

Supporting Information

Lithium cuprate, a multifunctional material for NO selective catalytic reduction by CO, with subsequent carbon oxides capture at moderate temperatures

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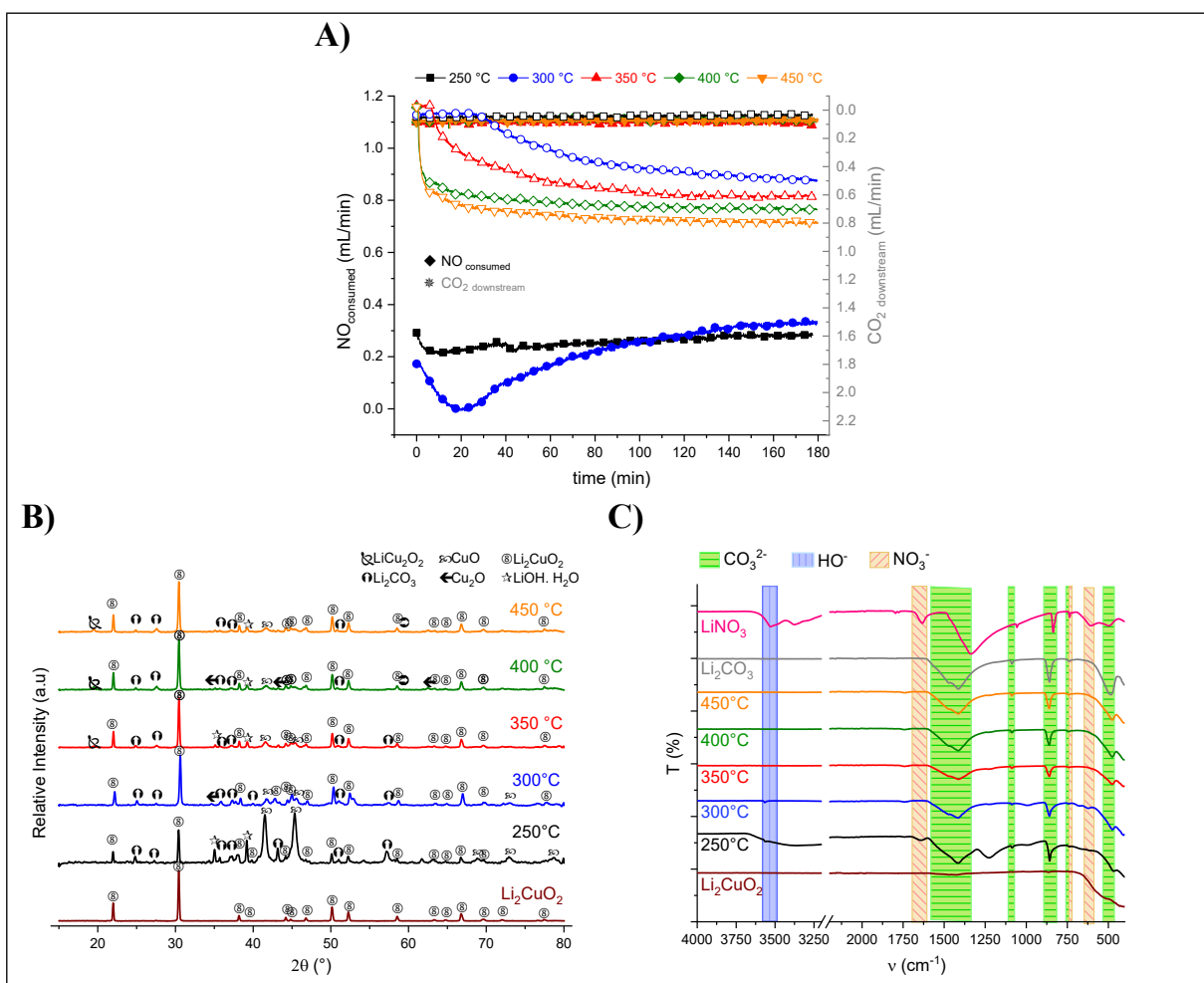


Figure S1. Evolution of NO consumption and CO₂ downstream obtained during the isothermal

processes for three hours (A), XRD patterns (B) and ATR-FTIR spectra (C) performed on Li_2CuO_2 at different temperatures. The $\text{NO}:\text{CO}$ ratio used for these isotherms was 1:2. The pristine Li_2CuO_2 pattern, Li_2CO_3 and LiNO_3 spectra are included for comparison purposes.

