

Supporting Information

Room-temperature triethylamine sensing of chemiresistive sensor based on Sm doped SnS₂/ZnS hierarchical microspheres

Feng Li^{a,*}, Ziqiang Zeng^a, Mingyang Wu^a, Leda Liu^a, Wenlong Li^a, Fobao Huang^a, Wei Li^a,
He Guan^{a,*}, Wangchang Geng^{b,*}

^a School of Microelectronics, Northwestern Polytechnical University, Xi'an 710072, P. R.
China.

^b Xi'an Key Laboratory of Functional Organic Porous Materials, School of Chemistry
and Chemical Engineering, Northwestern Polytechnical University, Xi'an 710072, P. R.
China.

1

¹E-mail address: fengli1910@nwpu.edu.cn (F. Li), he.guan@nwpu.edu.cn (H. Guan), w.geng@nwpu.edu.cn (W. Geng).

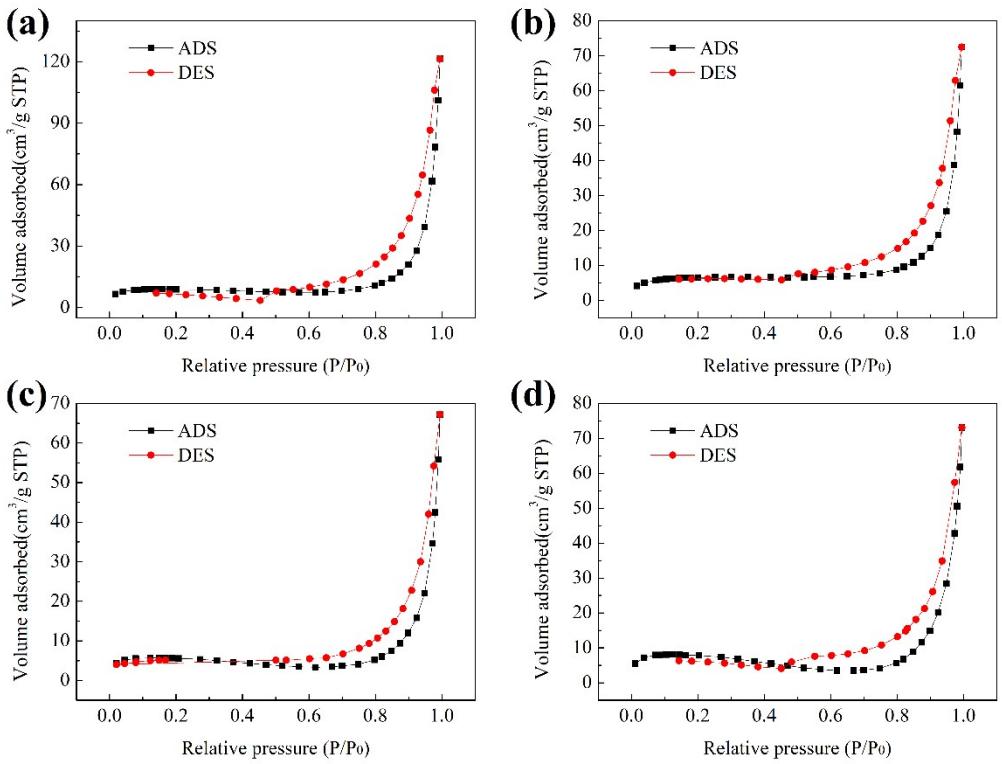


Fig. S1. Nitrogen adsorption–desorption isotherm of pristine SnS₂/ZnS and Sm doped SnS₂/ZnS composites. (a) SnS₂/ZnS-0; (b) SnS₂/ZnS-1.5; (c) SnS₂/ZnS-3.0; (d) SnS₂/ZnS-4.5.