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Supplementary Information

Microwave-assisted synthesis of highly luminescent glutathione-capped $Zn_{1-x}Cd_xTe$ alloyed quantum dots with excellent biocompatibility

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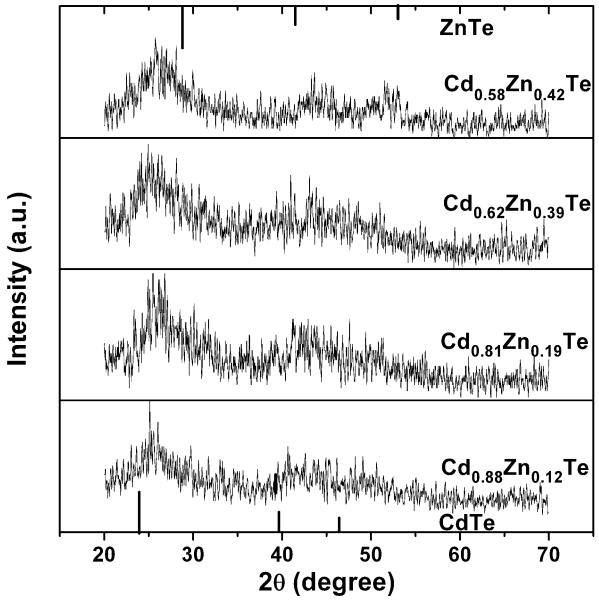
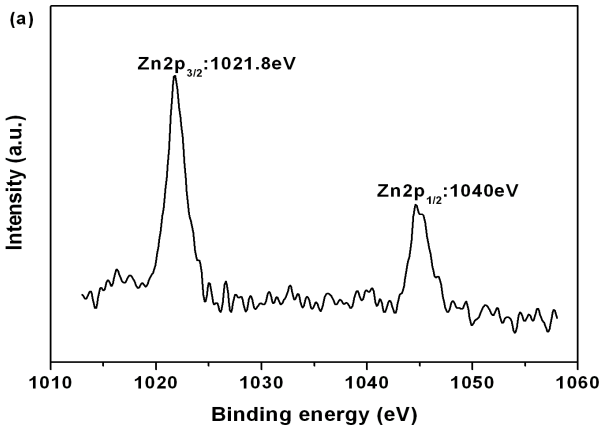


Fig. S1 Powder XRD patterns of GSH-capped $Zn_{1-x}Cd_xTe$ alloyed QDs with the same reaction time of 30 min. The line XRD spectra correspond to bulk CdTe (bottom) and bulk ZnTe (top).



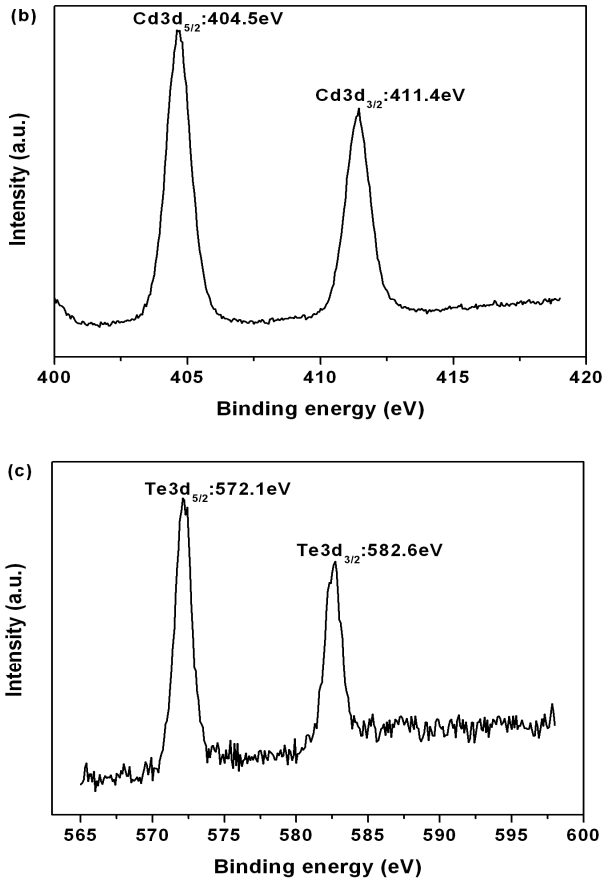


Fig. S2 XPS spectra of GSH-capped $Zn_{0.38}Cd_{0.62}Te$ alloyed QDs: (a) Zn2p, (b) Cd3d, (c) Te3d.