Electronic Supplementary Material (ESI) for RSC Advances.

Plasmonic photocatalyst Ag@AgCl/$ZnSn(OH)_6$: Synthesis, characterization and enhanced visible-light photocatalytic activities in the decomposition of dyes and phenol

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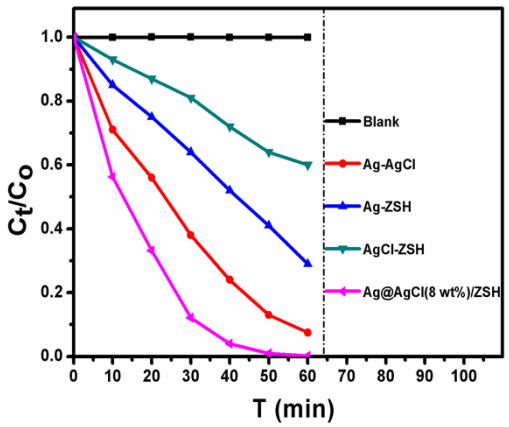

Figure S1 Comparison of the photocatalytic activities in degradation of RhB by ZSH, Ag@AgCl, Ag-ZSH and Ag@AgCl(8 wt%)/ZSH.

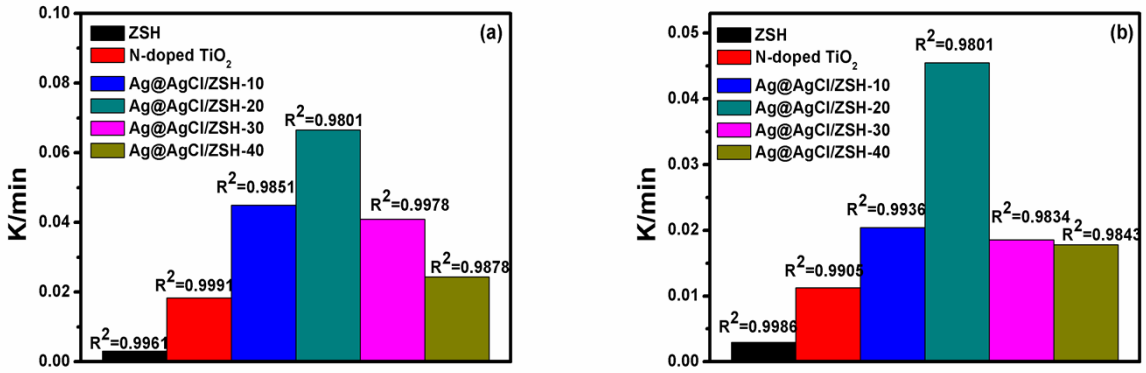

Figure S2 The degradation rate constants of RhB (a) and CV (b) solution with different samples.

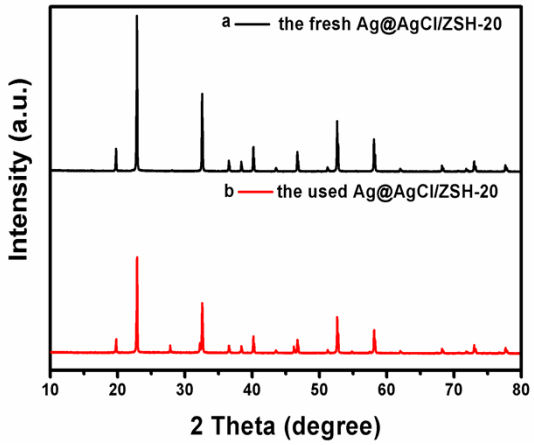

Figure S3 The XRD patterns of the used and fresh Ag@AgCl/ZSH-20 in the photodegrdation of RhB solution under visible light irradiation for five consecutive cycles.