

Electronic Supplementary Information (ESI)

Graphene oxide coupled AgBr nanosheets: an efficient dual-functional visible-light-responsive nanophotocatalyst with enhanced performance

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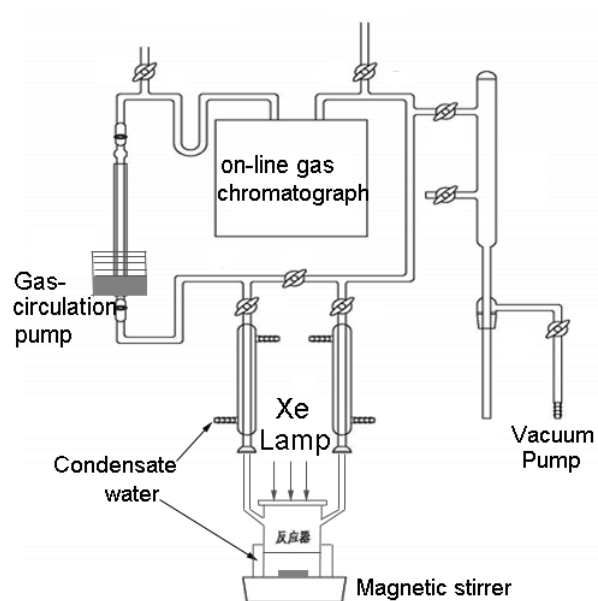


Figure S1. The schematic illustration of the hydrogen evolution system.

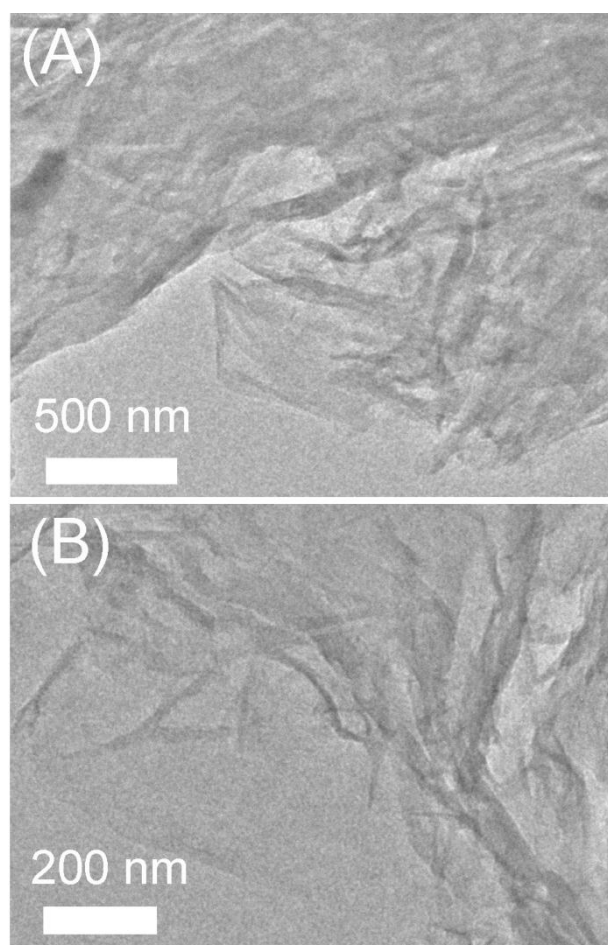


Figure S2. The TEM images of GO sheets.

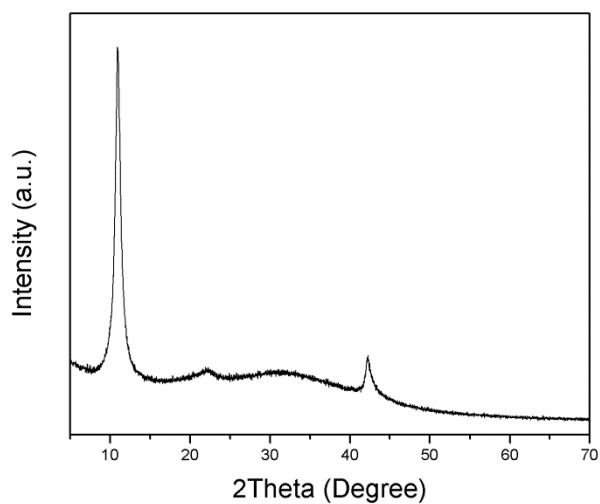


Figure S3. XRD pattern of as-prepared GO sample.

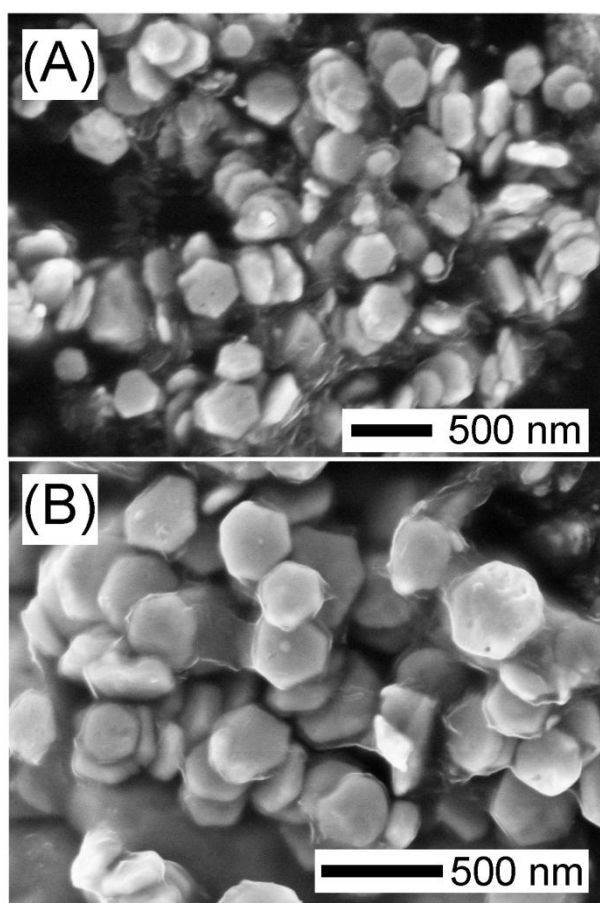


Figure S4. The SEM images of GO@AgBr hybrid nanosheets.