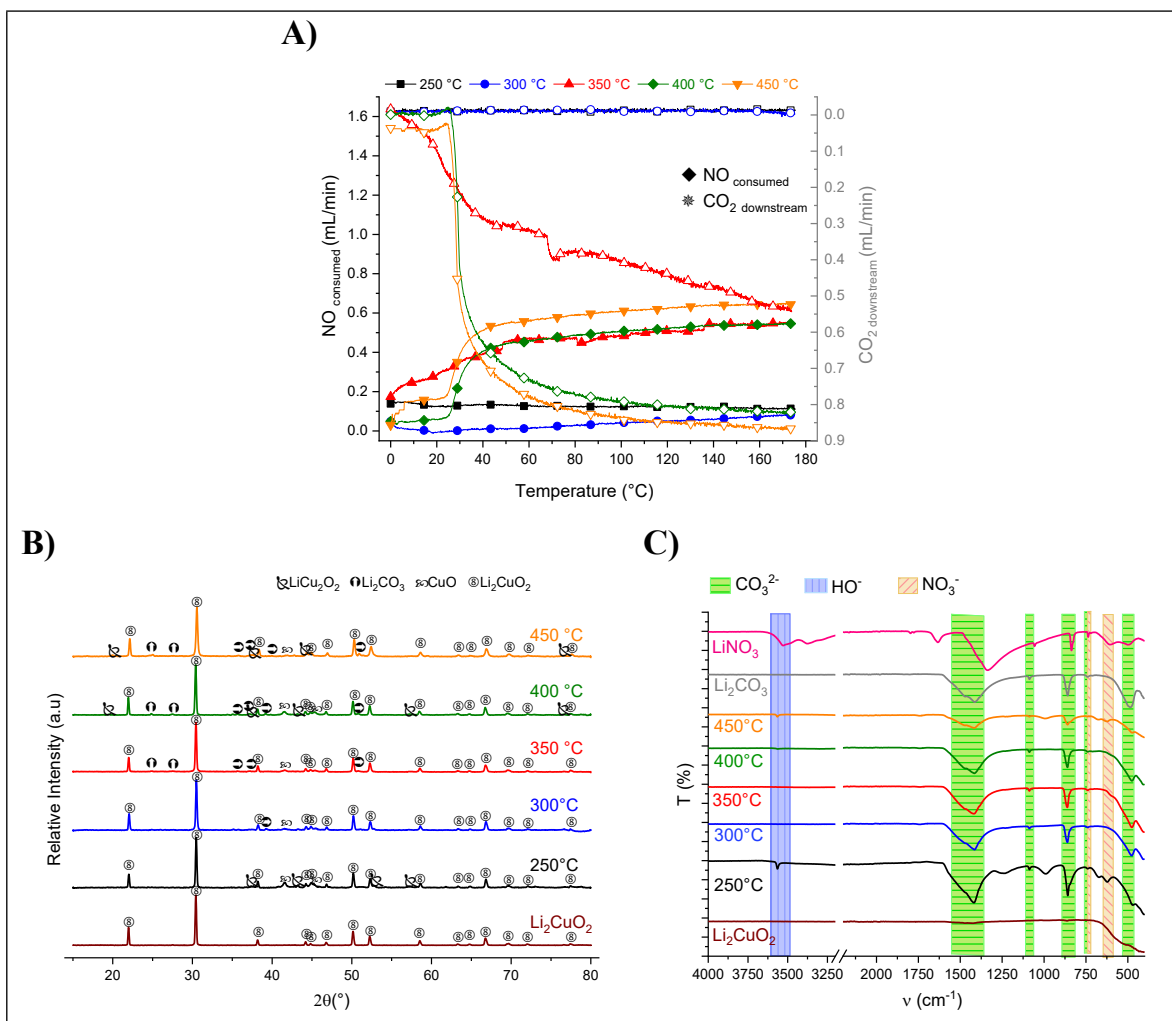


Figure S2. Evolution of NO consumption and CO_2 downstream obtained during the isothermal processes for three hours (A), XRD patterns (B) and ATR-FTIR spectra (C) performed on Li_2CuO_2 at different temperatures. The $\text{NO}:\text{CO}$ ratio used for these isotherms was 2:1. The pristine Li_2CuO_2 , pattern Li_2CO_3 and LiNO_3 spectra are included for comparison purposes.