

## Ag<sub>3</sub>PO<sub>4</sub>/BiVO<sub>4</sub> 复合光催化剂的制备及可见光催化降解染料

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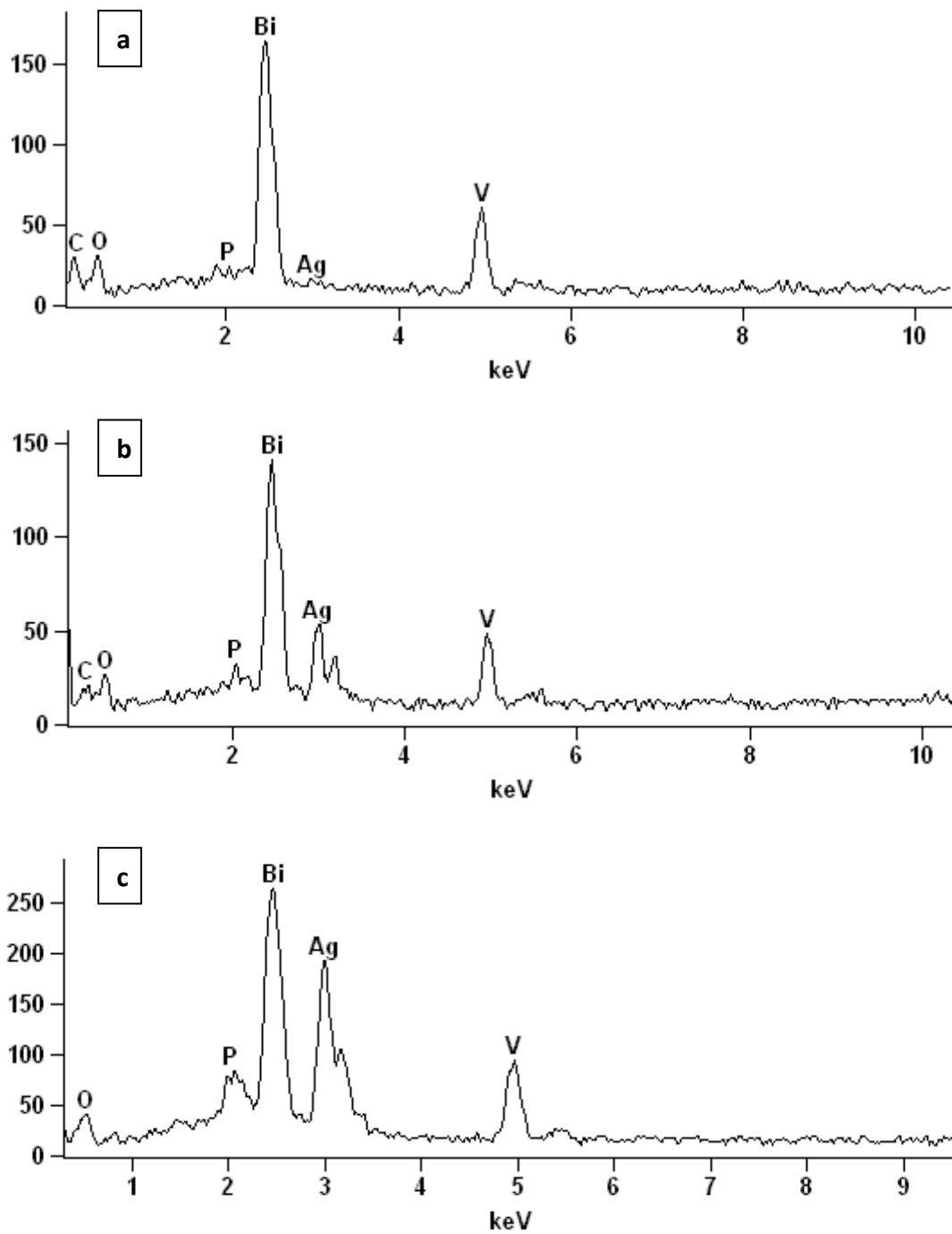
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## Synthesis of Ag<sub>3</sub>PO<sub>4</sub>/BiVO<sub>4</sub> Composite Photocatalyst and Its Photocatalytic Degradation of Dyes under Visible Light Irradiation

