

Supporting Information

Selective Electroreduction of CO₂ into CO over Ag and Cu Decorated Carbon Nanoflakes

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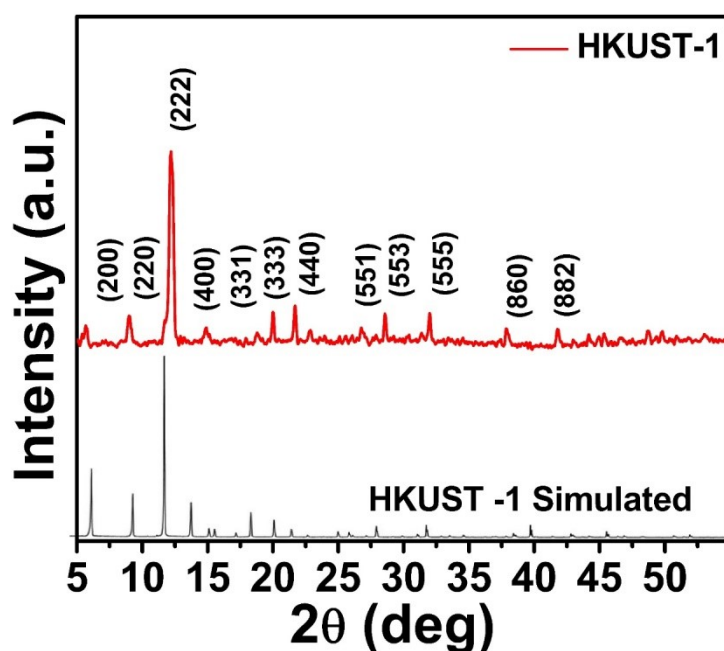


Figure S 1: XRD pattern of HKUST-1 along their simulated pattern

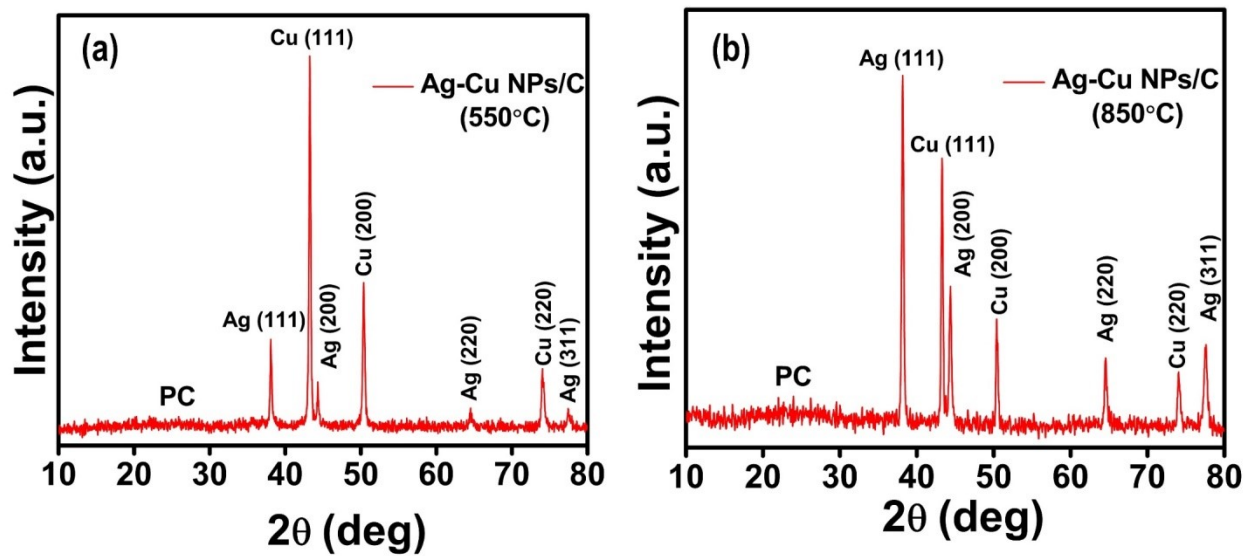


Figure S2: XRD of (a) Ag-Cu NPs/C (550°C) (b) Ag-Cu NPs/C (850 °C)

