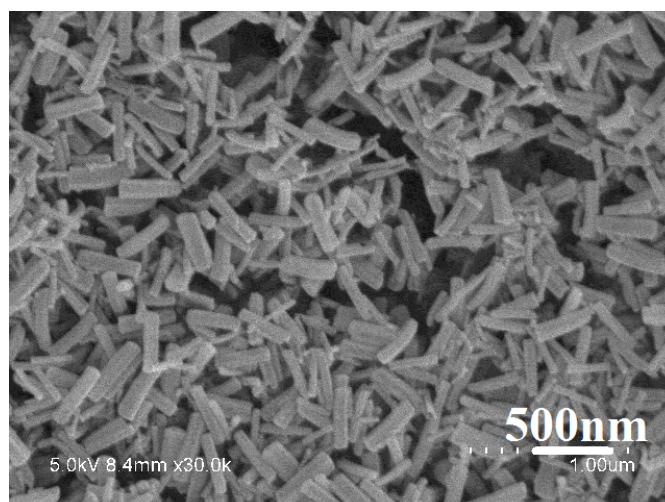


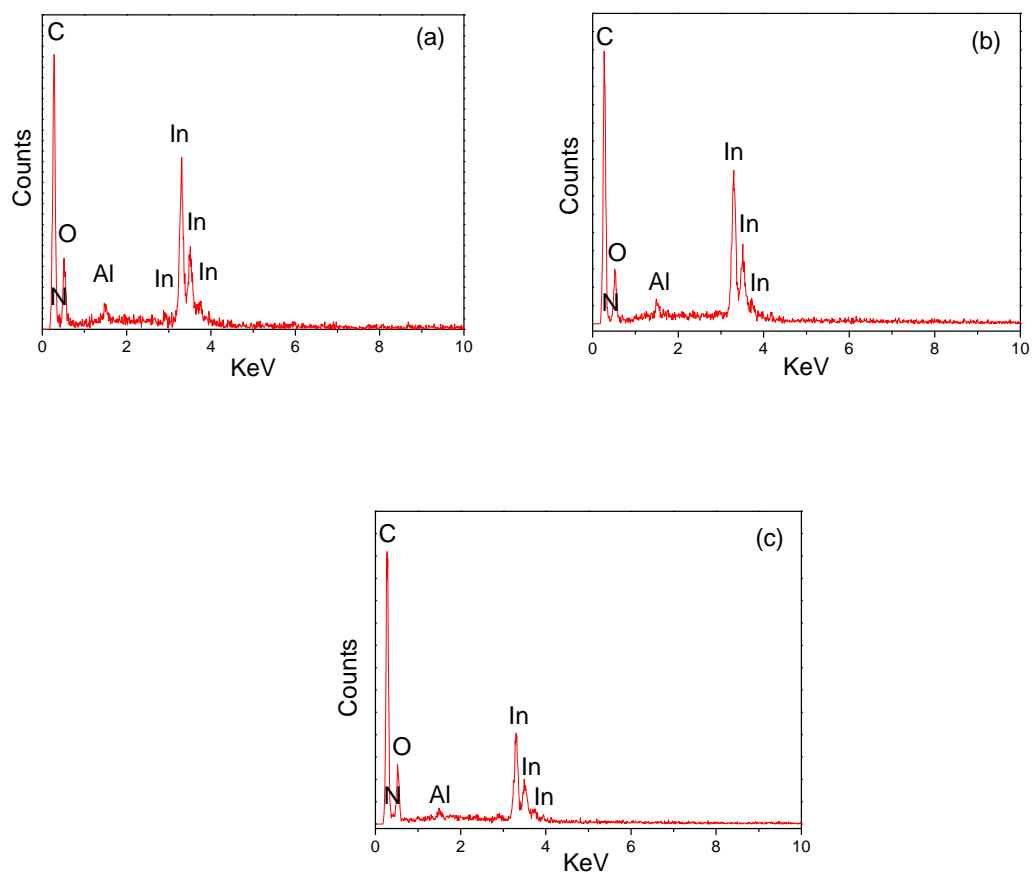
## Size-controlled indium(III)-benzendicarboxylate hexagonal rods and their transformation to $\text{In}_2\text{O}_3$ hollow structures