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**Fig.S1 EDS spectra of the as-obtained composite photocatalysts**

(a) Ag<sub>3</sub>PO<sub>4</sub>/BiVO<sub>4</sub>(1:10); (b) Ag<sub>3</sub>PO<sub>4</sub>/BiVO<sub>4</sub>(1:5); (c) Ag<sub>3</sub>PO<sub>4</sub>/BiVO<sub>4</sub>(1:3)

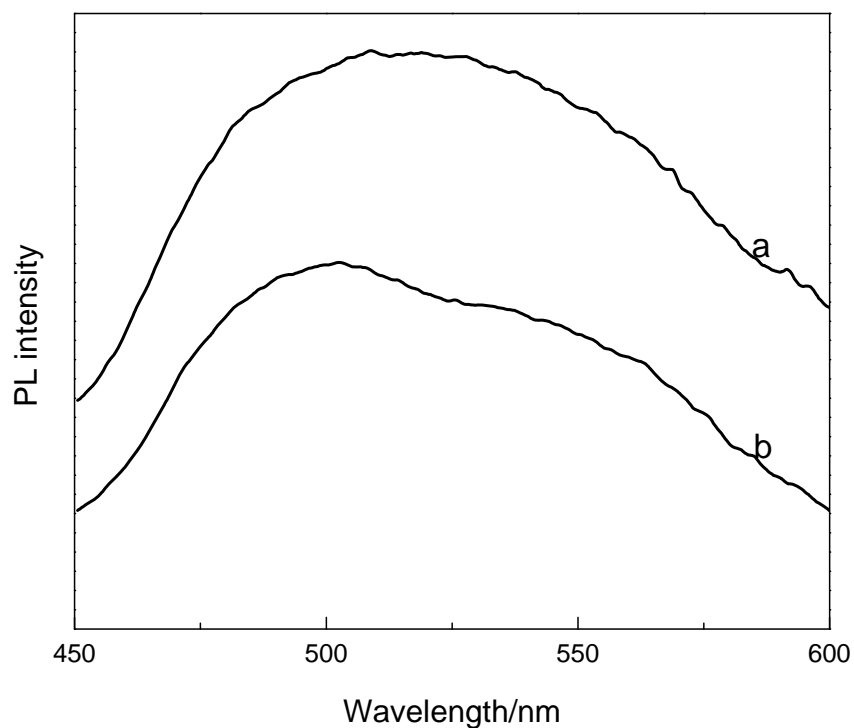


Fig.S2 Photoluminescence spectra of  $\text{Ag}_3\text{PO}_4/\text{BiVO}_4$  (1:3) (a) and  $\text{Ag}_3\text{PO}_4$  (b)

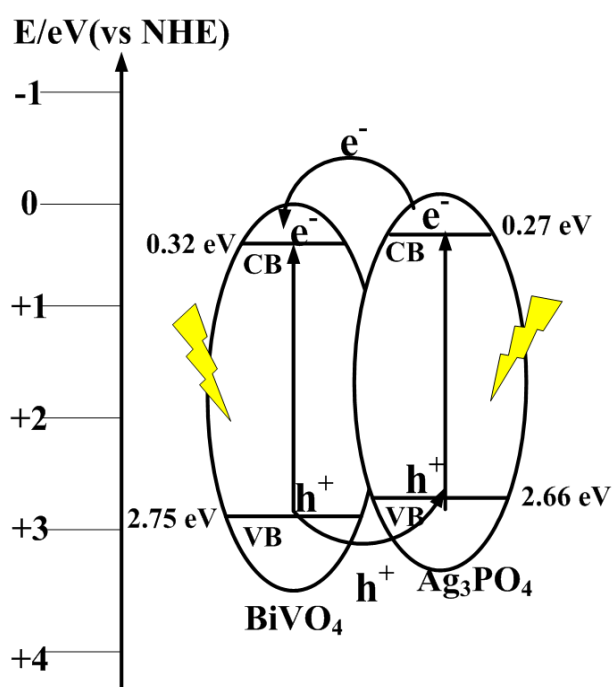


Fig.S3 Schematic of the charge separation in  $\text{Ag}_3\text{PO}_4/\text{BiVO}_4$  composite photocatalyst under visible light irradiation