Supplementary Information

Catalytically Engineered Reduced Graphene Oxide/ZnO Hybrid Nanocomposites for the Adsorption, Photoactivity and Selective Oil Pick-Up from Aqueous Media

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Fig. S1 (A and B) TEM images of ZnO@rGO and ZnO/Si@rGO (C and D) EDX spectra of ZnO@rGO and ZnO/Si@rGO.
**Fig. S2** (A) TEM image and the corresponding SAED pattern of ZnO-rGO composite synthesized via physical blending technique.

**Fig. S3** UV-vis absorption spectra of ZnO, ZnO-rGO, ZnO/Si@rGO and ZnO@rGO.
Fig. S4 Plot of $\ln(C_0/C)$ versus $t$. 