



CO₂, a Carbon Source for Chemicals and Fuels

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Message from the Guest Editors

Dear Colleagues,

Currently, the development of Carbon Capture and Utilization (CCU) Technologies plays a key role within the strategies for reducing CO₂ emissions, which aim to decelerate global warming. Therefore, the interest in processes that allow the transformation of CO₂ into fuels or added-value chemicals has been renewed or reinforced, since their real success and profitability rely on a high performance, including high selectivity and energy efficiency.

[...]

This Special Issue of *Reactions* principally focuses on catalytic approaches of chemical and electrochemical transformations of CO₂ into fuels and/or high-added value products. Therefore, the design, characterization and catalytic evaluation of new catalysts are included, as well as the use of advanced catalytic analysis by means of in-situ and/or operando approaches and kinetic studies. In addition, the use of catalytic devices, such structured and microstructured reactors or novel reactor designs for catalytic activity measurements during CO₂ transformation will also be considered.





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Message from the Editor-in-Chief

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