

Electronic Supplementary Information

Au-Modified Three-dimensionally Ordered Macroporous ZnO:In for High-Performance Ethanol Sensors

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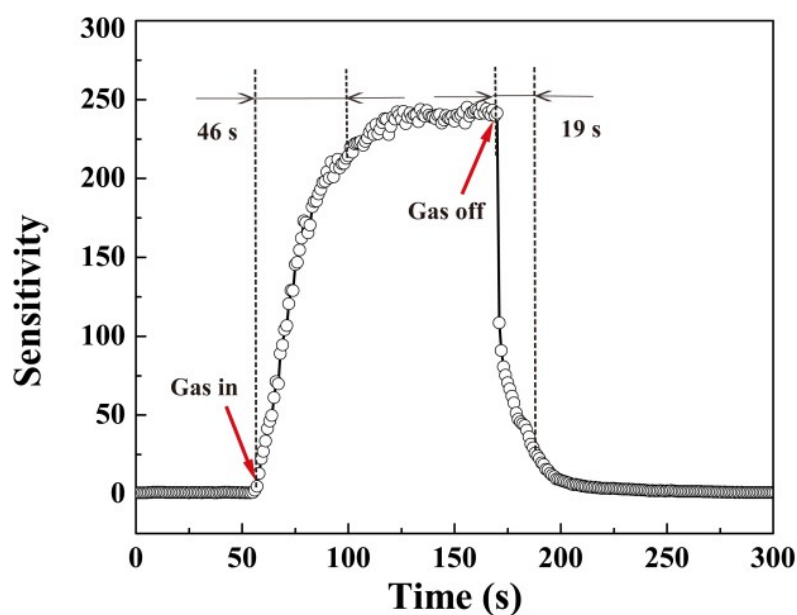


Fig.S1 Response and recovery curve of the 3DOM 0.050% Au-ZnO:In sensor.

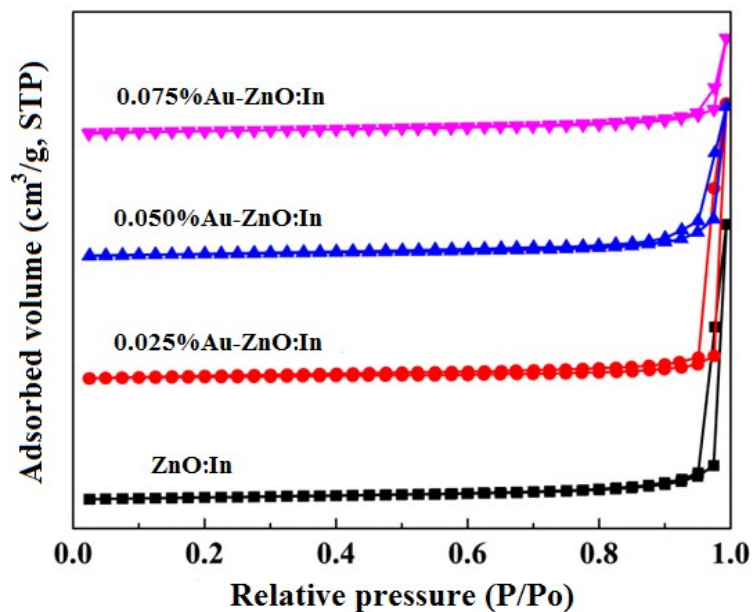


Fig.S2 Nitrogen adsorption-desorption isotherms of the 3DOM Au-ZnO:In with different Au contents.

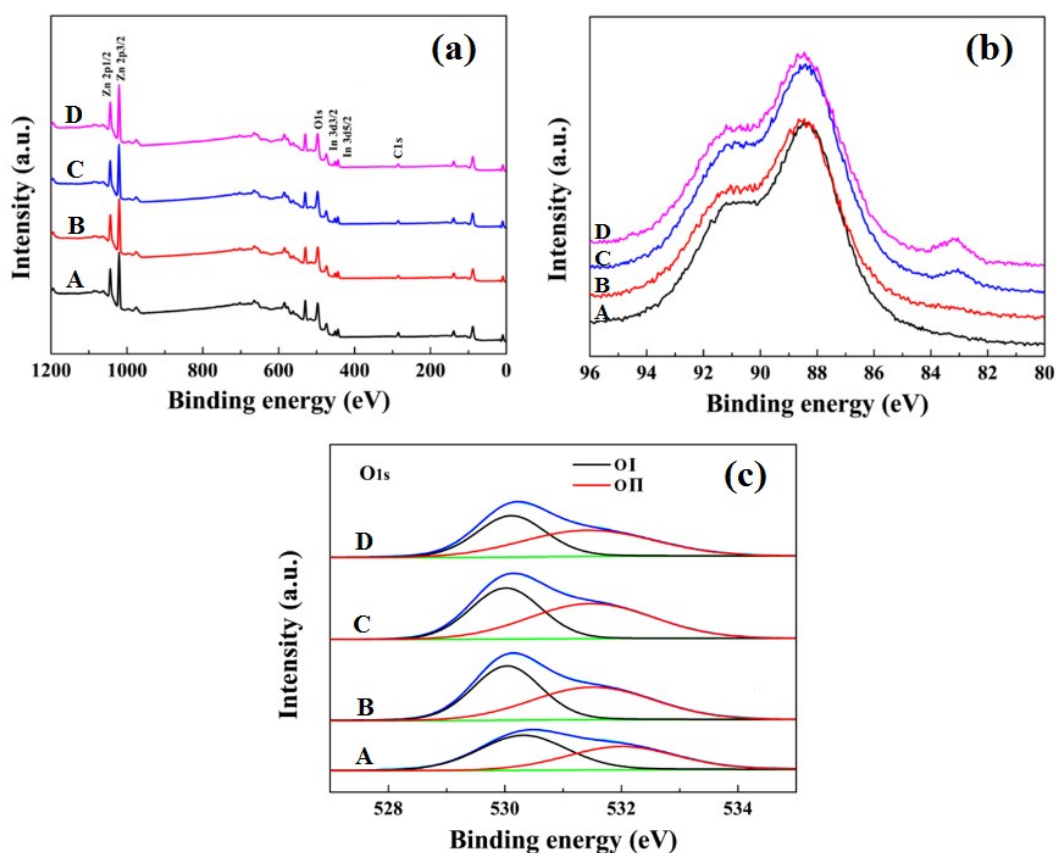


Fig.S3 Full-range XPS spectra (a), high resolution XPS spectra of the Au 4f and Zn 3p peaks (b) and high resolution XPS spectra for the O 1s peaks (c) of 3DOM (A) ZnO:In, (B) 0.025% Au-ZnO:In, (C) 0.050% Au-ZnO:In and (D) 0.075% Au-ZnO:In.