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Catalytic Transformation of Renewables (Olefin, Bio-sourced, etc.)—Series II

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Message from the Guest Editors

In recent decades, a wide variety of biomass-derived chemicals have emerged as key platform chemicals for the production of fine chemicals and **liquid/gas** fuels. Heterogeneous catalysts are the preferred option for most developed and proposed catalytic processes. A range of heterogeneous catalysts have been evaluated for effective biomass conversion, such as supported metal nanoparticles and mixed metal oxides and zeolites, where the control of particle size, porosity, and acid-basic and redox properties are crucial to providing active, stable, and selective heterogeneous catalysts. Moreover, the crucial roles of the solvent, choice of reactor design, and **chemical** processes for controlling activity, selectivity, and deactivation phenomena have been demonstrated.

We invite the scientific community to submit their contributions in the form of original research articles and review articles that could seek an excellent interaction between solid catalysts and their applications in biomass transformation on selected topics **including catalytic, photocatalytic, and electrocatalytic processes.**

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Special Issue