

Supporting information for

Facile synthesis of SnS hollow nanoparticles via laser ablation followed by chemical etching

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1. Fully sulphurized SnS nanoparticles.

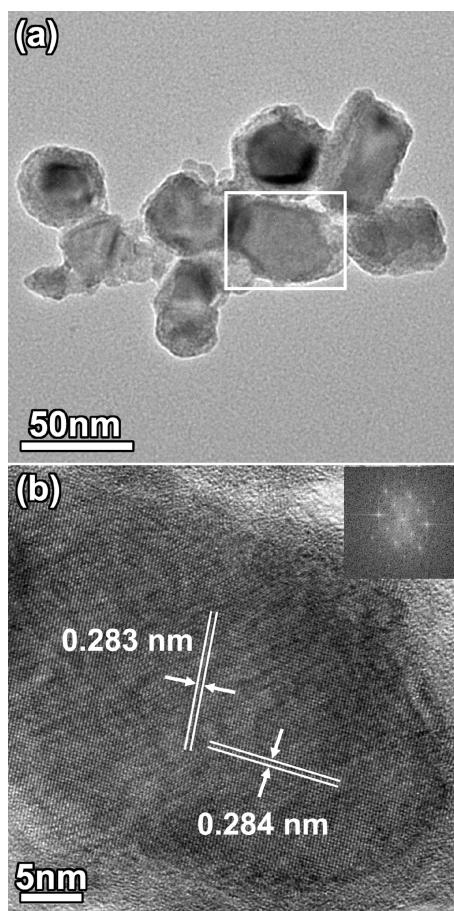


Figure S1. (a) TEM image of fully sulphurized SnS nanoparticles and (b) HRTEM image of a SnS nanoparticle shown in panel (a).

2. The product after Sn@SnS core-shell nanoparticles being etched by different acids with pH value of 2.5~3.

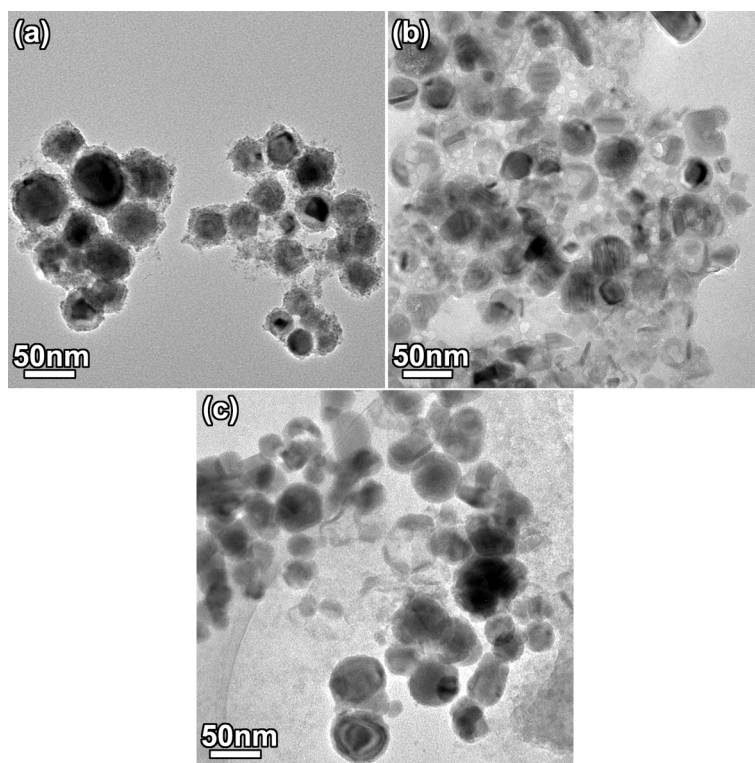


Figure S2. TEM images of the products after Sn@SnS core-shell nanoparticles being etched by (a) acetic acid, (b) phosphoric acid and (c) tartaric acid.

3. The product after Sn@SnS core-shell nanoparticles being etched by high concentration HCl solution (pH=1~2).

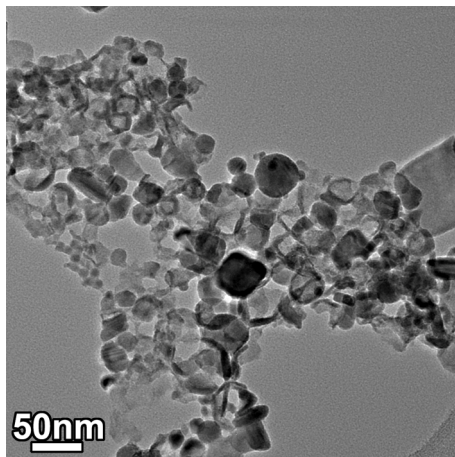


Figure S3. TEM images of the product after Sn@SnS core-shell nanoparticles being etched by high concentration HCl solution (pH=1~2).