

Electronic supplementary information (ESI) for

“Simulated sunlight photocatalytic degradation of aqueous *p*-nitrophenol and bisphenol A in the Pt/BiOBr film-coated quartz fiber photoreactor”

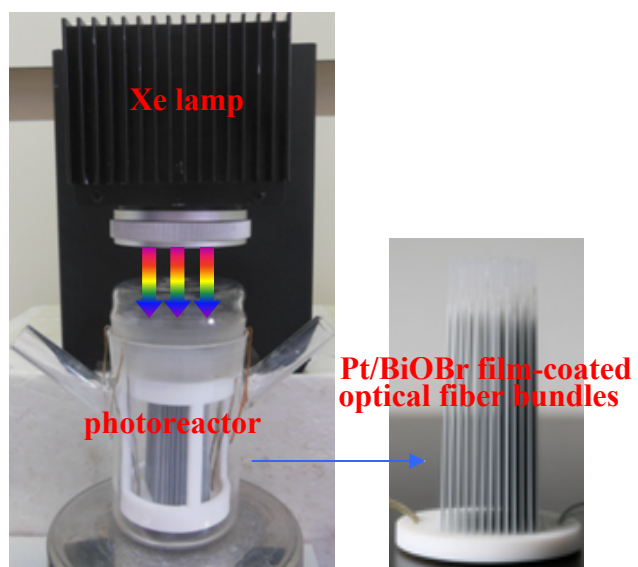


Fig. S1. Self-made Pt/BiOBr film-coated quartz fiber photoreactor system.

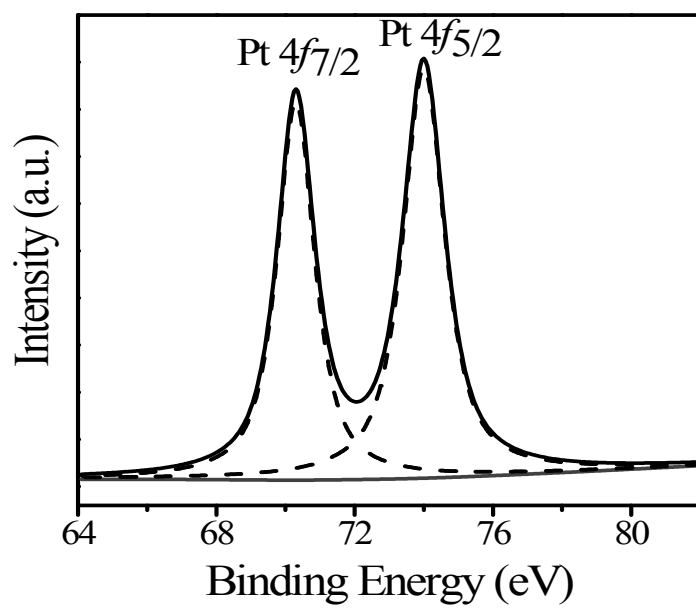


Fig. S2. XPS survey spectra of the Pt/BiOBr-1.99 powder in the Pt 4f binding energy region.

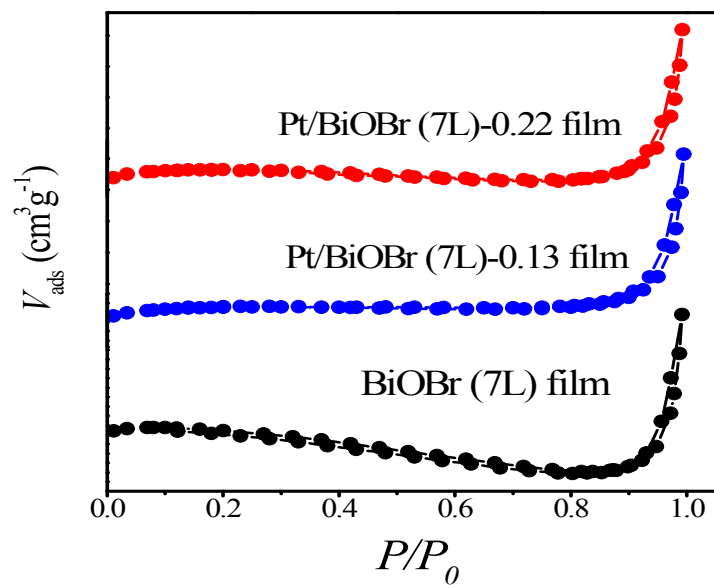


Fig. S3. Nitrogen gas adsorption-desorption isotherms of BiOBr (7L) film and Pt/BiOBr (7L) film.

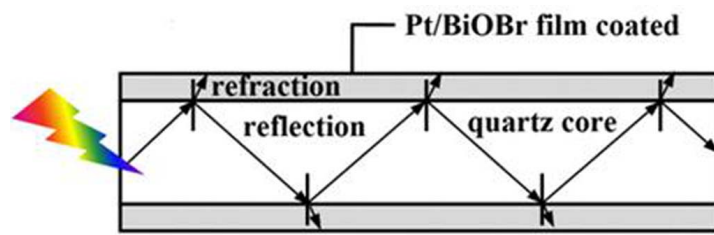


Fig. S4 The light transmission in a Pt/BiOBr film-coated quartz fiber bundle.

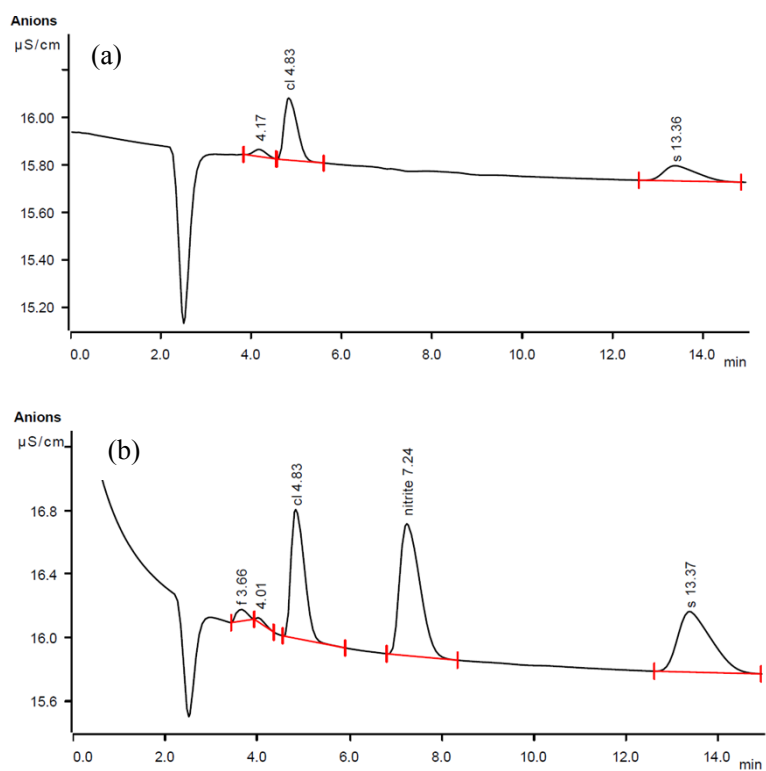


Fig. S5 IC elution curves recorded during photocatalytic degradation of PNP over as-prepared Pt/BiOBr-027 (a) before PNP degradation, and (b) after simulated sunlight irradiating for 60 min. Metrohm 881 Compact ion chromatography (IC) equipped with a Metrosep A SUPP4 anion column and conductivity detector. Na_2CO_3 (1.8 mmol L^{-1}) and NaHCO_3 (0.17 mmol L^{-1}) are used as the mobile phase.