

Supporting Information

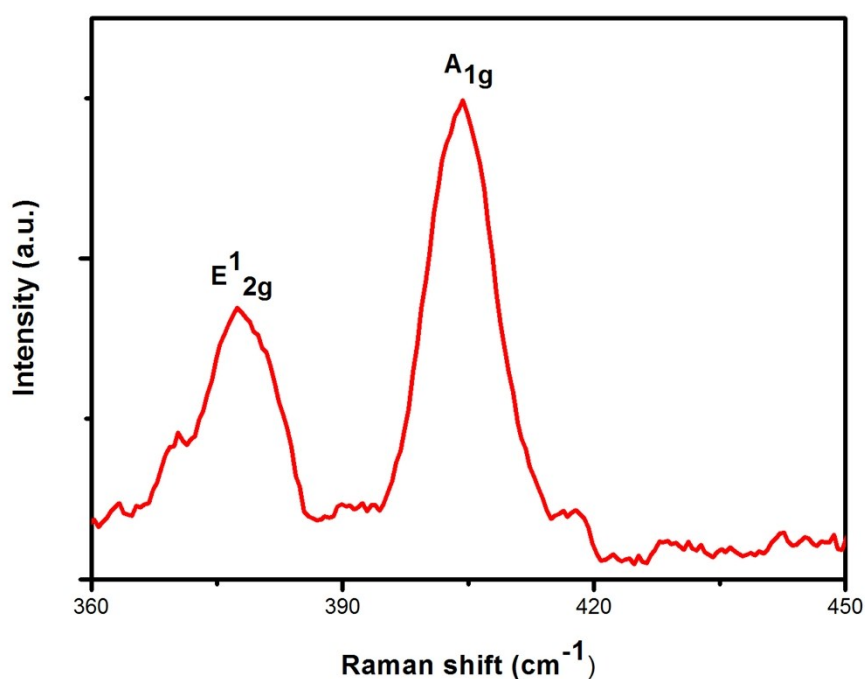
Copper Nanoparticles Interspersed MoS₂ Nanoflowers with Enhanced Efficiency for CO₂ Electrochemical Reduction to Fuel

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Figure S1. Raman spectra of bare flower-like MoS₂.



