

Supporting Information for:

**Facile Synthesis and Gas-sensing Performance of Sr- or Fe-doped In<sub>2</sub>O<sub>3</sub> Hollow Sub-microspheres**

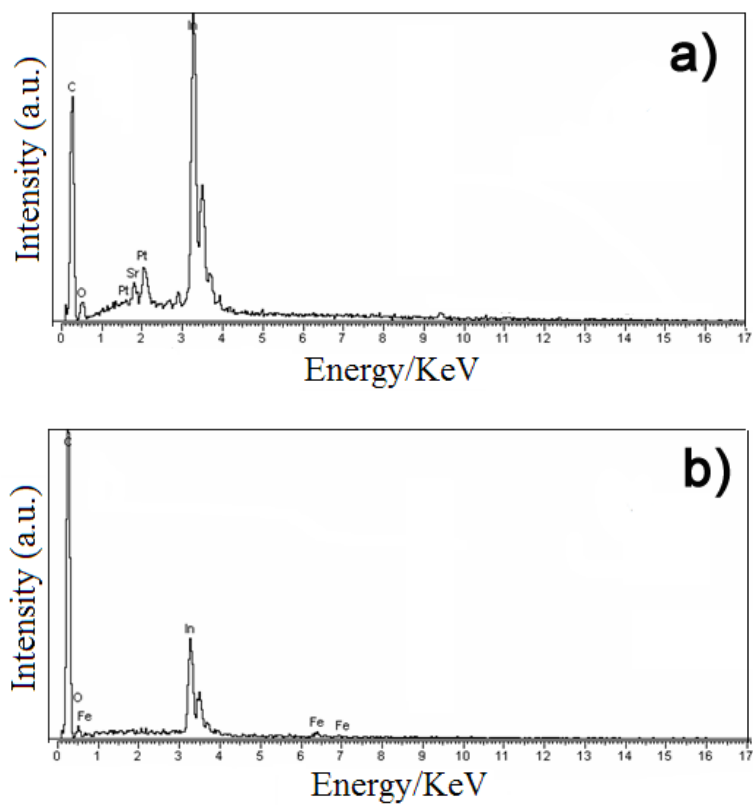
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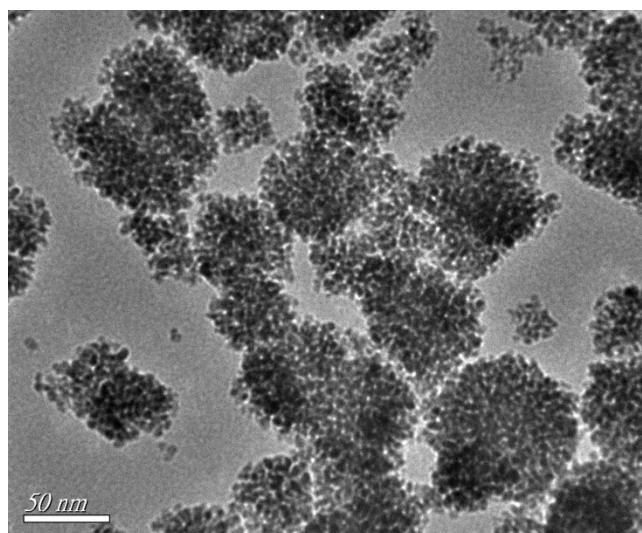
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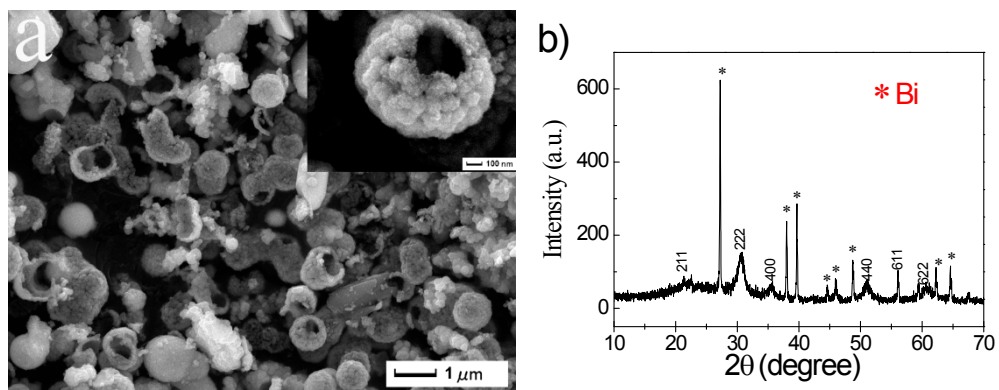
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**Fig. SI-1** EDS spectra of a) Sr-doped  $\text{In}_2\text{O}_3$  and b) Fe-doped  $\text{In}_2\text{O}_3$ .



**Fig. SI-2** TEM image pure  $\text{In}_2\text{O}_3$  product obtained with similar route.



**Fig. SI-3** a) SEM image and b) XRD pattern of Bi-In<sub>2</sub>O<sub>3</sub> product.