery

Message from the Guest Editors

The use of biomass as a renewable feedstock, in the place of fossil resources, is significantly increasing for the production of chemicals, material, and bioenergy. However, biorefinery strategies have to fulfil specific innovative requirements which allow them to be sustainable. In this contest, (bio)catalysis could play a significant role for biomass conversion, since it promotes the development of eco-friendly and competitive production. The possibility to develop innovative/sustainable (bio)catalytic systems is also highly desired in order to easily shift systems on the industrial scale. This Special Issue aims to collect the most recent and innovative contributions for the development of effective (bio)catalysts and their integration with other systems (e.g., membranes, nanotube, sensors).

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Editor-in-Chief

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