

Facile Synthesis of Size-dependent Optical properties of Luminescent **ZnIn₂S₄** nanocrystals derived from Metal Xanthates

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Fig S1. TG curve of $[Zn(S_2COPr^i)_2]$ (**1**) and $[In(S_2COPr^i)_3]$ (**2**)

Fig S2. EDS spectrum of ZnIn₂S₄ nanocrystals isolated at 10 minutes.

Fig S3. EDS spectrum of ZnIn₂S₄ nanocrystals isolated at 15 minutes.

Fig S4. EDS spectrum of ZnIn₂S₄ nanocrystals isolated at 20 minutes.

Fig S5. 2D elemental mapping of the constituent elements of ZnIn₂S₄ nanocrystals.

Fig S6. Representative IR spectrum of ZnIn₂S₄ nanocrystals.

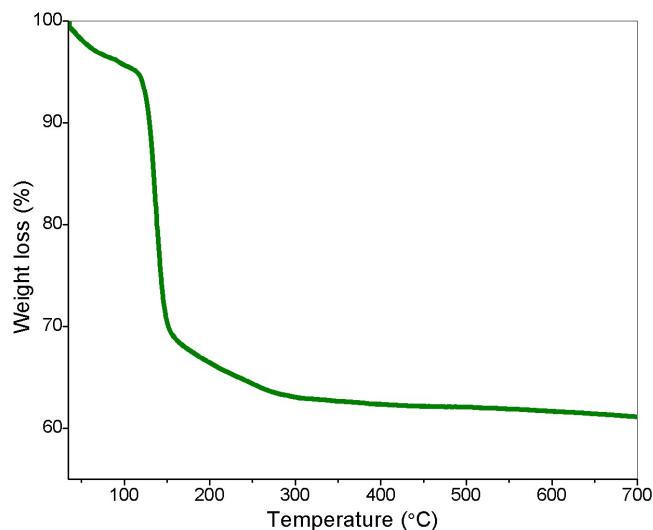


Fig S1. TG curve of $[Zn(S_2COPr^i)_2]$ (**1**) and $[In(S_2COPr^i)_3]$ (**2**).

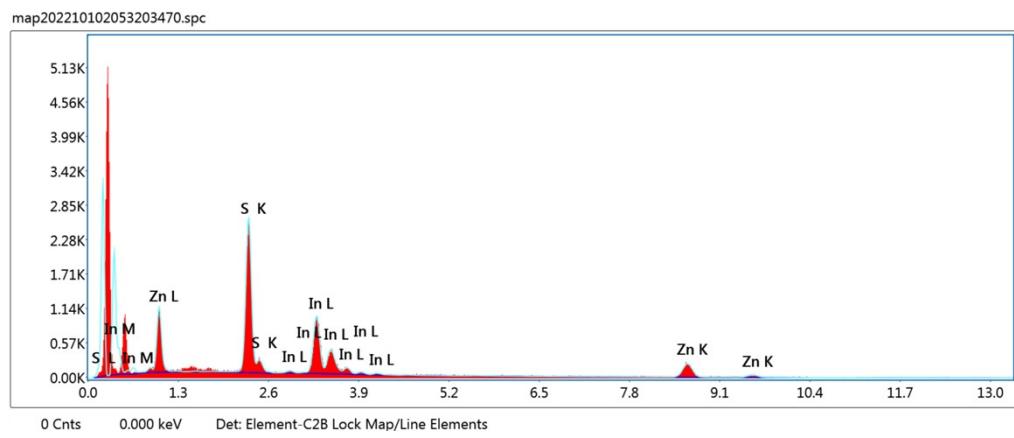


Fig S2. EDS spectrum of ZnIn_2S_4 nanocrystals isolated at 10 minutes.

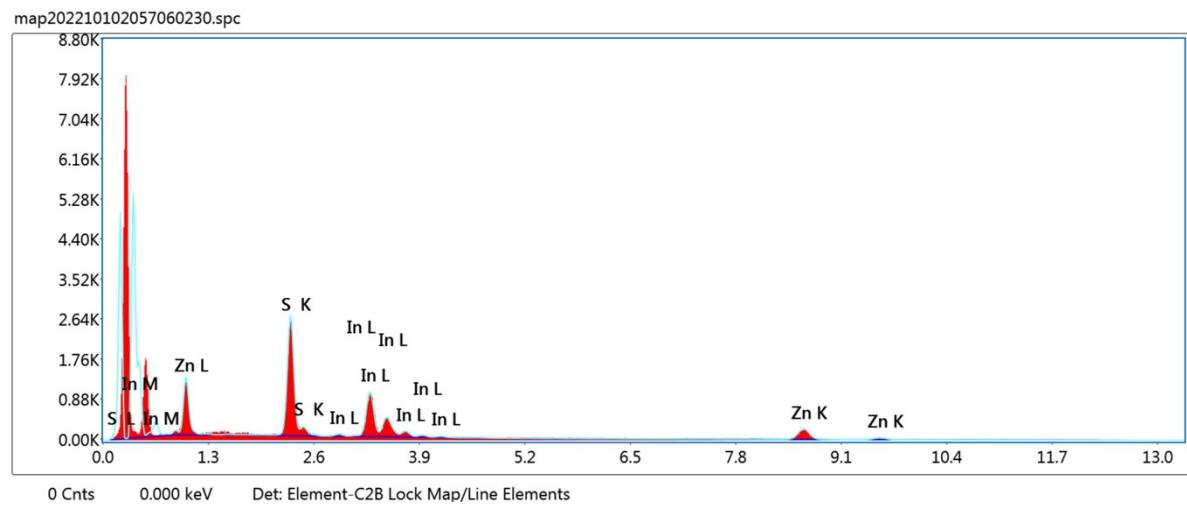


Fig S3. EDS spectrum of ZnIn_2S_4 nanocrystals isolated at 15 minutes.

