

Special Issue

Advances in CO₂ Capture and Conversion

Message from the Guest Editors

This Special Issue on “Advances in CO₂ Capture and Conversion” aims to cover recent advances in the development and application of CO₂ capture and conversion processes from a chemical reaction engineering point of view, and also address the main challenges that need to be overcome in order to bring this technology to the market. Potential topics include, but are not limited to:

- techno-economic analysis of CCUS processes and roadmaps for commercialization;
- experimental demonstration of novel catalytic reactors for chemical production;
- novel capture processes, including DAC;
- modeling of capture and conversion processes; and
- CO₂ reaction mechanisms.

Guest Editors

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