Special Issue

Biomass and Waste Valorization: Design and Construction of Novel Biocatalysts for Industrial Processing

Message from the Guest Editor

The conversion of renewable biomasses into biofuels and chemicals represents a strategic way of reducing the use of fossil feedstock, contributing to a more sustainable society. Agroindustrial waste utilization processes do not involve resources destined for food consumption. In addition, waste utilization results in a reduction in its accumulation, with a consequent decrease in environmental impact and financial losses due to its disposal. In particular, the ligno-cellulosic component present in it can be used as a support for metals, metal oxides or other active species. The authors are invited to submit original innovative research articles on progress and perspectives related to the exploitation of residual biomasses and waste of different origins for the design of biocatalysts and their industrial applications.

Guest Editor

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