

Supporting information:

Reduced Graphene Oxide-CdS Nanocomposites with Enhanced Visible-light Photoactivity Synthesized Using Ionic-liquid Precursors

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Table S1 BET specific area of the pure CdS and the RGO/CdS nanocomposites

	RGO weight content (wt. %)				
Sample	0	1%	5%	10%	15%
S_{BET} ($\text{m}^2 \cdot \text{g}^{-1}$)	5.9	18.0	18.5	28.3	36.4

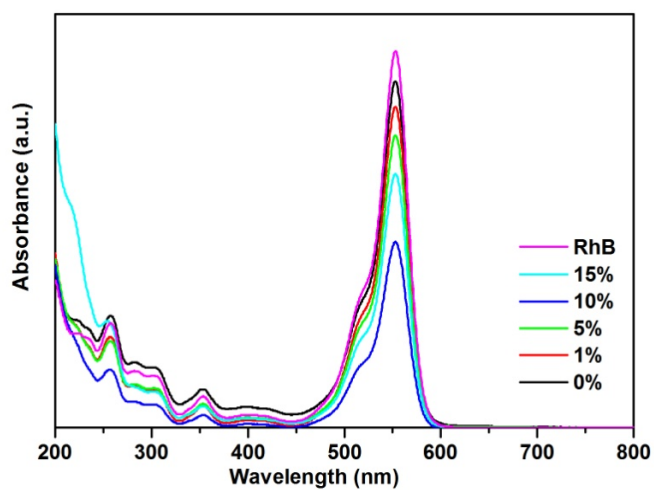


Figure S1 Variation of absorbance after adsorption-desorption equilibrium for the pure CdS and the RGO/CdS nanocomposites with different RGO weight ratios