Li-Na Jin, Qing Liu and Wei-Yin Sun\*

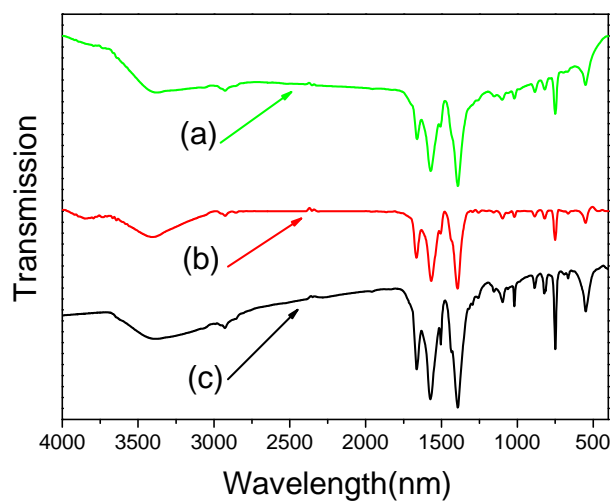
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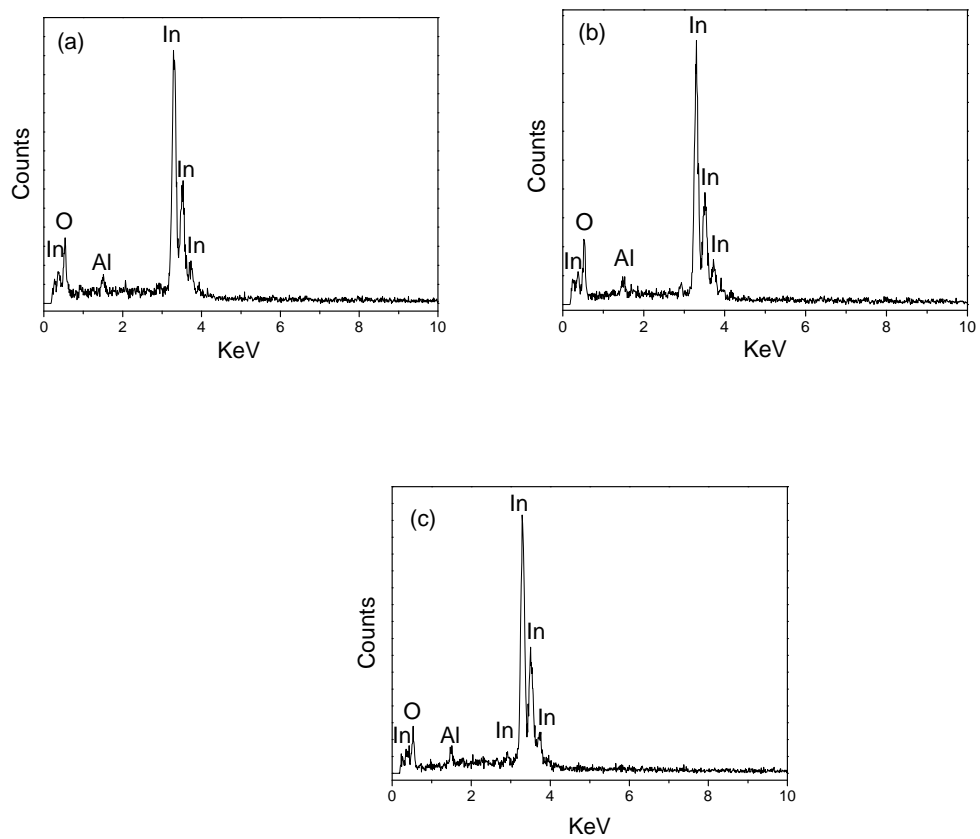
**Fig. S1** SEM image of the as-prepared In-BDC complexes prepared in the presence of 0.0125 M of  $\text{In}(\text{NO}_3)_3 \cdot 6\text{H}_2\text{O}$  and 0.0125 M of  $\text{H}_2\text{BDC}$ .



