Electronic Supplementary Information (ESI)

Synthesis of three-dimensional $AgI@TiO_2$ nanoparticles with improved photocatalytic performance

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Figure S1. EDAX spectrum of $AgI@TiO_2$, indicating that sample contains Ag, I, Ti, and O. Ag, I, Ti and O peaks are from the obtained $AgI@TiO_2$ nanoparticles. The Al peak is from the substrate holder, and C peak may be caused by the adsorbed carbon oxides on the sample in the air.



Figure S2. The absorption spectra of RhB solution before and after adsorption on the surfaces of AgI@TiO₂ nanocomposites.