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DESCRIPTION

The *Journal of CO₂ Utilization* offers a single, multi-disciplinary, scholarly platform for the exchange of novel research in the field of CO₂ re-use for scientists and engineers in chemicals, fuels and materials.

The emphasis is on the dissemination of leading-edge research from basic science to the development of new processes, technologies and applications. This includes CO₂ as a feedstock in the chemical, energy and materials sectors, and utilization in general to help minimize environmental impact.

The *Journal of CO₂ Utilization* publishes original peer-reviewed research papers, reviews, and short communications, including experimental and theoretical work, and analytical models and simulations.

The coverage includes, but is not limited to: Materials for CO₂ activation and adsorption, Heterogeneous and homogeneous catalytic reactions involving CO₂ conversion to generate synthetic fuels, polymers, organic carbonates, and intermediate products. Supercritical CO₂ utilization in natural product extraction, catalysis and separation. Use of CO₂ as an oxidant. Electrochemical and photo-electrochemical conversion of CO₂. Photo-electrochemical, photo-thermal and photochemical conversion of CO₂. Biological conversion of CO₂. Integrated processes for CO₂ conversion and reduction.

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INTRODUCTION
The Journal of CO₂ Utilization offers a single, multi-disciplinary, scholarly platform for the exchange of novel research in the field of CO₂ re-use for scientists and engineers in chemicals, fuels and materials.

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This includes CO₂ as a feedstock in the chemical, energy and materials sectors, and utilization in general to help minimize environmental impact.

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