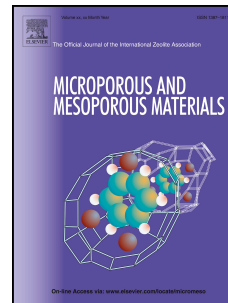


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## Graphical and textual abstract

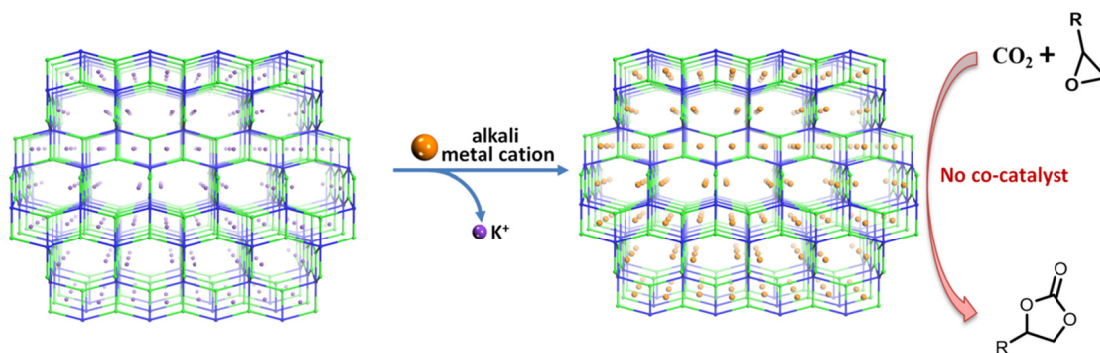
### The fixation of carbon dioxide with epoxides catalyzed by cation-exchanged metal-organic framework

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A series of M-UTSA-16 (M = Li, Na, K, Rb, Cs) possessing analogous structures with various alkali metals by cation-exchanged method exhibited efficiently catalytic performance for cycloaddition reaction from CO<sub>2</sub> and epoxides in the absence of co-catalyst.

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