

Graphitic Carbon Nitride Doped Copper-Manganese Alloy as High Performance Electrode Material for Supercapacitor Application

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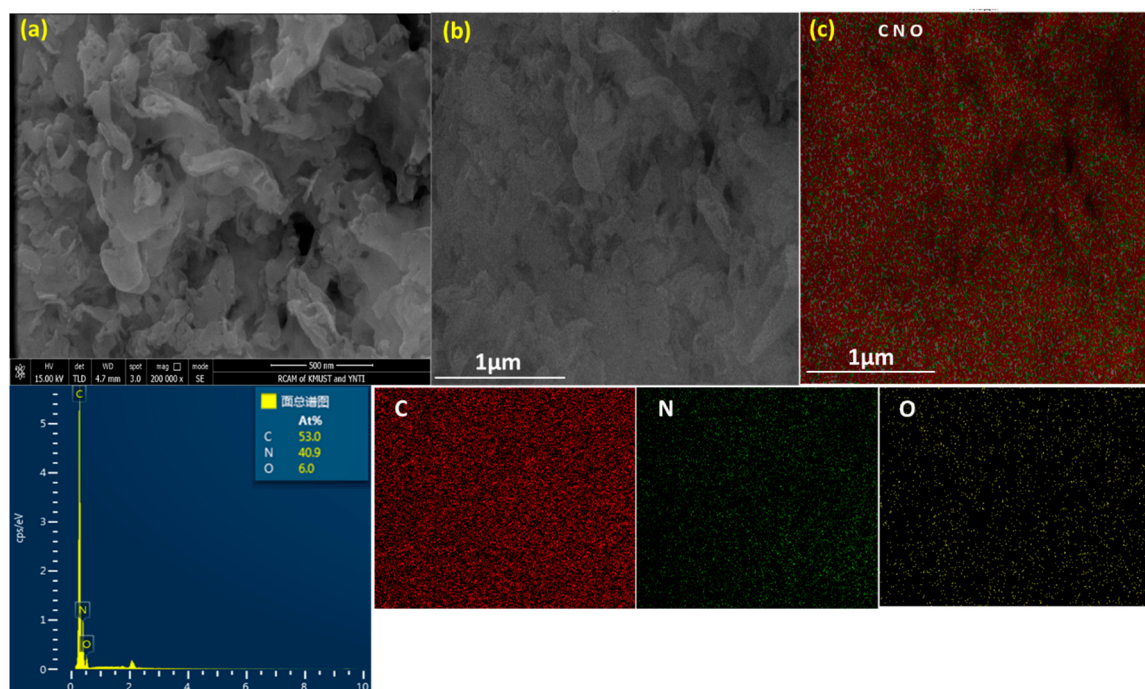


Figure S1. (a,b) SEM images and (c) corresponding EDX elemental mapping of gCN.

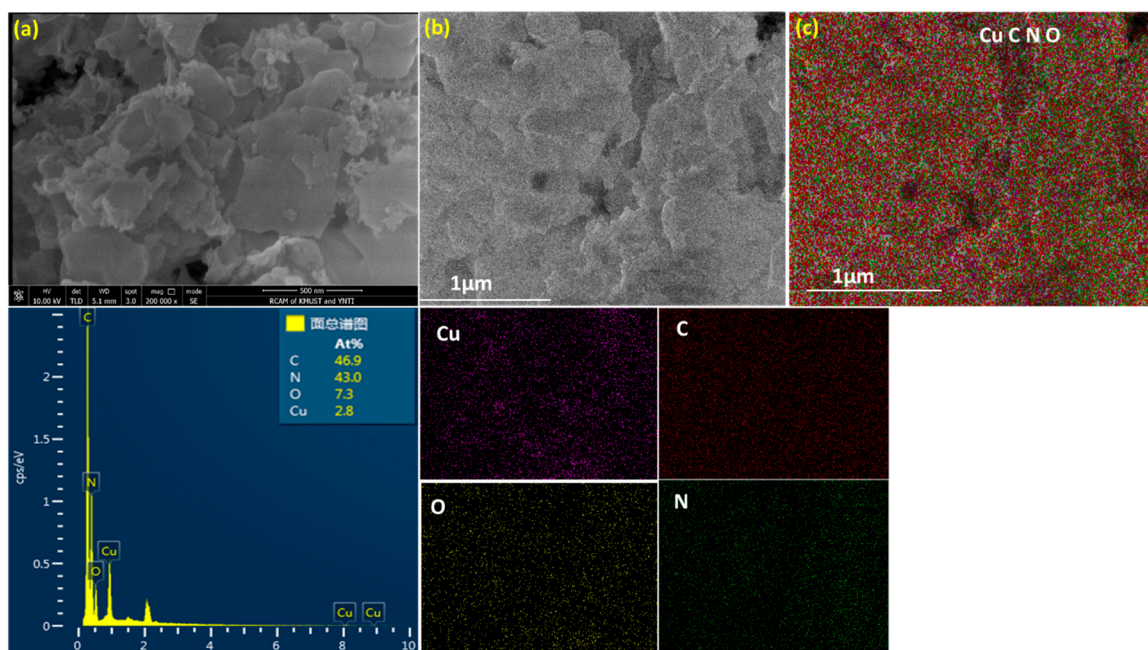


Figure S2. (a,b) SEM images and (c) corresponding EDX elemental mapping of $\text{Cu}_2\text{O-gCN}$.

