Electronic Supplementary Material (ESI) for RSC Advances.

Facile Synthesis of ZnO/CdS@ZIF-8 Core-Shell Nanocomposites and Their Applications in Photocatalytic Degradation of Organic Dyes

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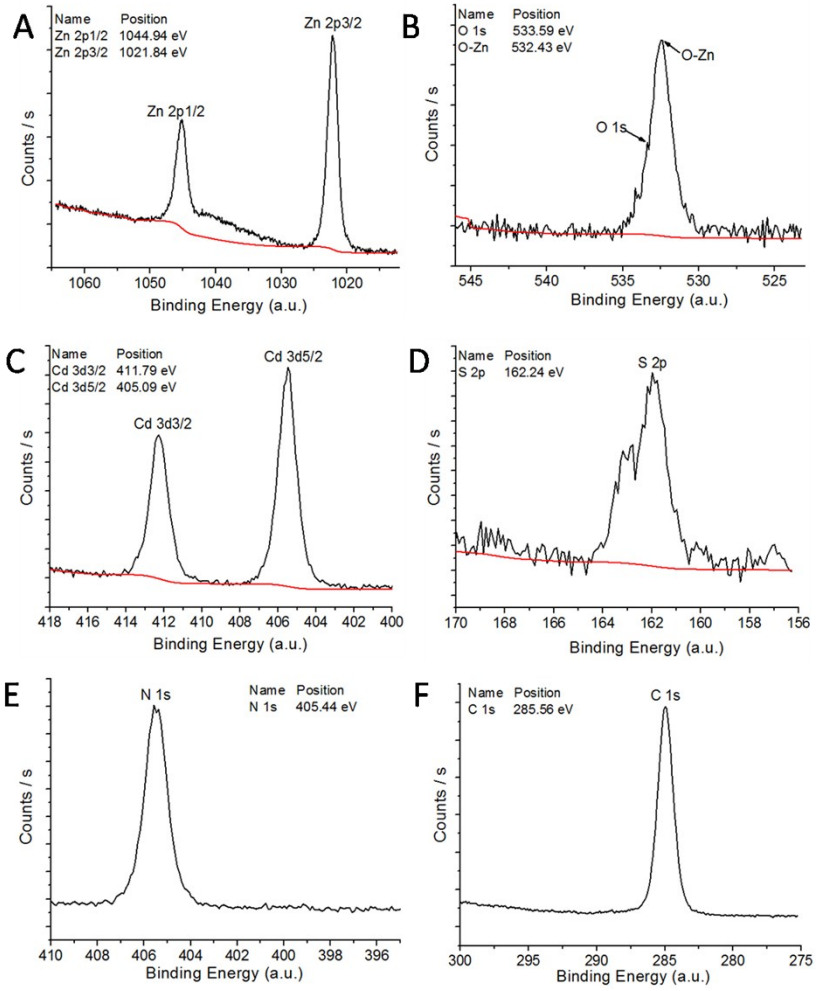

Fig. S1. High-resolution XPS element spectrum of ZnO/CdS@ZIF-8.

