

## ELECTRONIC SUPPLEMENTARY MATERIALS

for

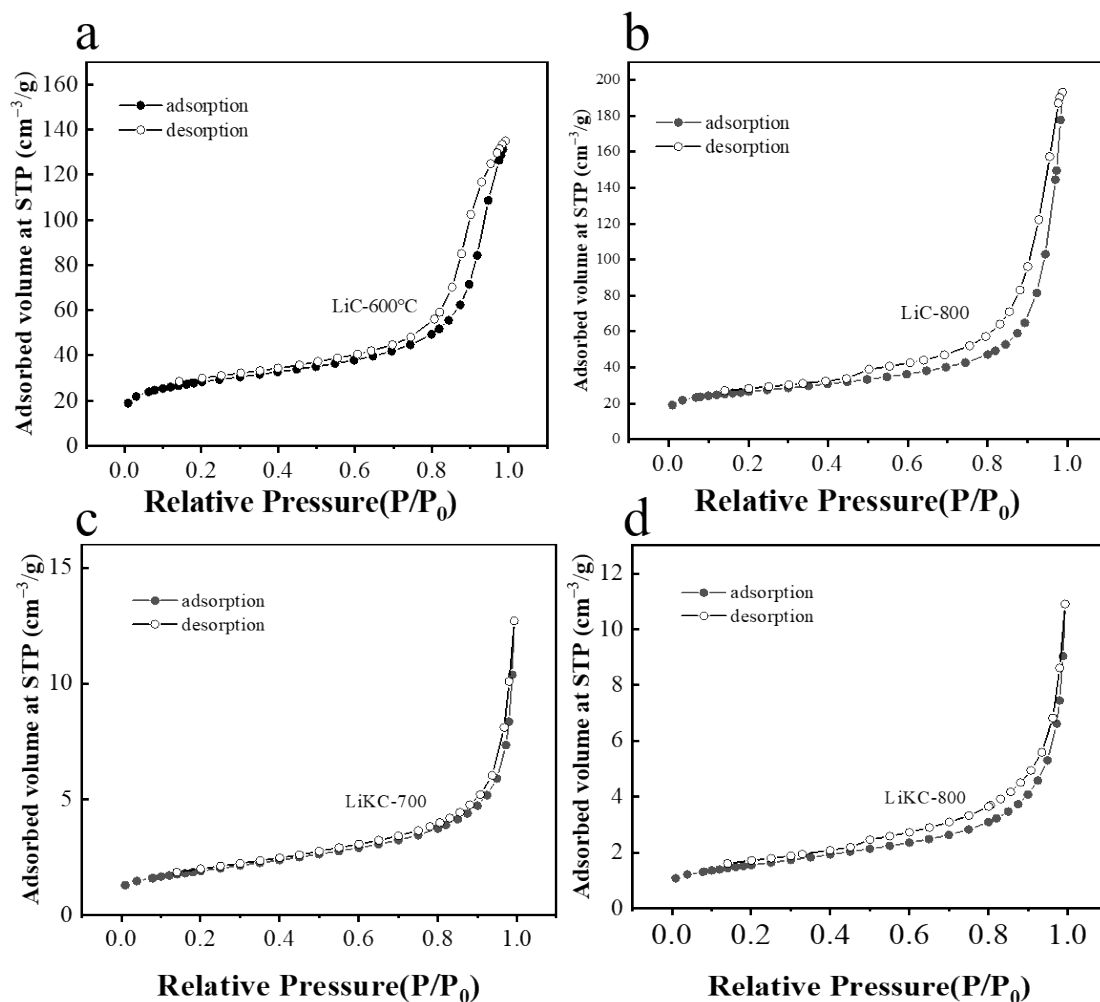
### Highly Efficient and Selective CO<sub>2</sub> Capture of Li<sub>2</sub>CO<sub>3</sub>- and (Li-K)<sub>2</sub>CO<sub>3</sub>-Based Porous Carbon Composites

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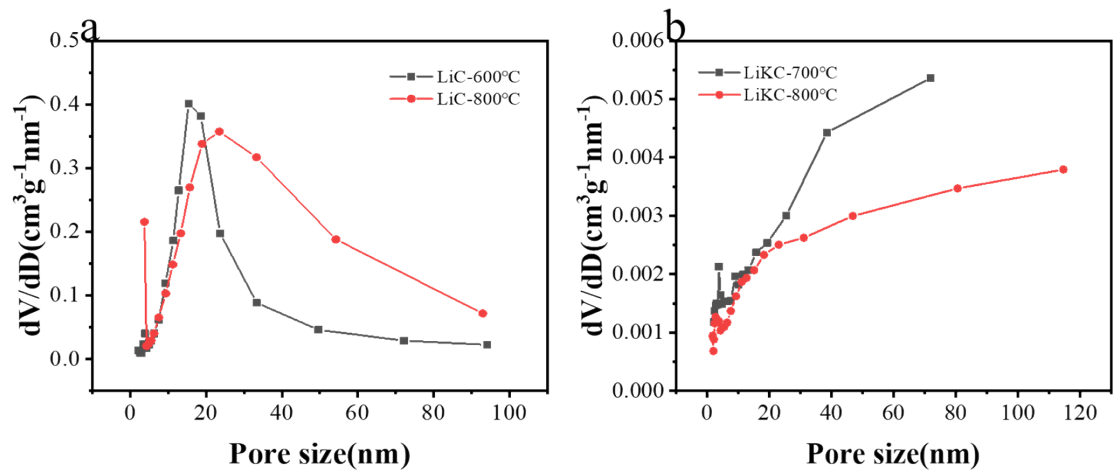
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**Fig. S1.** N<sub>2</sub> adsorption (filled symbols) and desorption (unfilled symbols) isotherms of LiC-600 °C (a), LiC-800 °C (b), LiKC-700 and LiKC-800.



**Fig. S2.** Pore size distributions of LiC (a) and LiKC (b)