

Special Issue

Homogeneous Catalysis for Sustainable Energy: Fuels from Biomass

Message from the Guest Editors

This Special Issue highlights the pivotal role of homogeneous catalysis in transforming biomass into sustainable energy sources. As the demand for eco-friendly alternatives to fossil fuels intensifies, biomass offers a promising route due to its renewability and reduced environmental footprint. This issue explores various catalytic processes to optimize biomass conversion into valuable fuels. Topics include advancements in catalyst design, reaction mechanisms, and integration of homogeneous catalysts in biofuel production. The goal is to delve into the latest research and innovations that advance biomass utilization for a greener energy future.

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Deadline for manuscript submissions

closed (31 January 2025)



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