Special Issue

Catalytic CO_2 Conversion

Message from the Guest Editors

Catalytic CO2 conversion is a promising route to reducing CO2 emission and providing valuable chemicals and fuels. However, the traditional CO2 conversion process usually suffers from high reaction temperature and large energy consumption. To achieve a carbon-neutral CO2 conversion process, it is necessary to drive CO2 conversion by using renewable energies such as solar energy, wind, and/or renewable hydrogen and electricity. Therefore, CO2 catalytic conversion including photocatalysis, electrocatalysis, and thermalcatalysis has attracted wide attention and will play a more important role in the near future. This Special Issue welcomes both review and original research articles on all aspects of catalytic CO2 conversion.

Guest Editors

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