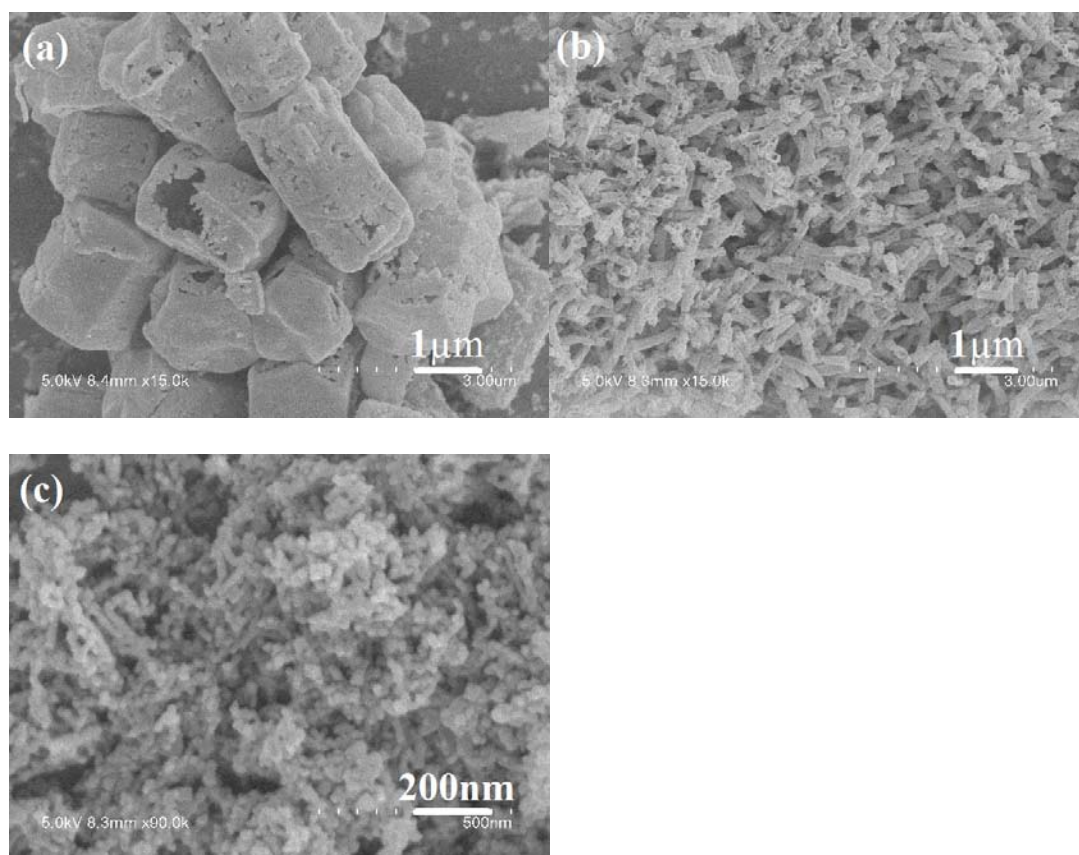
**Fig. S2** EDS of the as-prepared In-BDC complexes: (a) hexagonal rods, (b) hexagonal lumps and (c) hexagonal disks.



**Fig. S3** FT-IR spectra of the as-prepared In-BDC complexes: (a) hexagonal rods, (b) hexagonal lumps and (c) hexagonal disks.



**Fig. S4** EDS spectra of as-prepared  $\text{In}_2\text{O}_3$  hollow structures: (a) hexagonal tubes, (b) hexagonal lumps, (c) hexagonal disks.



**Fig. S5** SEM images of the as-prepared  $\text{In}_2\text{O}_3$  products after annealing In-BDC complexes with different concentrations of NaOAc: (a) 0.2 M; (b) 0.5 M; (c) 1 M.