Special Issue

CO_2 Catalytic Conversion and Utilization

Message from the Guest Editor

The growing threat of global climate change as well as ocean acidification has received increasing attention in recent years. To solve this problem, scientists all over the world have devoted many efforts to the catalytic conversion of CO2. Using thermocatalysis, electrocatalysis, and photocatalysis methods, various fuels and chemicals could be synthesized from CO2, which is vital for reducing emissions of greenhouse gases and neutralizing the negative impacts of CO2 emissions on the environment. In past years, a lot of progress has been achieved in the conventional CO2 catalytic conversion route. Additionally, new catalytic conversion routes have been proposed by researchers all over the world. Therefore, this Special Issue of *Catalysts* on CO2 catalytic conversion will publish papers on new research findings, including the novel CO2 catalytic conversion route, catalytic mechanisms for CO2 conversion, high performance catalysts in CO2 catalytic conversion, and so on.

Guest Editor

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