

On the Physico-Chemical Properties of ZnO Nanosheets Modified with Luminescent CdTe Nanocrystals

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Supporting Information

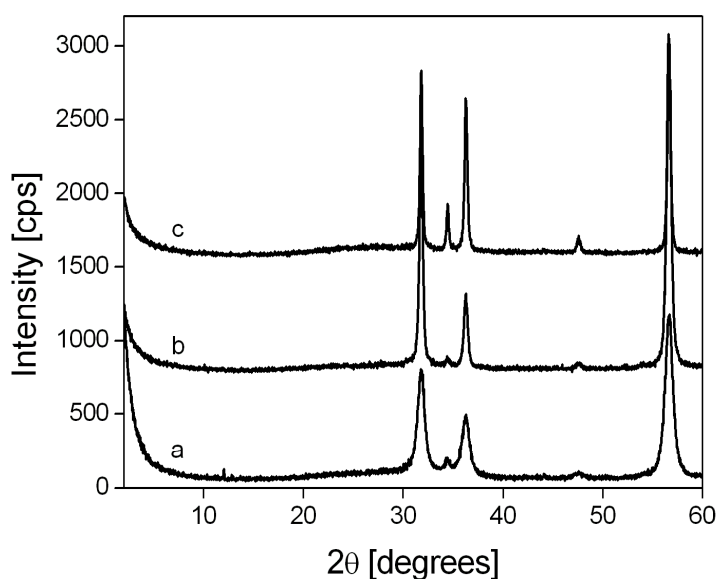


Fig. S1 XRD profiles of ZnO films prepared by treatment of $\text{Zn}_4\text{CO}_3(\text{OH})_6 \cdot \text{H}_2\text{O}$ at 300°C (a), 400°C (b) and 500°C (c).

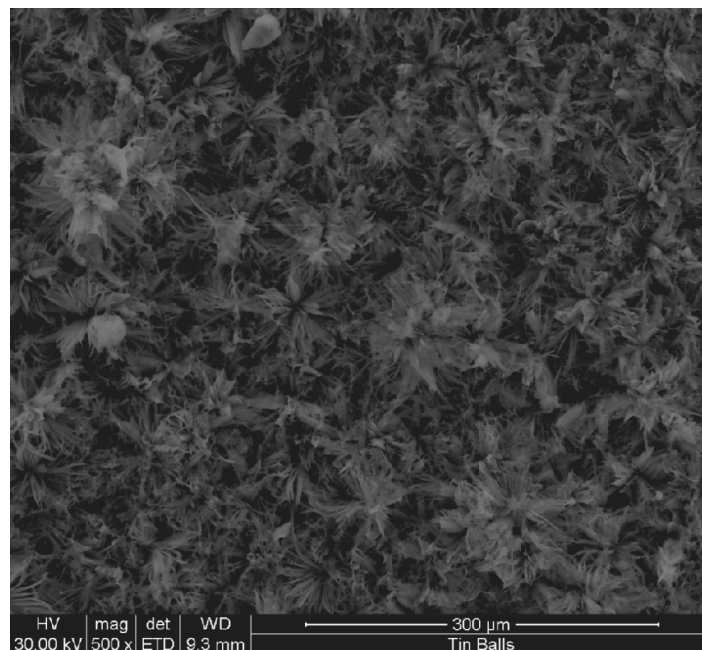


Fig. S2 SEM image of $\text{Zn}_4\text{CO}_3(\text{OH})_6 \cdot \text{H}_2\text{O}$ film.

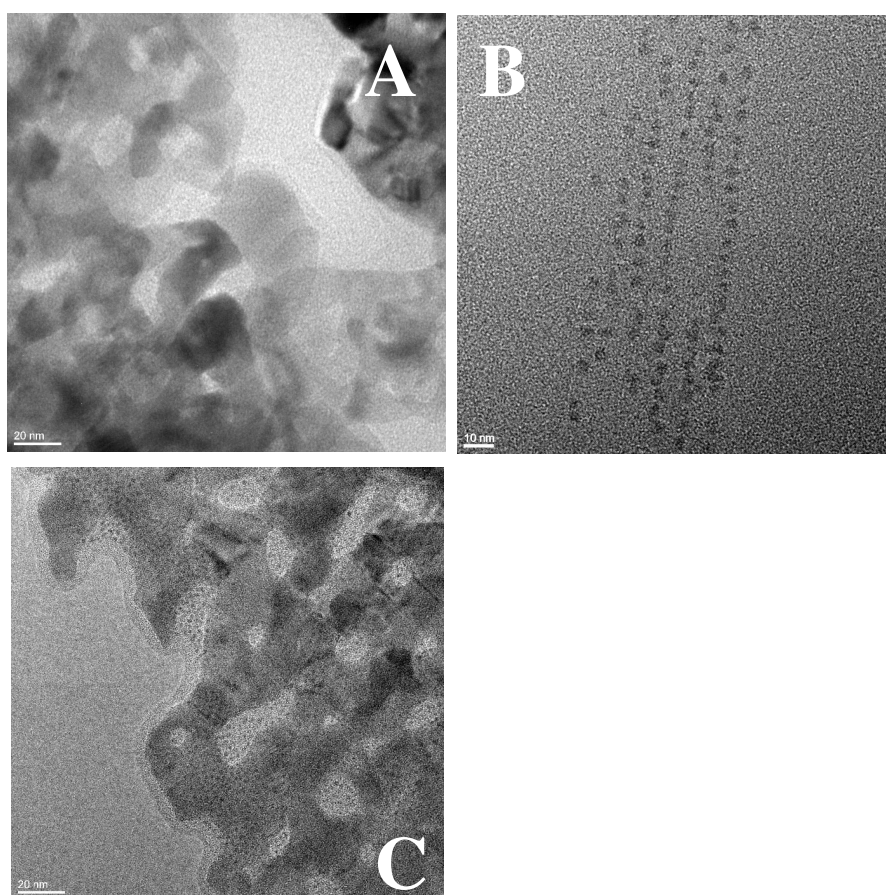


Fig. S3 TEM images of A) APS/ZnO400 (magnification 120000X), B) pure CdTe NCs (magnification 150000X) and C) CdTe/ZnO400 sample (magnification 120000X).