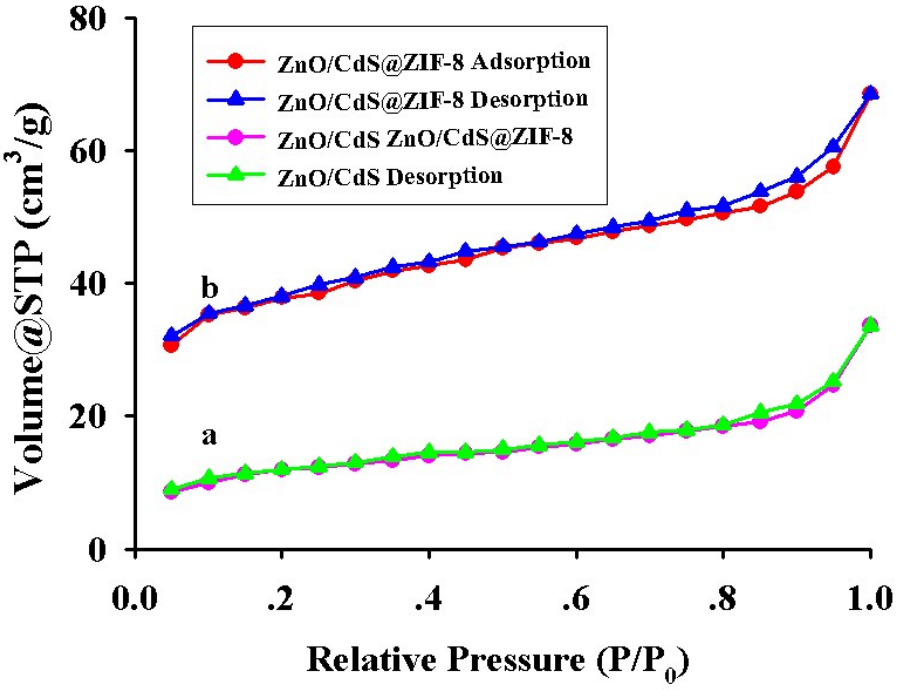

Fig. S2. Nitrogen adsorption-desorption isotherm of (a) ZnO/CdS and (b) ZnO/CdS@ZIF-8.

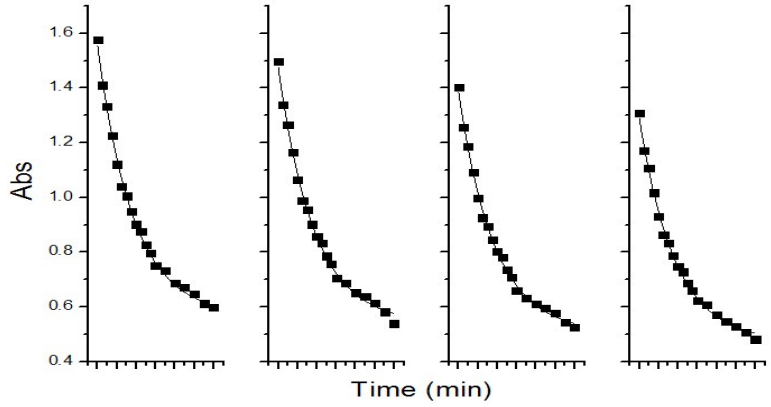

Fig. S3. Recyclability of the ZnO/CdS@ZIF-8 nanocomposites for the photocatalytic degradation of RhB.

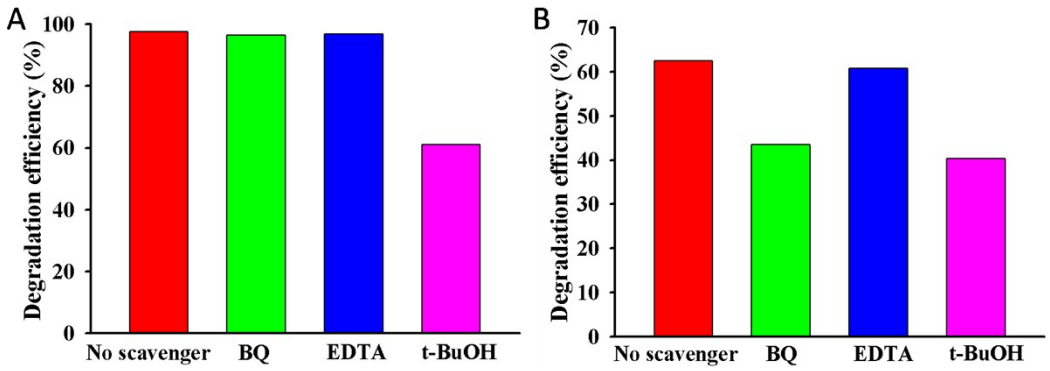

Fig. S4. Photocatalytic degradation efficiencies of ZnO/CdS@ZIF-8 for (A) MB and (B) RhB in the presence of scavengers (the concentration of the scavengers were all 10 mM).