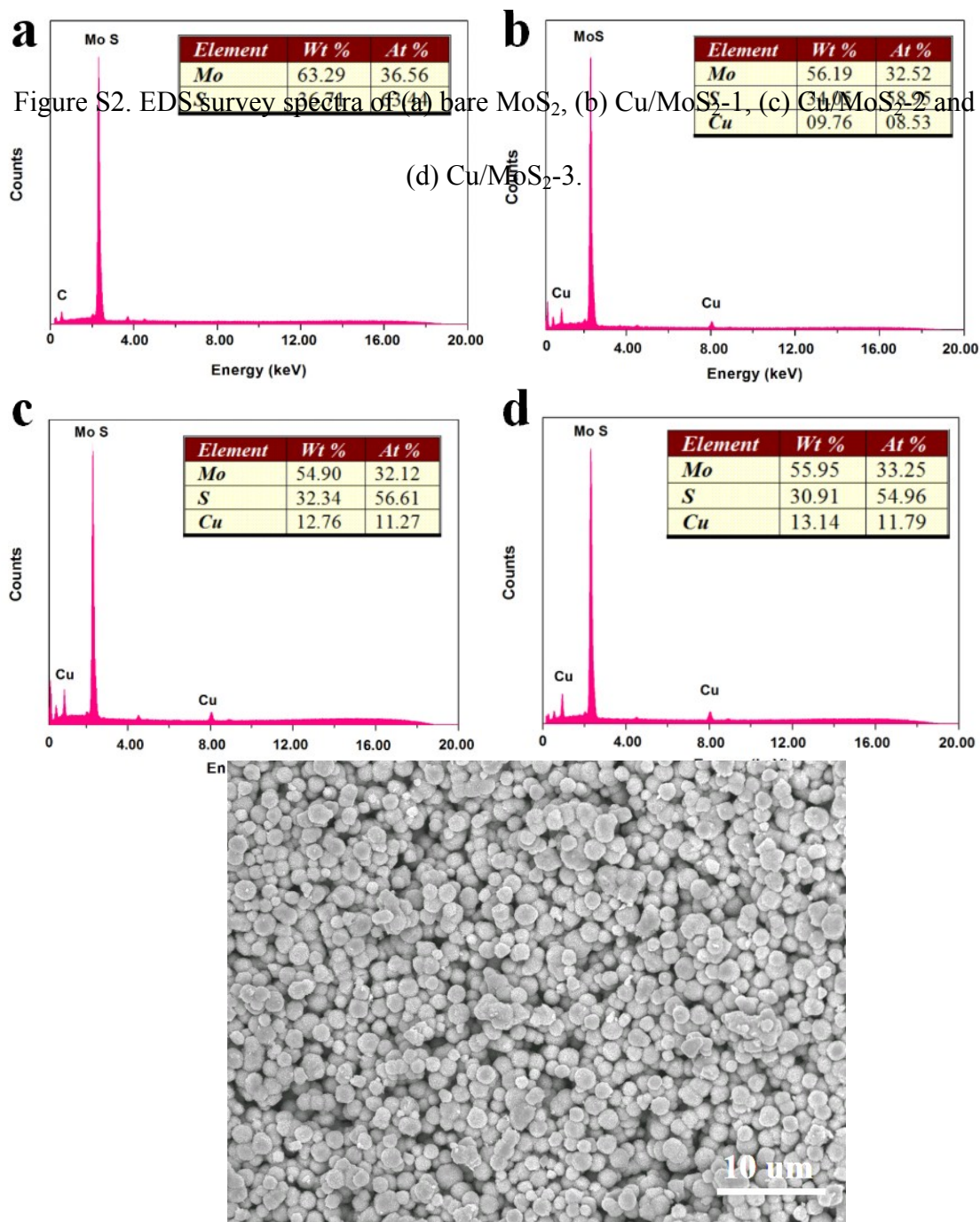


Figure S3. Low magnification SEM image of Cu/MoS₂-2.

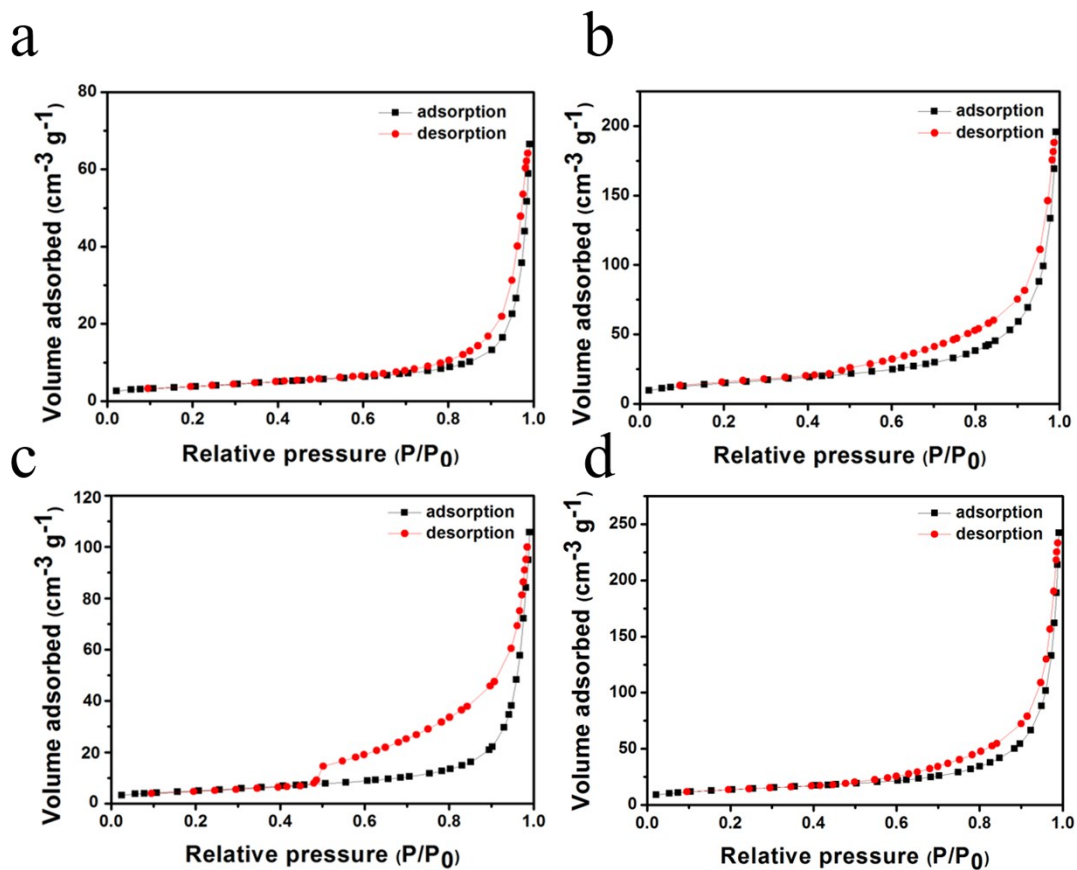


Figure S4. N₂ adsorption–desorption isotherm curves for all prepared samples: (a) bare MoS₂, (b) Cu/MoS₂-1, (c) Cu/MoS₂-2 and (d) Cu/MoS₂-3.