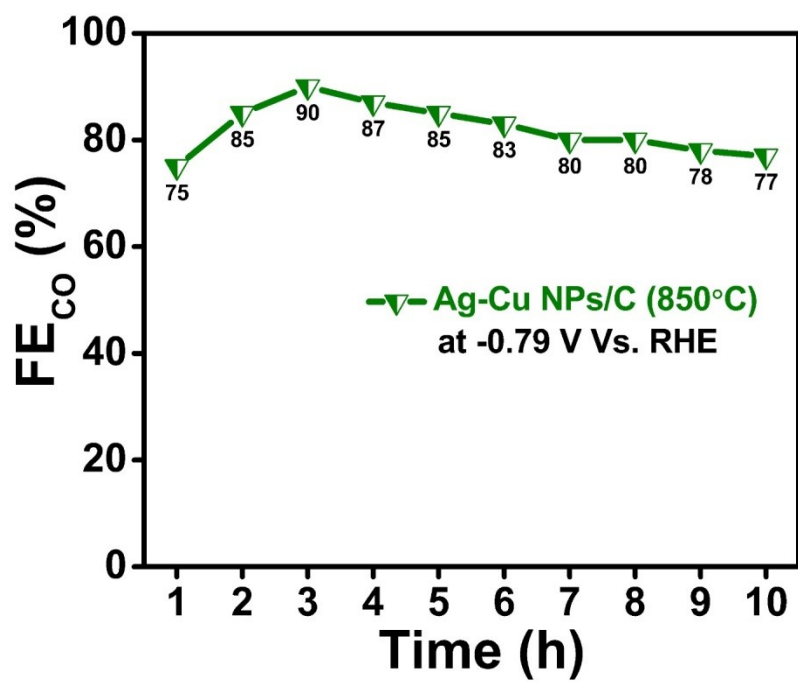


Figure S3: FE_{CO}% of Ag-Cu NPs/C at a fixed potential of -0.79 V_{RHE} for 10 h

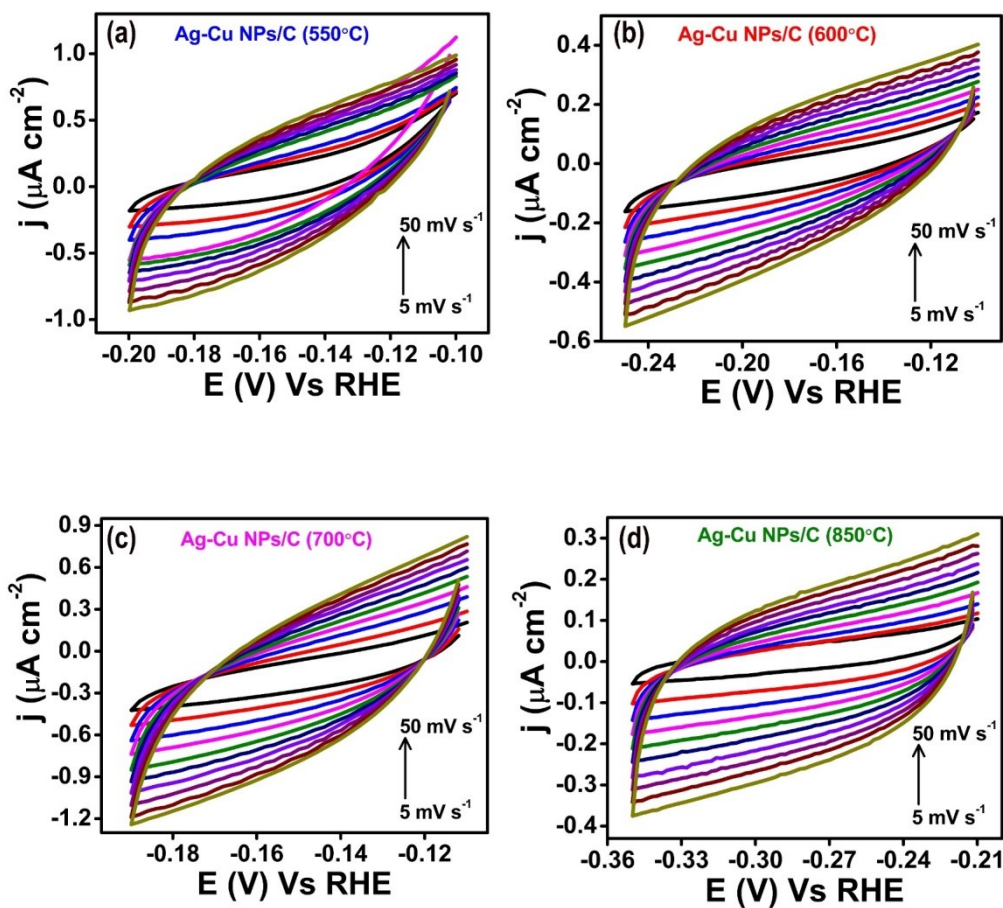


Figure S4: CV graphs in non-faradic regions of Ag-Cu NPs/C at different temperatures (a) 550°C (b) 600°C (c) 700°C (d) 850°C

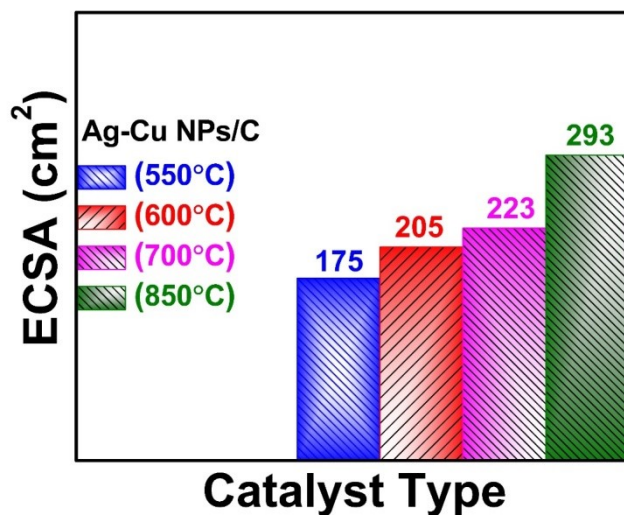


Figure S5: ECSA of Ag-Cu NPs/C at different temperatures.

