

Supplementary Information

Cu₂O/CuO Composite Microframes with Well-designed Micro/nano Structure Fabricated via Controllable Etching of Cu₂O Microcubes for CO Gas Sensors

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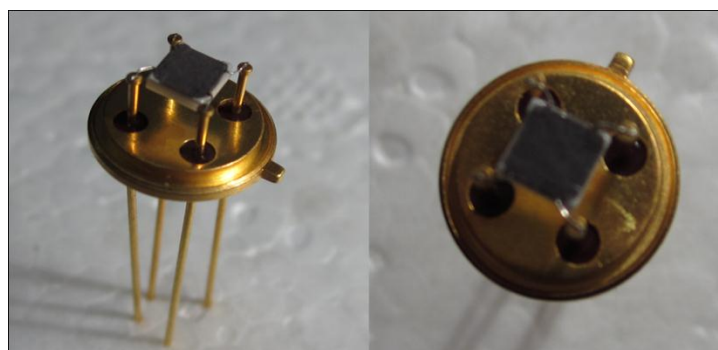


Fig. S1 Sensor device coated with the Cu₂O/CuO nanoframes.

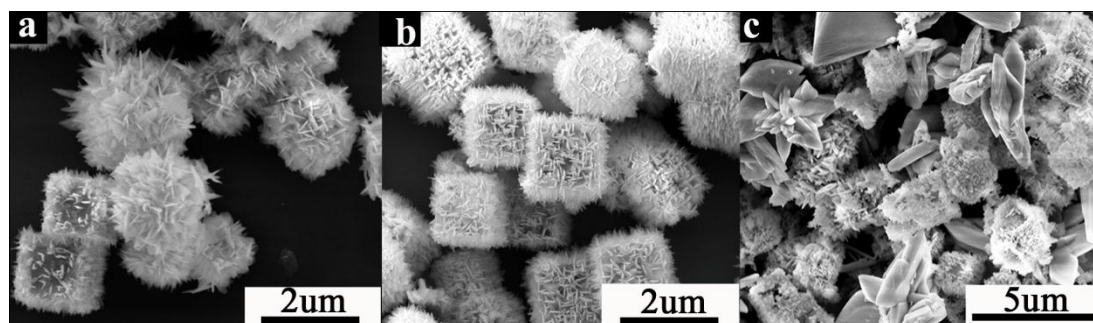


Fig. S2 SEM images of Cu₂O/CuO samples respectively prepared at (a)120°C, (b)150°C and (c) 180°C, 12h of the hydrothermal reaction.

