

Special Issue

Recent Advances in Catalytic Sustainable Processes in Biorefineries

Message from the Guest Editors

Biomass is becoming increasingly important as a renewable feedstock for the production of biofuels, chemicals and energy, as a sustainable alternative to fossil resources. However, it is necessary to develop new technologies that allow the integrated transformation of lignocellulosic biomass, the main raw material, in biorefineries. In this context, catalysis must play a key role by making these processes more environmentally friendly and competitive. This Special Issue is aimed at covering novel and promising catalytic strategies for the conversion of biomass or biomass-derived products into valuable chemicals, including bio-based products and biofuels. Therefore, we encourage researchers, from academia and industry, to submit their most recent scientific work on this topic. These will contribute to the development and implementation of biorefineries, paving the way towards Bioeconomy.

Guest Editors

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Deadline for manuscript submissions

closed (15 November 2020)



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