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孔隙结构可调的 Cu_2O 球状纳米结构及其 NO_2 气体传感性质

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Cavity-Tunable Cu_2O Spherical Nanostructures and Their NO_2 Gas Sensing Properties

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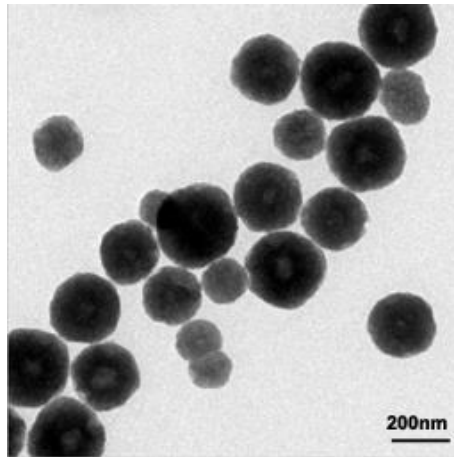


Fig.S1 TEM image of the products obtained with the concentration of NaOH as $0.035 \text{ mol}\cdot\text{L}^{-1}$

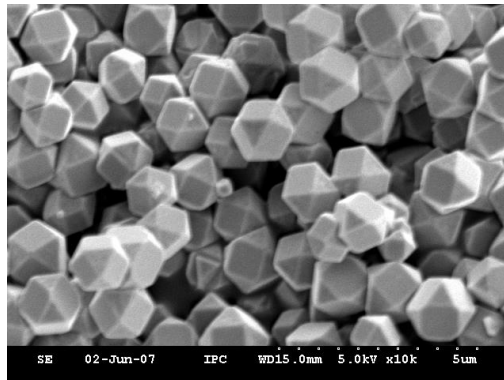


Fig.S2 TEM image of the products obtained with the concentration of NaOH as $0.4 \text{ mol}\cdot\text{L}^{-1}$

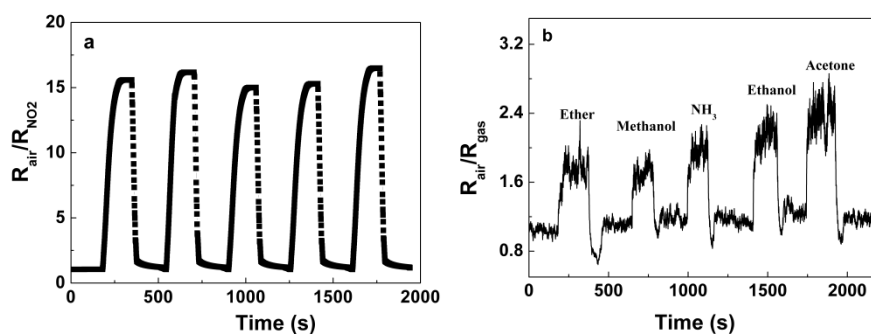


Fig.S3 (a) Five cycles by modulating the mesoporous Cu_2O nanospheres between air and NO_2 in N_2 ($V_{\text{NO}_2}:V_{\text{N}_2} = 1 : 10^{-4}$), (b) sensitivity of the mesoporous Cu_2O nanospheres towards different gases with concentration as 10^{-4} (V/V)