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Catalytic Biomass Upgrading

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

The global concerns about sustainability have drawn our attention to biomass, the only renewable and abundant source of carbon, as a replacement of fossil feedstocks for the chemical industry. Along with a shift in raw materials, an entire new set of conversion pathways, processes, and reaction media prompts the development and rational design of novel (often multifunctional) catalytic materials.

The aim of this Special Issue is to cover the most recent advances on the highly important and challenging field of the catalytic conversion of biomass. In particular, this Special Issue focuses on insights on selectivity, stability, and technological applicability, among others. Manuscripts that propose the use of greener methods (e.g., sustainable feeds) are especially welcome.

I invite you all to contribute your valuable research to this Special Issue.



