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Electronic Supplementary Information (ESI)

Ternary semiconductor Zn_xAg_{1-x}S nanocomposites for efficient photocatalytic

degradation of organophosphorus pesticides †

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Figure S1 The Photocatalytic degradation of (a) MLT, (b) MCP and (c) CPS were traced through UV-visible absorption spectra in the absence of the $Zn_xAg_{1-x}S$ composite photocatalysts

Figure S2 The Photocatalytic degradation of (a) MLT, (b) MCP and (c) CPS were traced through UV-visible absorption spectra in the presence of the $Zn_xAg_{1-x}S$ composite photocatalysts

Figure S3 Effects of the addition of different scavengers on the photocatalytic degradation of (a) MLT, (b) MCP and (c) CPS over ZnS composite photocatalysts

Figure S4 Effects of the addition of different scavengers on the photocatalytic degradation of (a) MLT, (b) MCP and (c) CPS over Ag₂S composite photocatalysts

Figure S5 Cycling runs in the photocatalytic degradation of (a) MLT, (b) MCP and (c) CPS in the presence of synthesized ZnS composite photocatalysts under UV light irradiation

Figure S6 Cycling runs in the photocatalytic degradation of (a) MLT, (b) MCP and (c) CPS in the presence of synthesized Ag_2S composite photocatalysts under UV light irradiation

