

Electronic Supplementary Information

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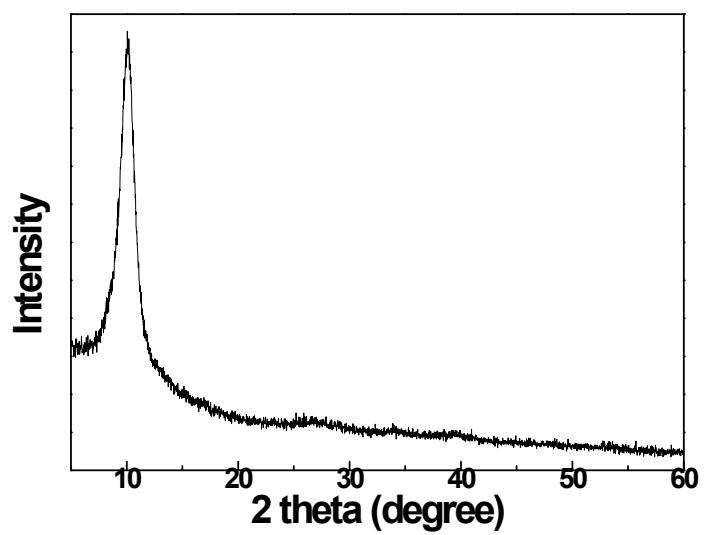


Fig. S1 XRD pattern of reduced graphene oxide

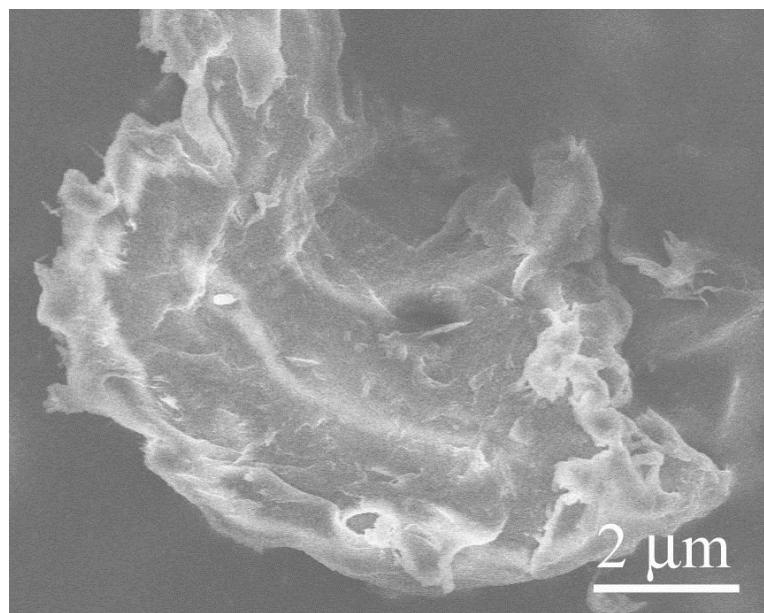


Fig. S2 SEM image of reduced graphene oxide.

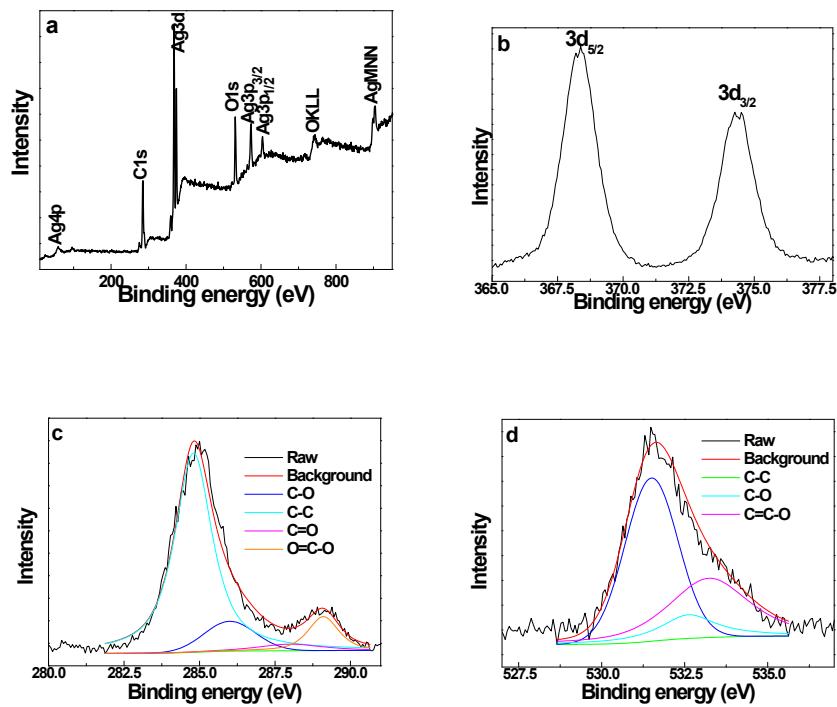


Fig. S3 XPS spectra of (a) survey, (b) Ag 3d, (c) C 1s and (d) O 1s in Ag_2CO_3 /2 wt% RGO.

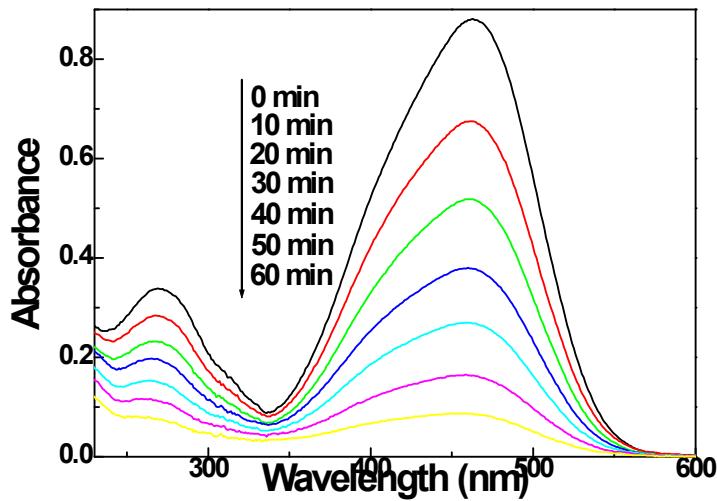


Fig. S4 Absorption changes of methyl orange aqueous solution in the presence of Ag_2CO_3 /2 wt% RGO sample under visible light irradiation.