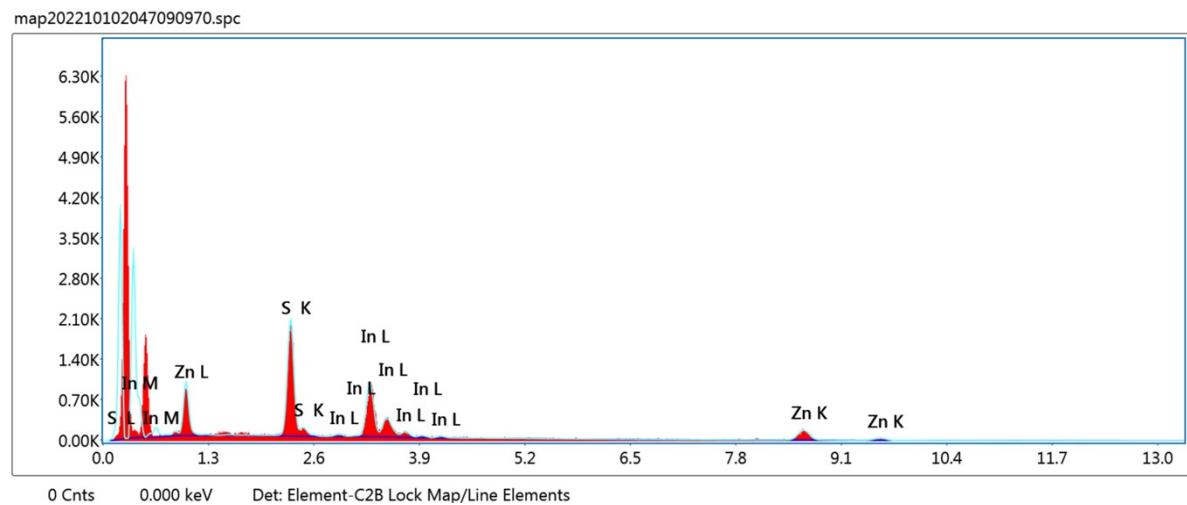


Fig S4. EDS spectrum of ZnIn_2S_4 nanocrystals isolated at 20 minutes.

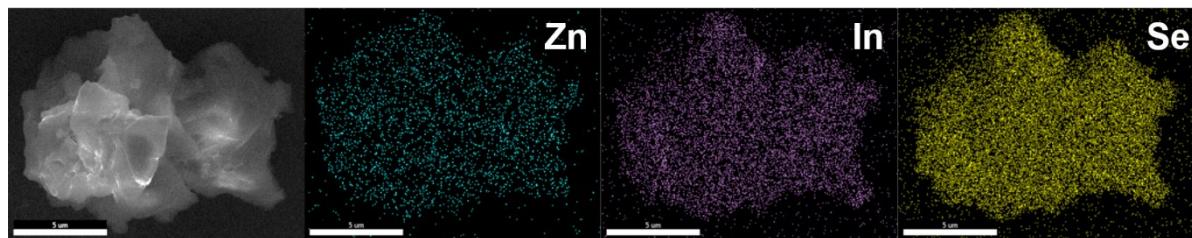


Fig S5. 2D elemental mapping of the constituent elements of ZnIn₂S₄ nanocrystals.

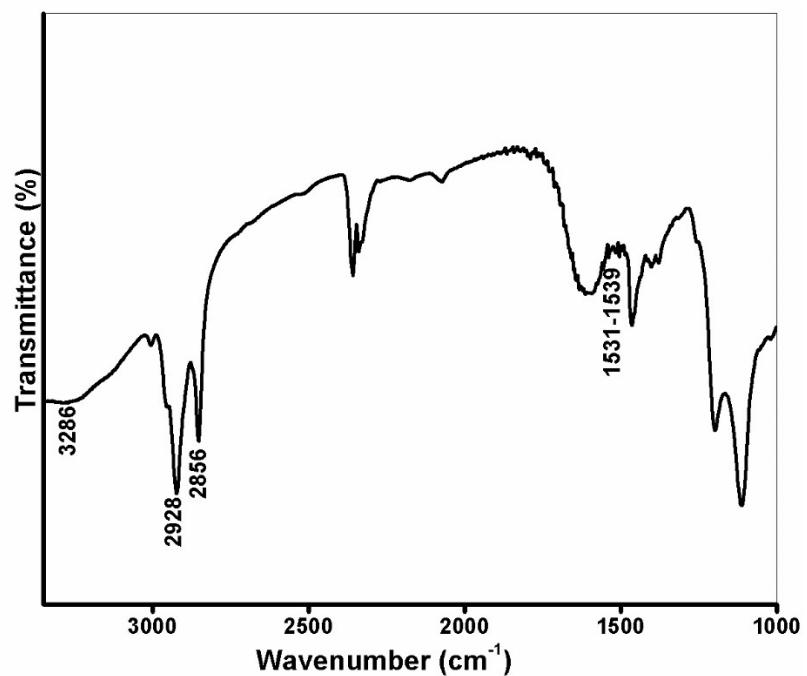


Fig S6. Representative IR spectrum of ZnIn₂S₄ nanocrystals.