Special Issue

Recent Advances in Heterogeneous Catalysis for Low-Carbon Fuels

Message from the Guest Editors

At present, reducing carbon usage is the most popular way of addressing global warming and environmental issues. Low-level carbon or carbon-neutral energy replacing fossil fuel-based energy has been at the center of technological and industrial developments in the past few decades. The production of carbon-neutral fuels, for example, from biomass and/or carbon dioxide as sustainable energy, is highly desirable for the replacement of fossil fuel-based fuels to use the infrastructure developed so far, while effective heterogeneous catalysis can be used to efficiently convert biomass/carbon dioxide into desired green fuels to drive the progression of carbon-neutral fuel development. This Special Issue on “Recent Advances in Heterogeneous Catalysis for Low-Carbon Fuels” aims to showcase the most recent discoveries and significant developments in the production and utilization of fuels derived from renewable sources and captured carbon dioxide. All original research papers, short reviews, and case studies encompassing the subject lines are welcome for the submission.

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