

## Special Issue

# Catalysts for CO<sub>2</sub> Conversions

### Message from the Guest Editor

Catalytic conversion of CO<sub>2</sub> emissions from fossil fuel utilization into value-added chemical feedstocks, such as methanol, formic acid, methyl esters, and carbon monoxide, represents an effective strategy for mitigating global greenhouse effects. The catalyst materials serve as the cornerstone of these transformation processes. For this reason, this Special Issue focuses on the research regarding catalysts used for CO<sub>2</sub> conversion. This research encompasses the following: rational design, synthesis, and comprehensive physicochemical characterization of catalysts; catalytic performance evaluation under optimized reaction conditions; catalytic mechanistic insights through catalytic reaction kinetic analysis; and reviews of the last advancements in CO<sub>2</sub> conversion catalysis. We look forward to your contributions.

### Guest Editor

Dr. Jiongliang Yuan

Department of Environmental Science and Engineering, Beijing  
University of Chemical Technology, Beijing 100029, China

### Deadline for manuscript submissions

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## Catalysts

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*Catalysts*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[catalysts@mdpi.com](mailto:catalysts@mdpi.com)

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