Supporting Information for

"One-pot synthesis of CdS-reduced graphene oxide 3D composites with enhanced photocatalytic properties"

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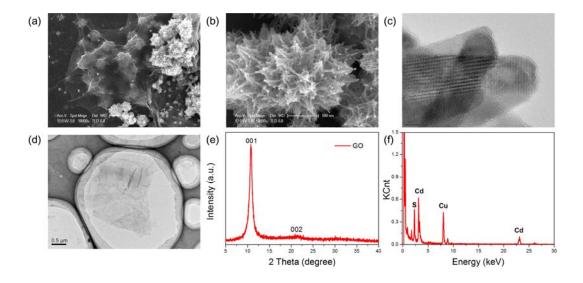


Fig. S1 High-magnification SEM image of (a) CdS/rGO and (b) nest-like CdS particles. (c) HRTEM image of CdS/rGO. (d) TEM image of pure rGO. (e) XRD pattern of GO. (f) EDX pattern of CdS/rGO.

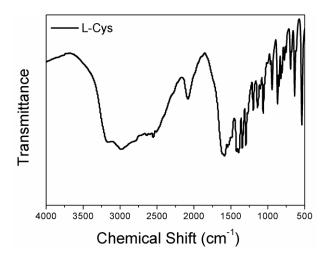


Fig. S2 FTIR spectra of L-Cys.

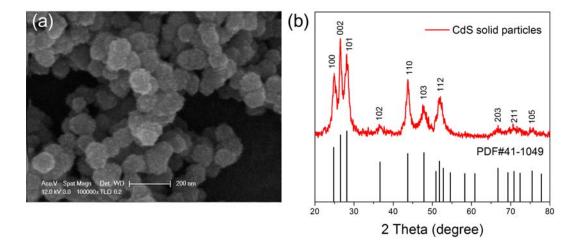


Fig. S3 (a) SEM image and (b) XRD pattern of CdS solid particles.