



CO₂ Catalytic Conversion and Utilization

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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.