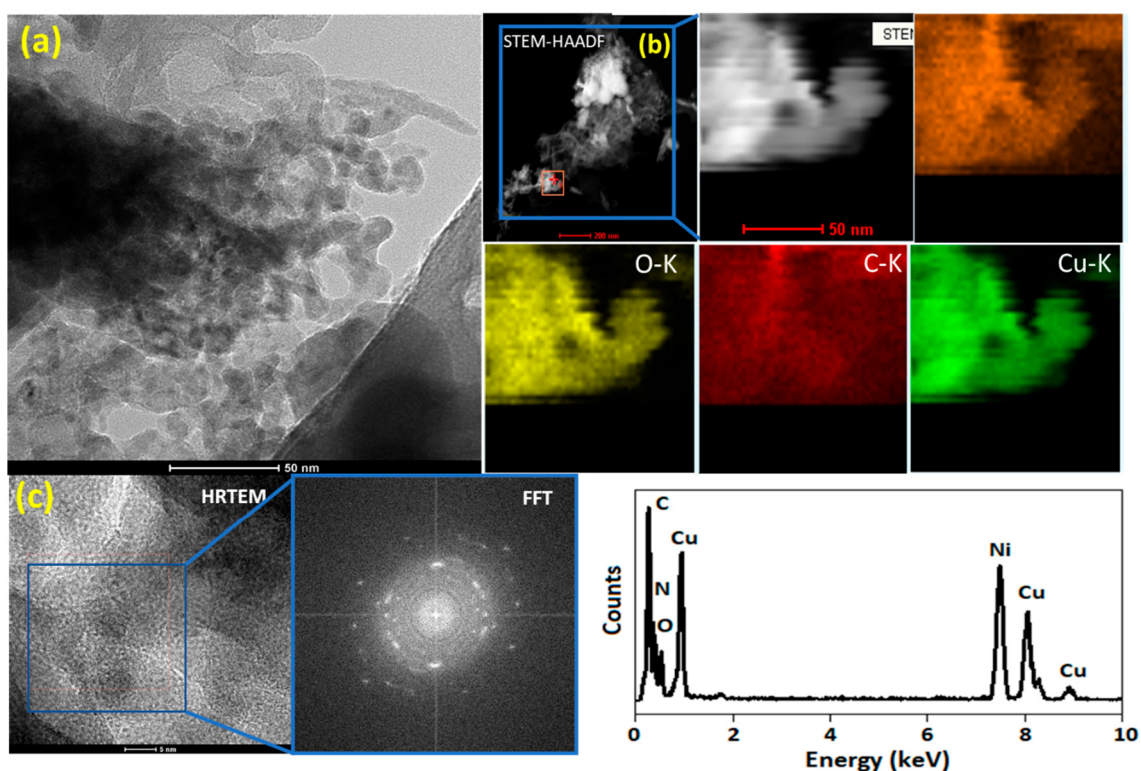


Figure S3. TEM image of $\text{Cu}_2\text{O-gCN}$ (a), (b) STEM-HAADF images of $\text{Cu}_2\text{O-gCN}$ and corresponding EDX elemental mapping of the selected area and (c) HRTEM image of $\text{Cu}_2\text{O-gCN}$ and corresponding FFT image of selected area in (c).

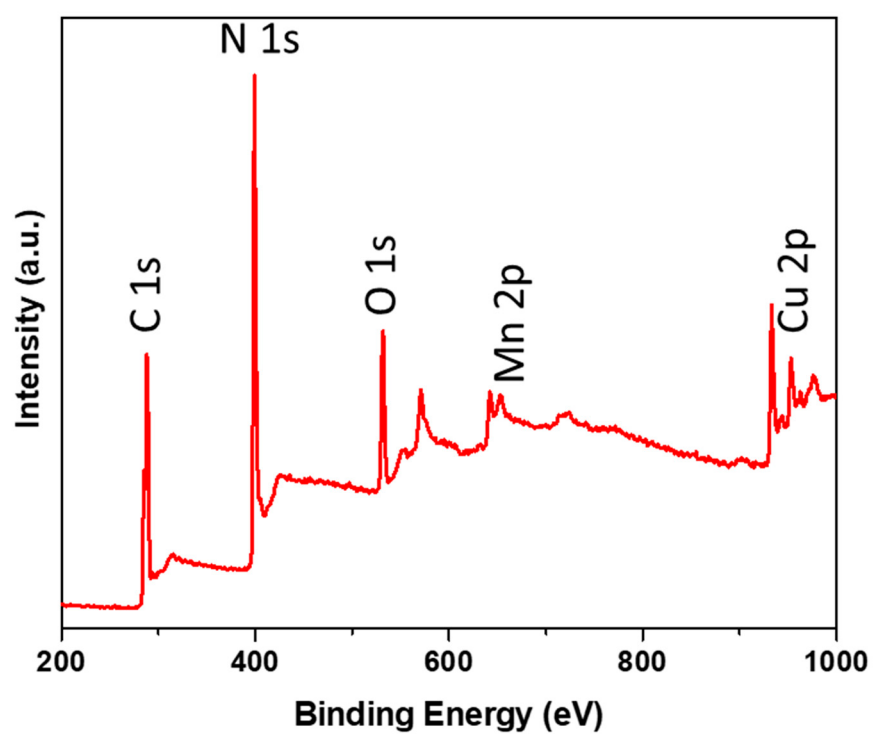


Figure S4. XPS survey spectrum of CuMnO₂-gCN nanocomposite.