Electronic Supplementary Information

Highly Efficient Visible-Light-Driven Plasmonic Photocatalysts based on Graphene Oxide Mediated Hybridization of Graphite and Ag/AgBr

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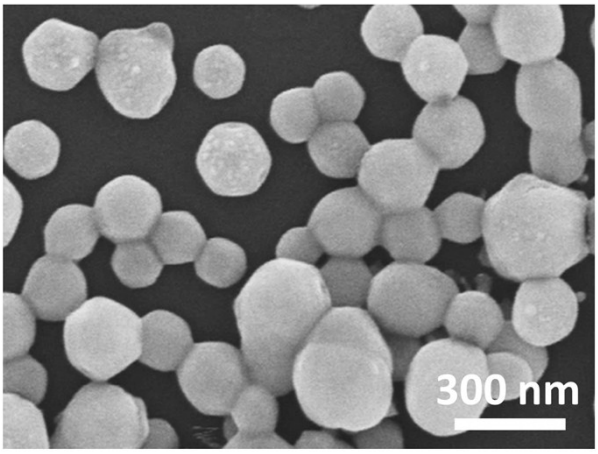

Fig. S1 The typical SEM image of the Ag/AgBr structures.

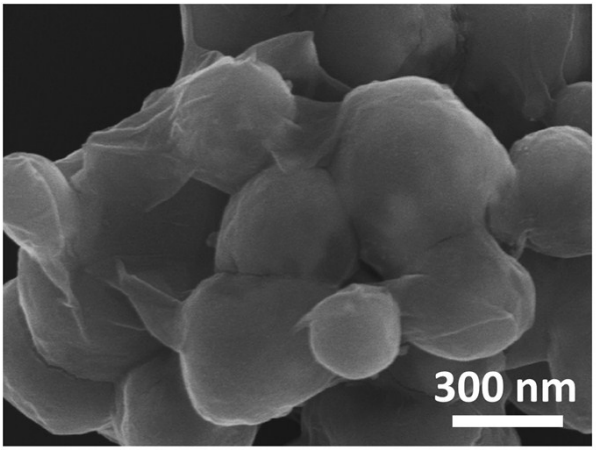

Fig. S2 The typical SEM image of the GO/Ag/AgBr structures.

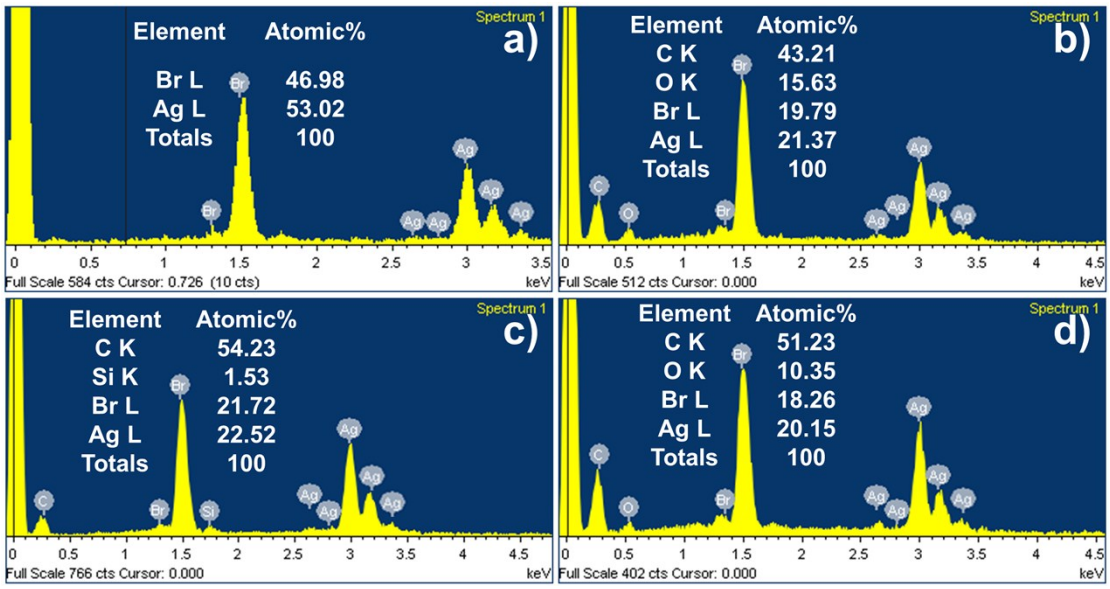

Fig. S3 The EDX elemental analysis of our Ag/AgBr (a), GO/Ag/AgBr (b), Gr/Ag/AgBr (c) and Gr/GO/Ag/AgBr (d) structures. The semiquantitative elemental analysis results for each sample are listed in the corresponding panels. The signals ascribing to Si element could also be detected in some cases, since Si plates were used as the solid support for the measurements.

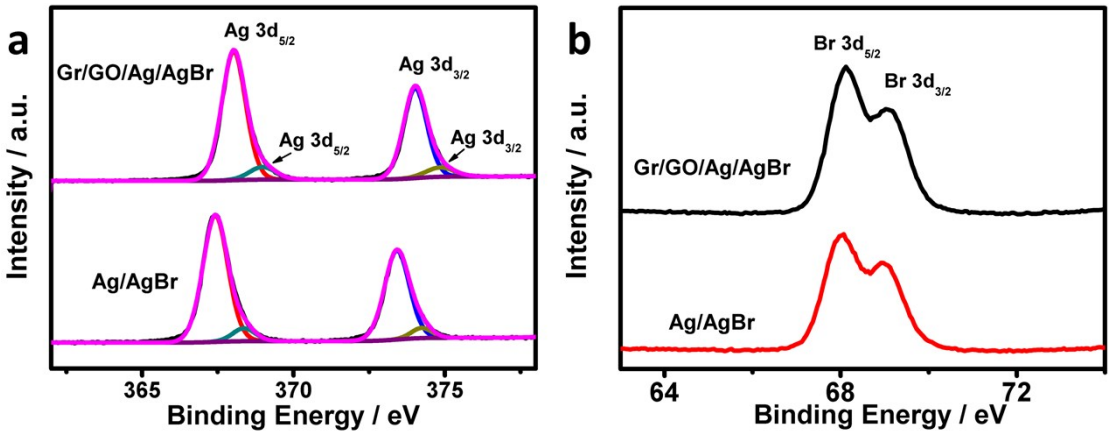

Fig. S4 Typical XPS spectra of Ag 3d (a) and Br 3d (b) of our Ag/AgBr and Gr/GO/Ag/AgBr structures.