

Supporting Information

Noninjection Ultralarge-Scaled Synthesis of Shape-Tunable CdS

Nanocrystals as Photocatalysts

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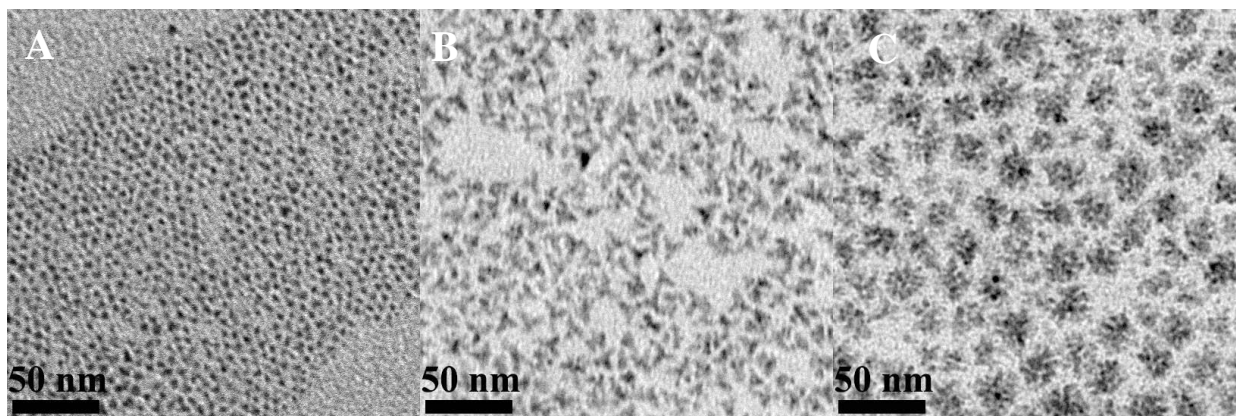


Fig. S1 TEM images of CdS NCs with spheres (A), branches (B) and flowers (C) after the reaction was scaled up.

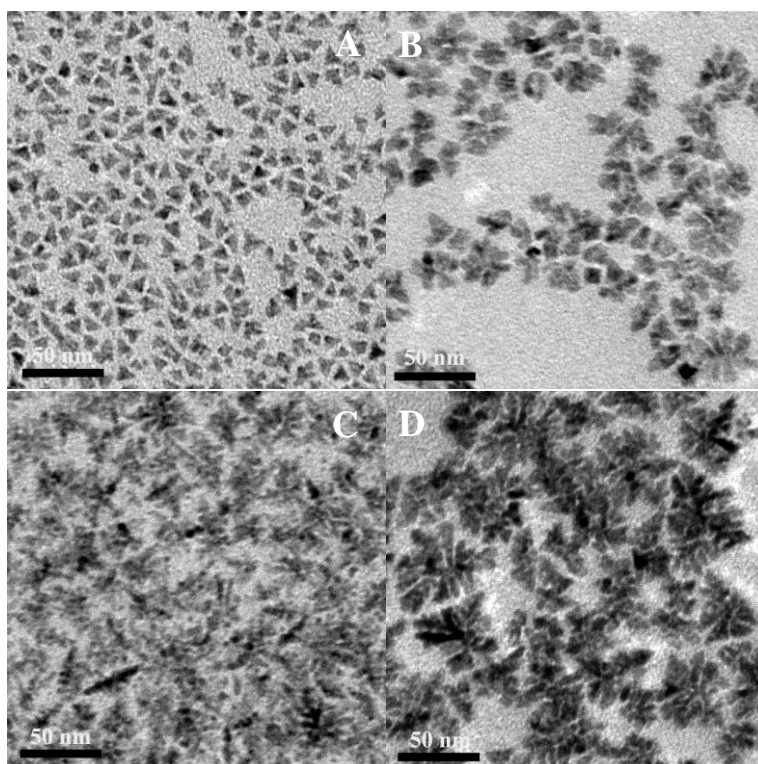


Fig. S2 TEM images of CdS NCs obtained under different amounts of OA: 3.0 mL (A), 5.0 mL (B), 10.0 mL (C), and 20.0 mL (D).

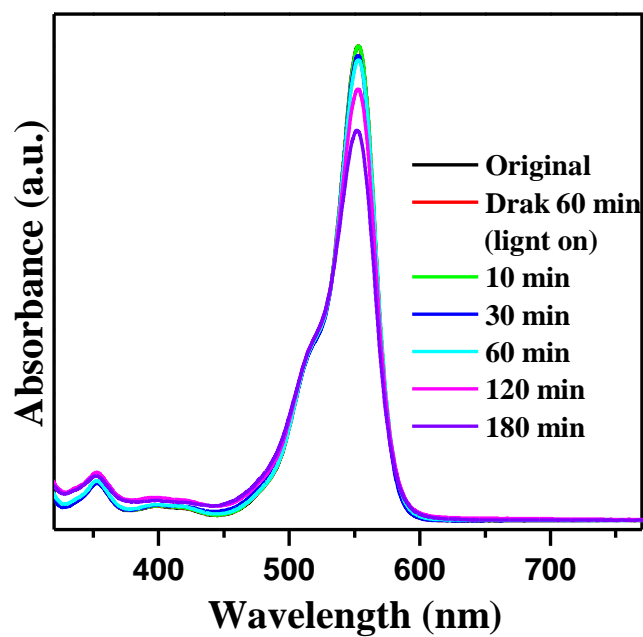


Fig. S3 Temporal evolution of the absorption spectra of RhB aqueous solution without the presence of CdS NCs under UV light irradiation.

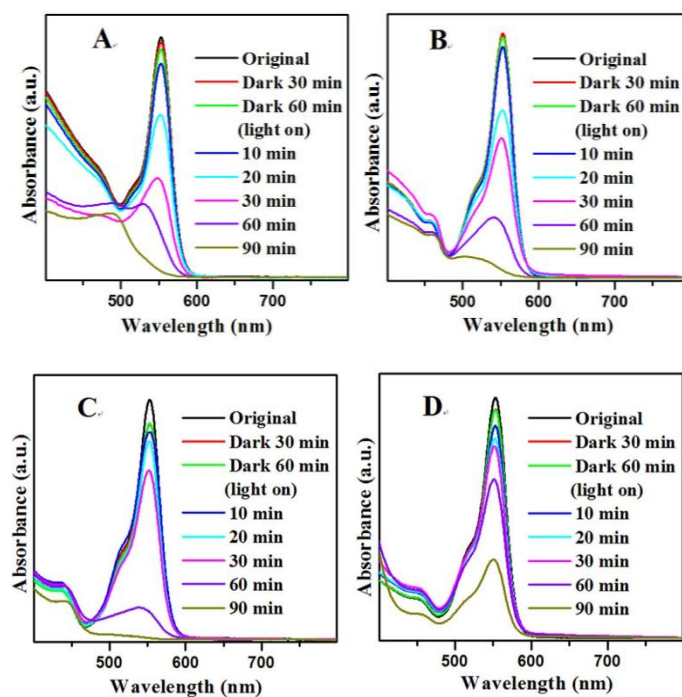


Fig. S4 Temporal evolution of the absorption spectra of RhB in the presence of CdS NCs with different shapes of (A) Tetrahedrons (B) Branches (C) Flowers (D) Spheres.