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**Supporting Information** 

## Slag-based geopolymer microsphere-supported Cu: a low-cost and sustainable catalyst for CO<sub>2</sub> hydrogenation

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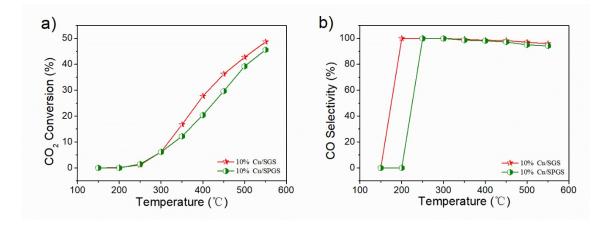


Fig. S1 (a)  $CO_2$  conversion and (b) CO selectivity of 10% SGS and 10% Cu/SPGS catalysts in the RWGS reaction. (reaction conditions: 0.1 MPa, 150–550 °C,  $H_2:CO_2=4:1$ , WHSV = 3600 mL·g<sup>-1</sup>·h<sup>-1</sup>).