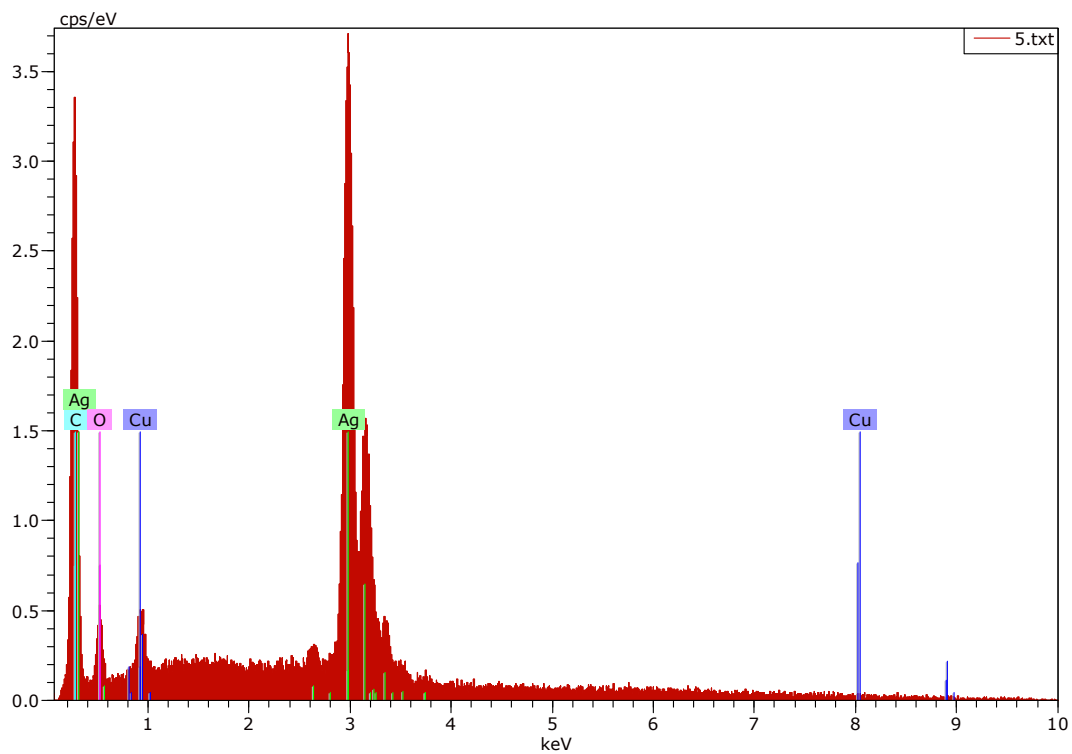


Figure S6. The edx spectrum of Ag-Cu NPs/C (850 °C)

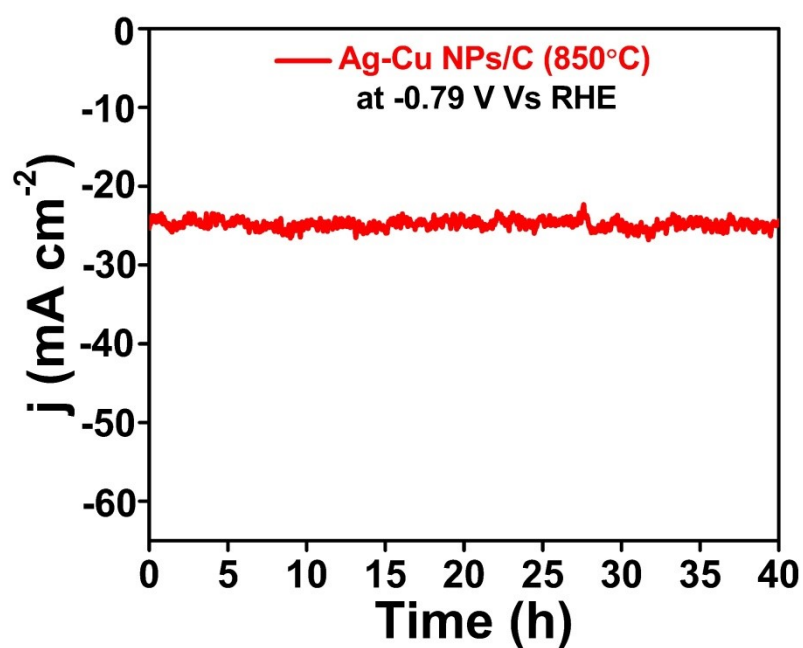


Figure S7: Long term stability of Ag-Cu NPs/C (850 °C) for 40 h at $-0.79 V_{RHE}$.