

Enhancing the CO₂ chemisorption on lithium cuprate (Li₂CuO₂) at moderate temperatures and different pressure conditions by the alkaline nitrates addition

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Supporting Information

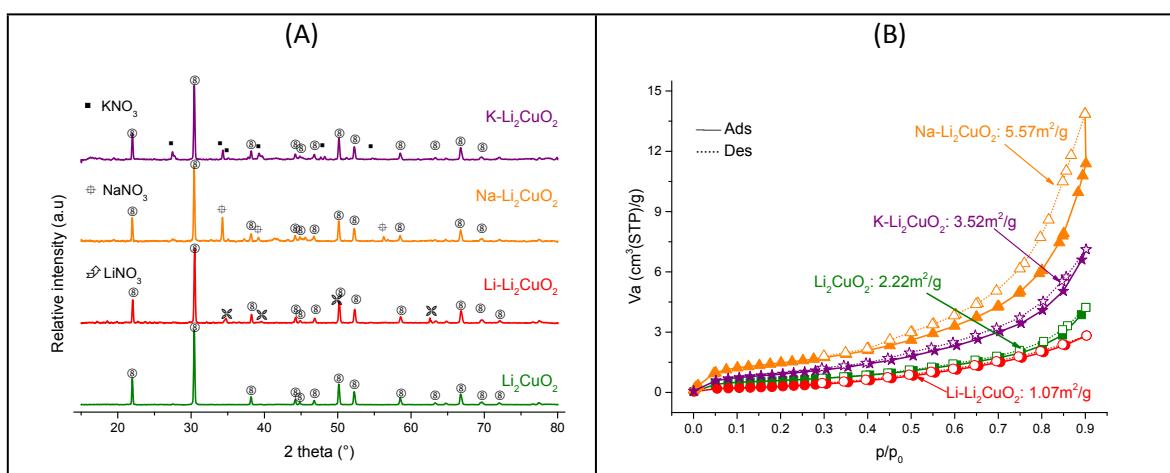


Figure S1. X-ray diffraction patterns (A) and N₂ adsorption-desorption isotherms (B) of the pristine Li₂CuO₂ and alkaline nitrate-containing samples.

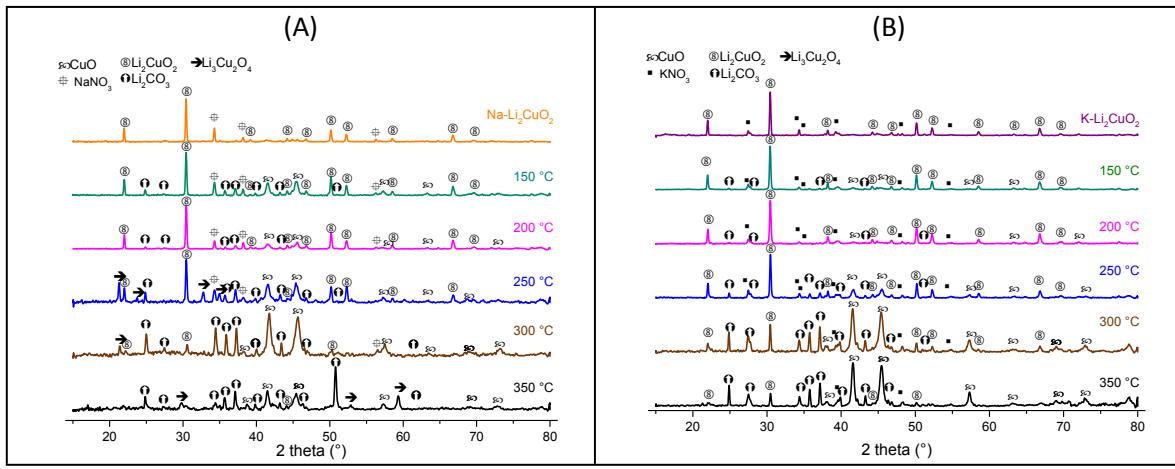


Figure S2. X-ray diffraction patterns of the Na-Li₂CuO₂ (A) and K-Li₂CuO₂ (B) samples and isothermal products after the corresponding CO₂ sorption processes.

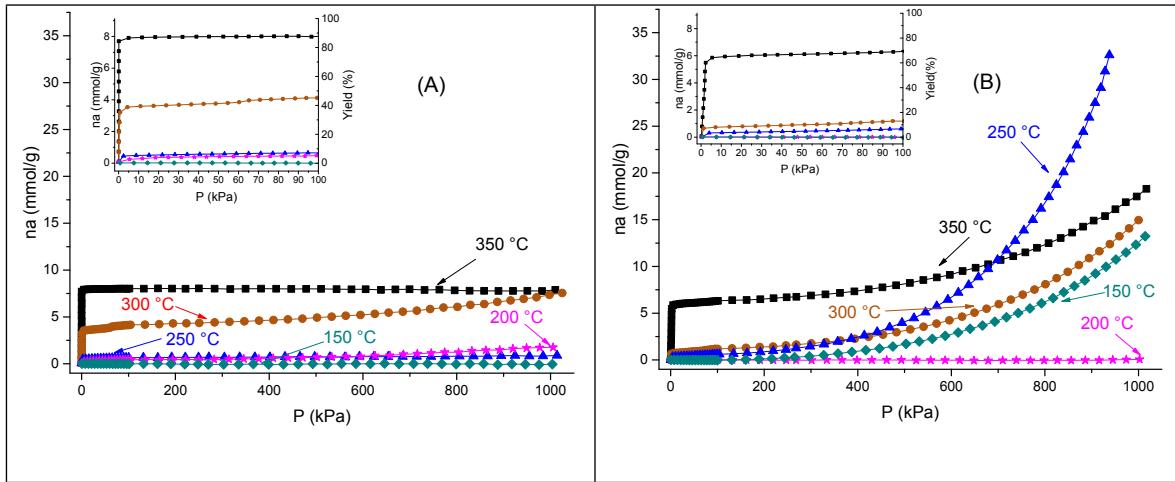


Figure S3. High-pressure CO₂ sorption isotherms on the Na-Li₂CuO₂ (A) and K-Li₂CuO₂ (B) samples at different temperatures. The square insets show the CO₂ sorption at the initial pressures.