

Synthesis and H₂S sensing performance of MoO₃/Fe₂(MoO₄)₃ yolk/shell nanostructures

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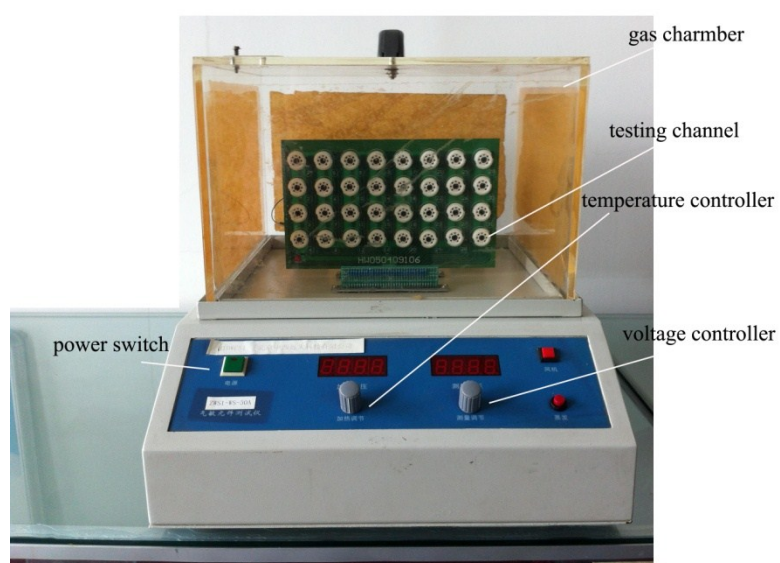


Figure S1 The measurement set up for gas sensors.

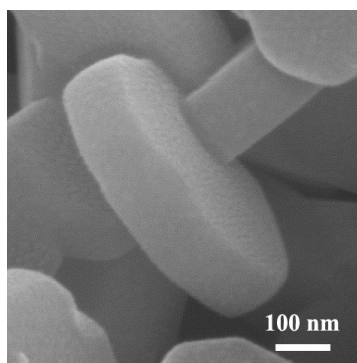


Figure S2 The high-resolution SEM image of MoO_3 polyhedrons after the heating of MoS_2 spheres at 500°C for 4 h at air atmosphere.

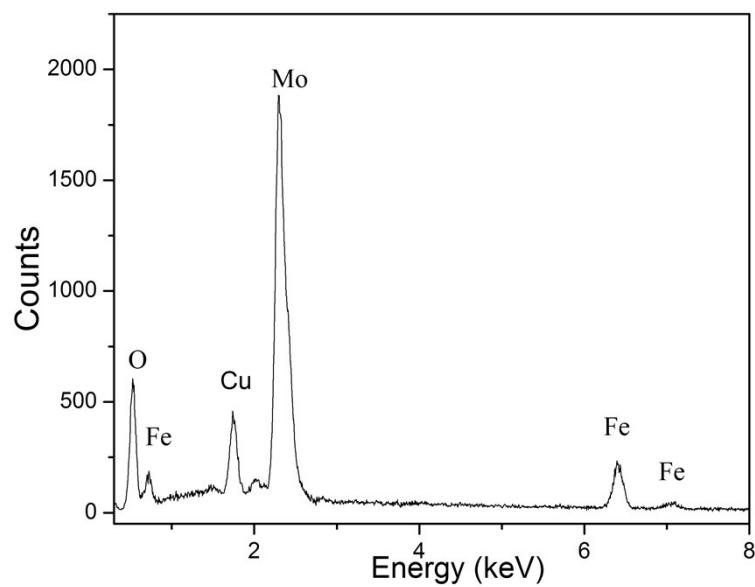


Figure S3 EDS pattern of $\text{MoO}_3/\text{Fe}_2(\text{MoO}_4)_3$ yolk/shell nanostructures.

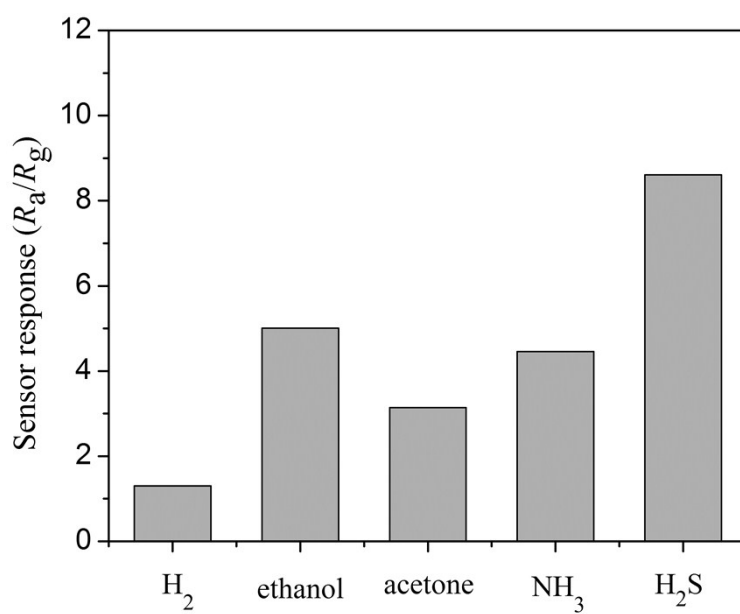


Figure S4 Sensor responses of $\text{MoO}_3/\text{Fe}_2(\text{MoO}_4)_3$ yolk/shell nanostructures to different gases with a concentration of 100 ppm.