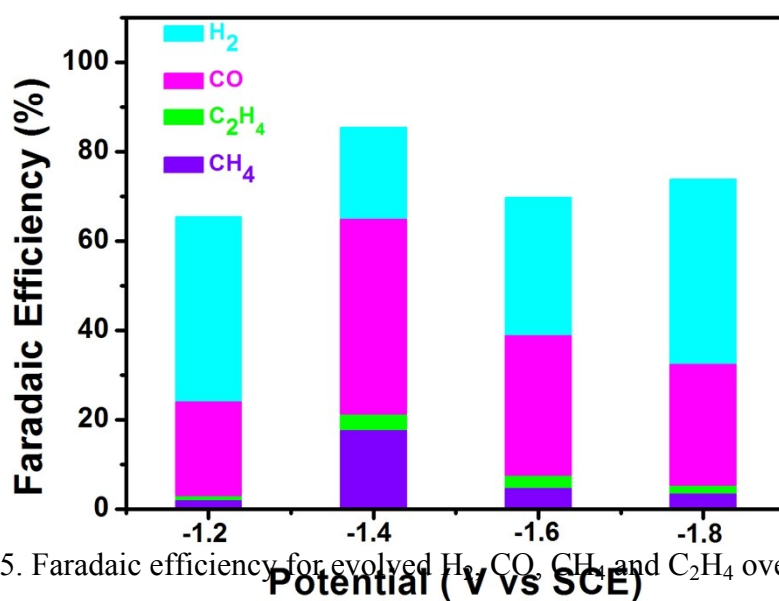


Figure S5. Faradaic efficiency for evolved H_2 , CO , CH_4 and C_2H_4 over Cu/MoS_2-2 at different applied potentials.

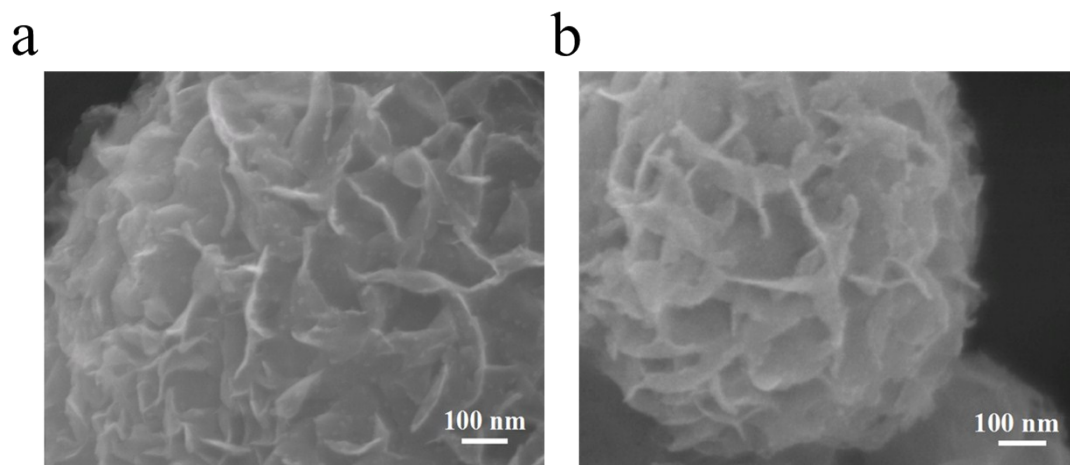


Figure S6. SEM images of Cu/MoS₂-2 (a) before and (b) after 48 h CO₂ electrochemical reduction.

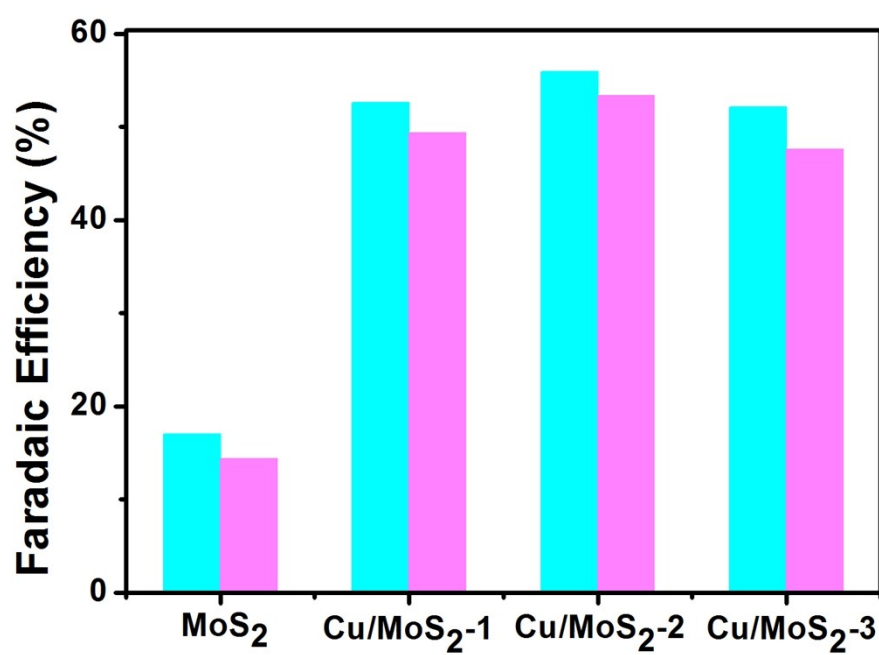


Figure S7. Faradaic efficiency of all prepared samples before (cyan) and after (magenta) 48 h electrochemical CO₂ reduction reaction.