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Supporting Information

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Synthesis of ZnS/CuS nanospheres loaded on reduced graphene oxide as high-performance photocatalysts under simulated sunlight irradiation

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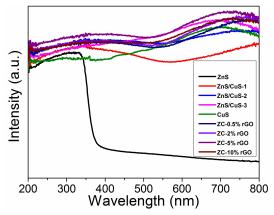


Fig. S1. UV-vis diffuse reflectance spectra of ZnS, ZnS/CuS-1, ZnS/CuS-2, ZnS/CuS-3, CuS, ZC-0.5%rGO, ZC-2%rGO, ZC-5%rGO and ZC-10%rGO.

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Table S1. The adsorption efficiency of as-synthesized nanomaterials

Nanomaterials	Adsorption rate for EB (%)	Adsorption rate for MB (%)
Adsorption for EB and MB in the individual dye solutions		
ZnS	3.28	5.89
ZnS/CuS-1	2.10	13.10
ZnS/CuS-2	1.38	12.87
ZnS/CuS-3	1.73	10.75
CuS	1.34	12.13
ZC-5%rGO	4.48	14.08
ZC-10%rGO	8.13	18.75
Adsorption for EB and MB in the mixed dye solutions		
ZnS/CuS-3	4.20	14.92
ZC-0.5%rGO	4.60	12.12
ZC-2%rGO	3.85	17.50
ZC-5%rGO	11.70	21.07
ZC-10%rGO	16.06	23.87