

Supporting information

SnO₂/SnS₂ Nanotubes for Flexible Room-Temperature NH₃ Gas Sensors

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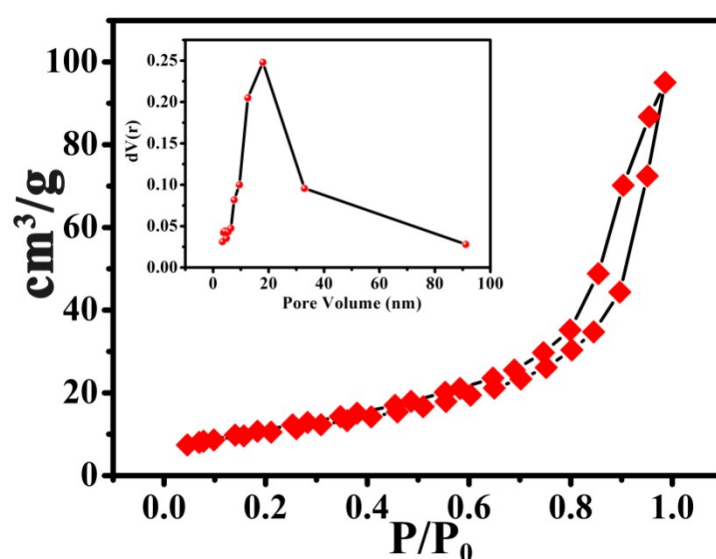


Figure S1. Isotherm plot and Halenda (BJH) pore size distribution plot (inset) of the SnO₂/SnS₂ nanotubes

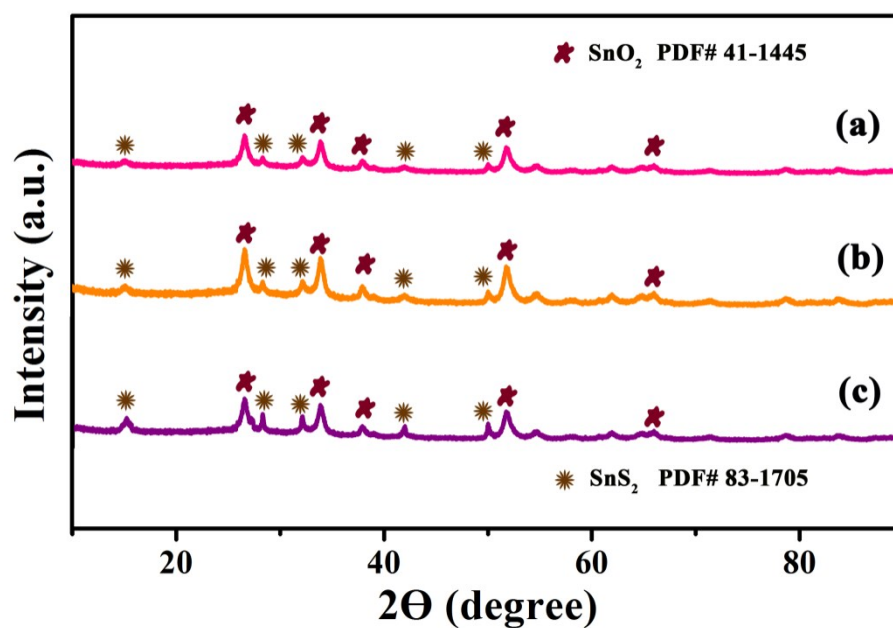


Figure S2. XRD patterns of as-synthesized products from in situ hydrothermal sulfuration route with CH₃CSNH₂ concentration of (a) 8 (b) 10 (c) 14 mmol for 3 h.

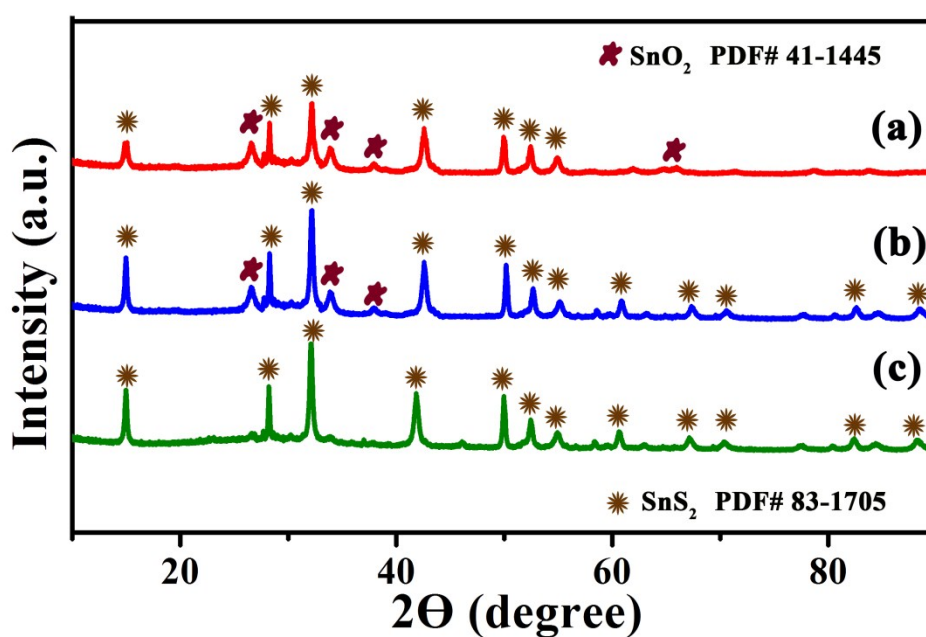


Figure S3. XRD patterns of the products from in situ hydrothermal sulfuration route with the same concentration of CH₃CSNH₂ (12 mmol) for different time (a) 5 h (b) 7 h (c) 9 h.



Figure S4. SEM image of the SnO₂/SnS₂ nanotubes after NH₃ sensing test.