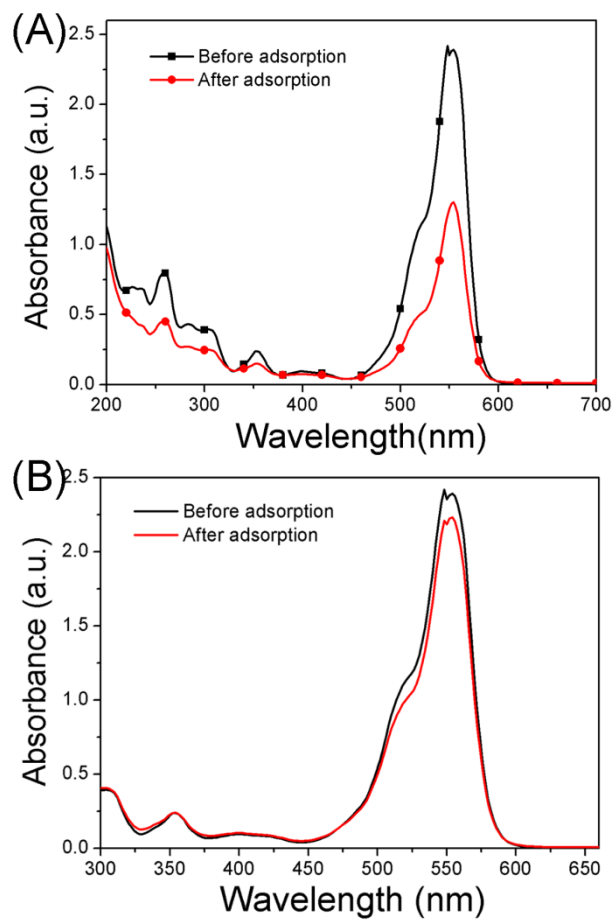


Figure S5. Absorption spectra of RhB solution before and after adsorption on (A) GO@AgBr nanocomposites and (B) bare AgBr nanosheets.

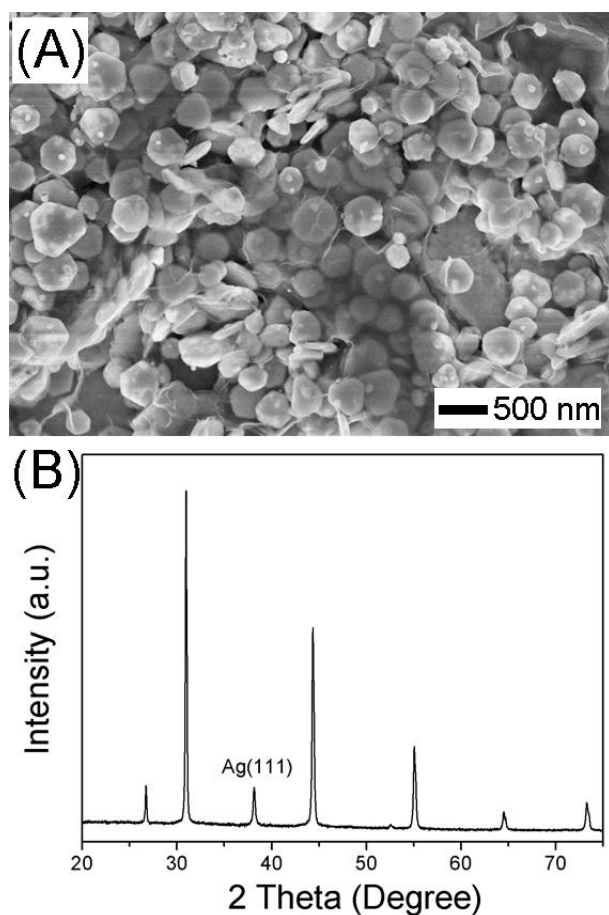


Figure S6. The SEM images (A) and XRD pattern (B) of GO@AgBr after repeated uses for the degradation of RhB solution.

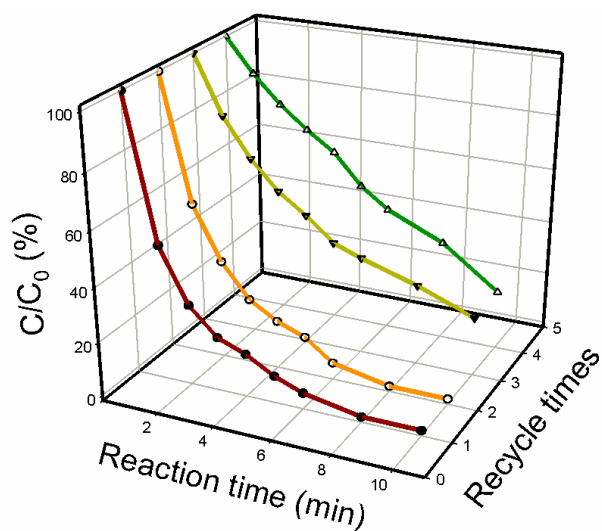


Figure S7. The degradation curves of RhB solution for 4 successive reactions catalyzed with the same batch of AgBr nanosheets under visible-light irradiation.