

Solvent-free mechanochemical synthesis of well-dispersed single crystalline zinc hydroxystannate and their photocatalytic properties

Electronic supplementary information:

Fig.S1 XRD pattern of the as-prepared $\text{ZnSn}(\text{OH})_6$ sample (line a) and the sample annealed at 700°C for 2 hours (line b). All the diffraction peaks can be assigned to Zn_2SnO_4 (JCPDS: 73-1725) and SnO_2 (JCPDS: 77-0451)

Fig.S2 Size distribution graph of a typical ZHS sample.

Fig.S3 (a) Large area view image of cube-like ZHS, (b) low magnification and (c) high magnification images of sphere-like ZHS.

Fig. S1

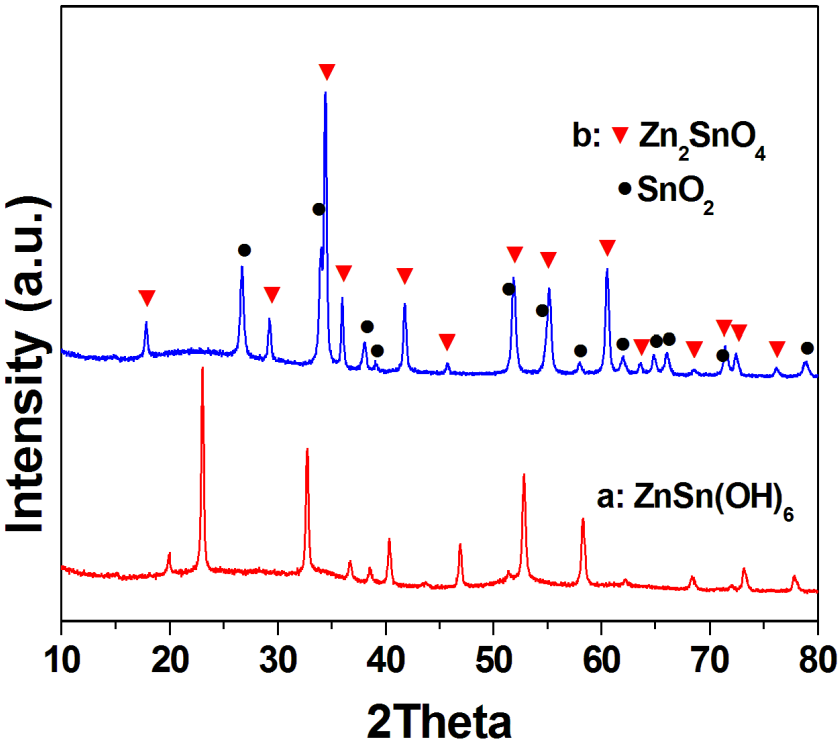


Fig.S2

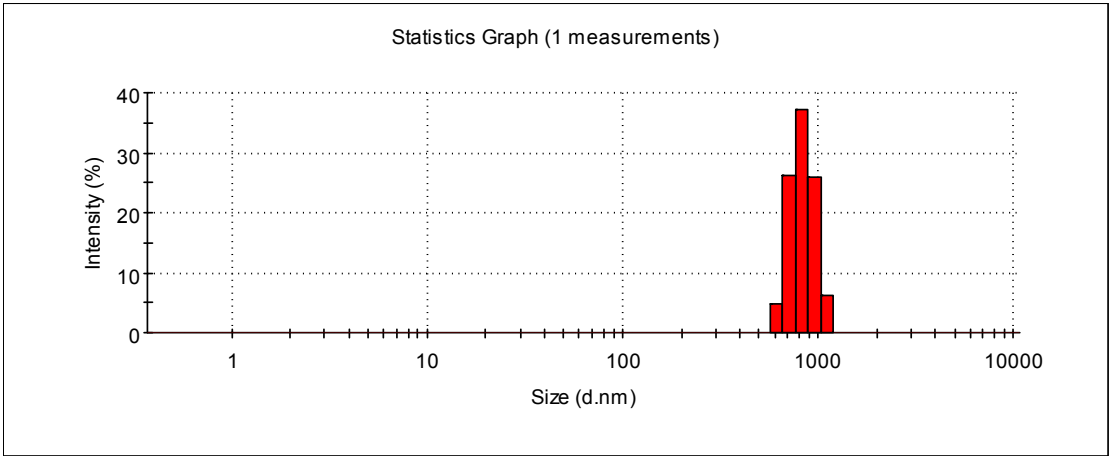


Fig. S3