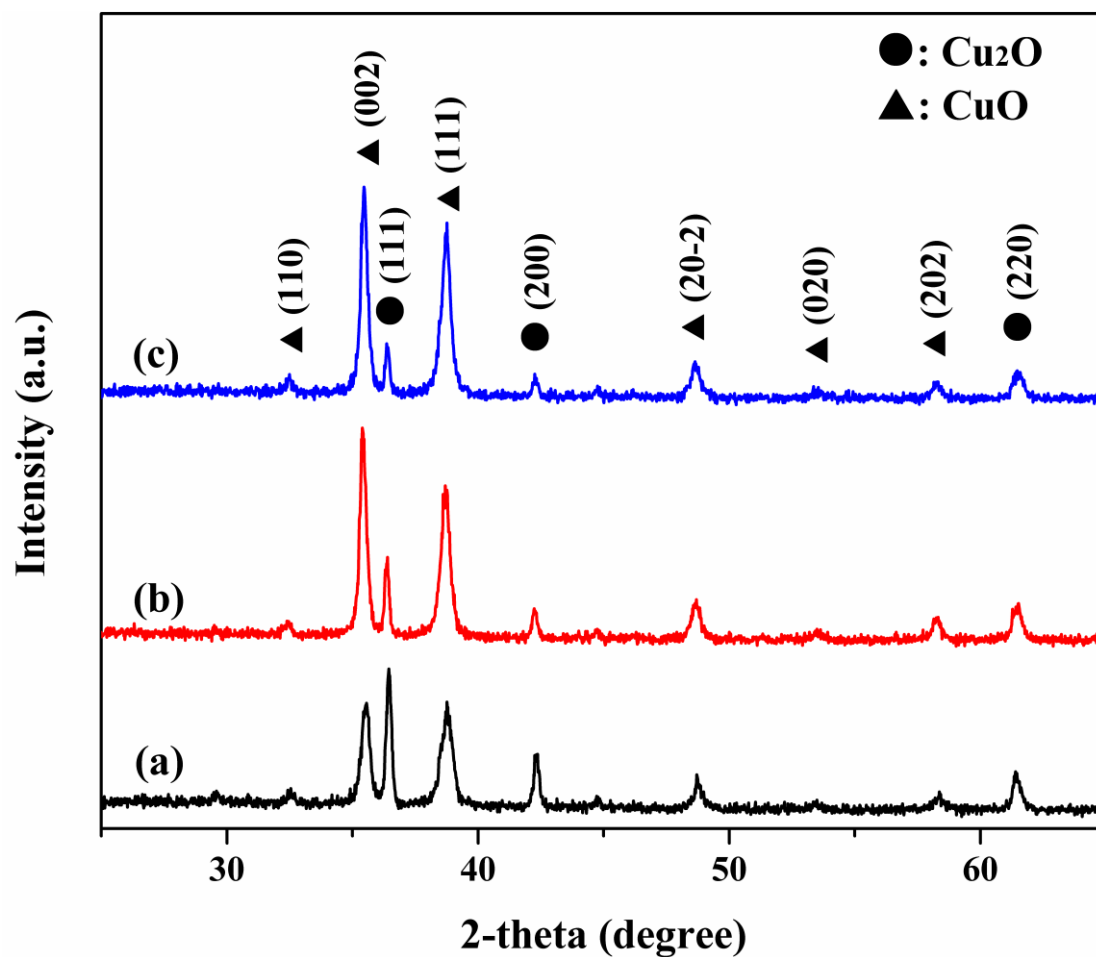


Fig. S3 XRD patterns of Cu₂O/CuO samples respectively prepared at (a) 120°C, (b) 150°C and (c) 180°C, 12h of the hydrothermal reaction.

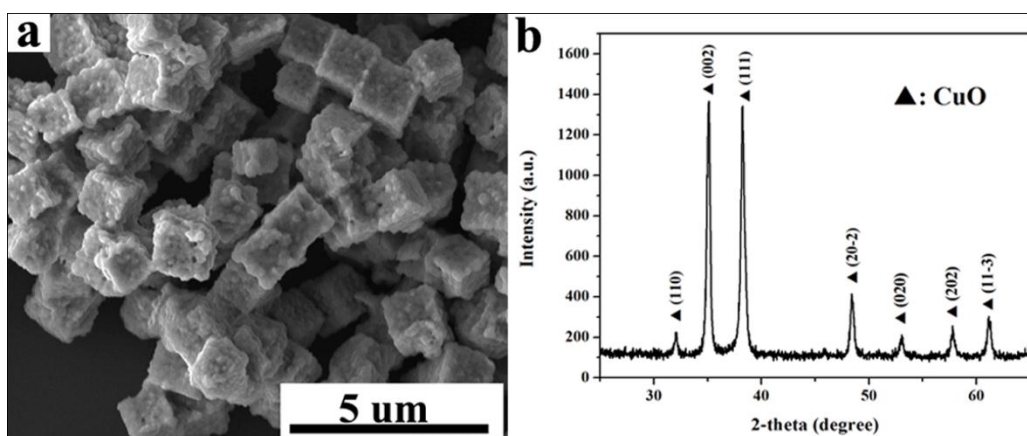


Fig. S4 (a) SEM image and (b) XRD pattern of the contrast CuO microcube obtained by the reaction of the Cu_2O microcube and air at 500°C for 2h.