Special Issue

Catalytic Conversion of Biomass to Chemicals, 2nd Edition

Message from the Guest Editor

This Research Topic aims to highlight and collect the latest progress regarding novel nanostructured catalysts for the conversion of biomass and derivatives to valuable chemicals and biofuels. In this Special Issue, we welcome manuscripts related to the catalytic conversion of biomass and upgrading of bio-oil and model compounds. Topics of interest include but are not limited to the following:

- Hydrogenation/hydrogenolysis/hydrodeoxygenation of biomass and derivatives to biofuels and valuable chemicals;
- Catalytic oxidation of biomass and derivatives;
- Catalytic pyrolysis of biomass to bio-oil.

Guest Editor

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Deadline for manuscript submissions

closed (31 October 2025)

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