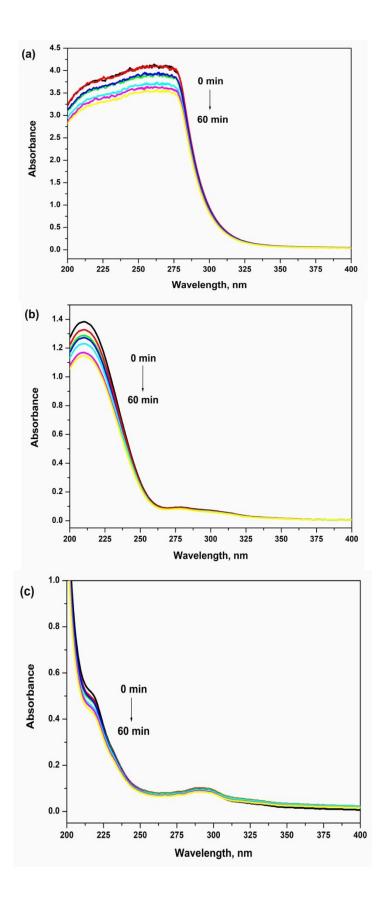


Figure S1

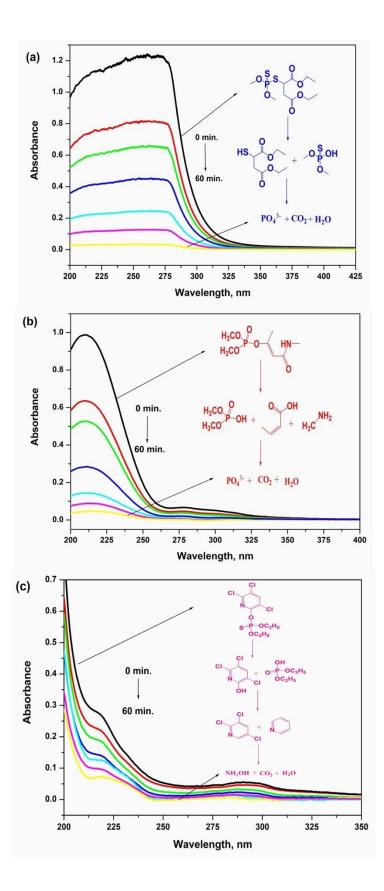


Figure S2

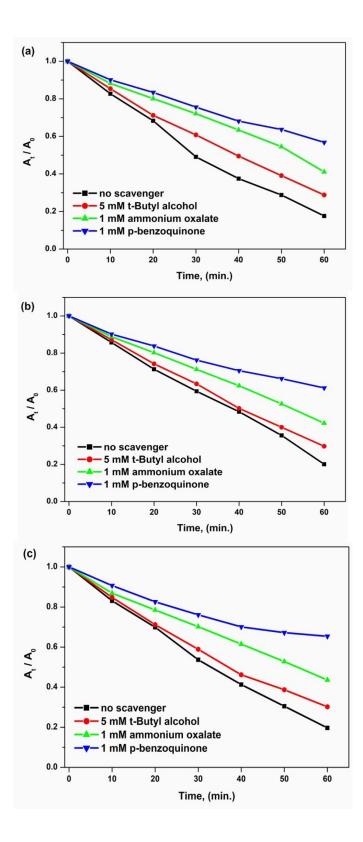


Figure S3

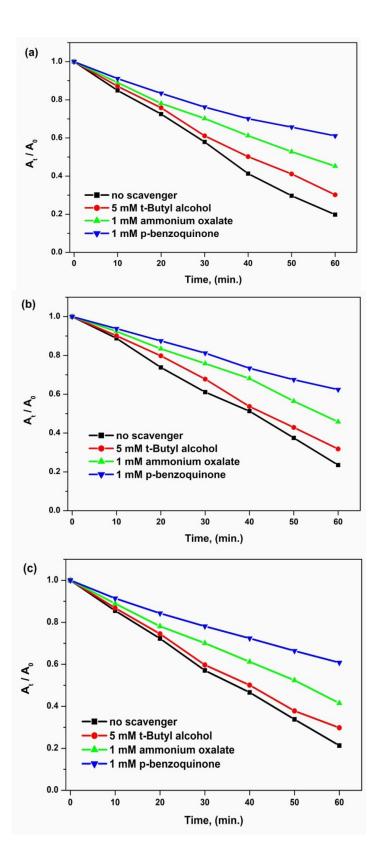


Figure S4

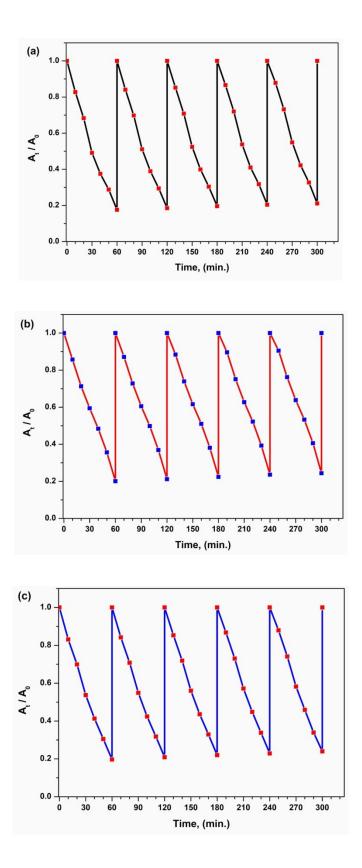


Figure S5

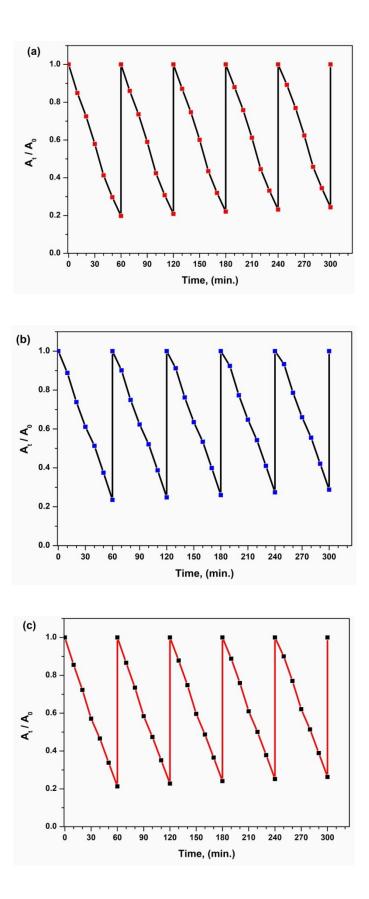


Figure S6