



Catalysts for CO₂ Utilization

Guest Editors:

Dr. Claudia Bizzarri

Institute of Organic Chemistry,
Karlsruhe Institute of Technology
(KIT), Fritz-Haber-Weg 6, 76131
Karlsruhe, Germany

Dr. Giulia Fiorani

Department of Molecular
Sciences and Nanosystems,
Università Ca' Foscari, Venezia
Via Torino 155, 30172 Venezia
Mestre, Italy

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Message from the Guest Editors

In carbon capture and utilization, CO₂ is considered a valuable feedstock for the production of value-added chemicals and fuels, providing an attractive solution to both climate change and energy resources shortage. In this Special Issue, we focus on the development of new catalysts that promote the chemical conversion of CO₂ into energy vectors, functional molecules, and useful materials. “Catalysts for CO₂ Utilization” will welcome any submissions dedicated to several possible approaches, including: direct carboxylation with CO₂, the use of carbon-neutral catalytic strategies such as photo- and electrocatalysis, and the development of catalytic systems active towards both reductive and non-reductive CO₂ transformations. We aim to provide a comprehensive picture of the vibrant, stimulating, and dynamic work on CO₂-based transformation.

