Electronic Supplementary Material (ESI) for New Journal of Chemistry.

Supporting Information

Synthesis of $Bi_2Sn_2O_7$ and enhanced photocatalytic activity of $Bi_2Sn_2O_7$ hybridized with C_3N_4

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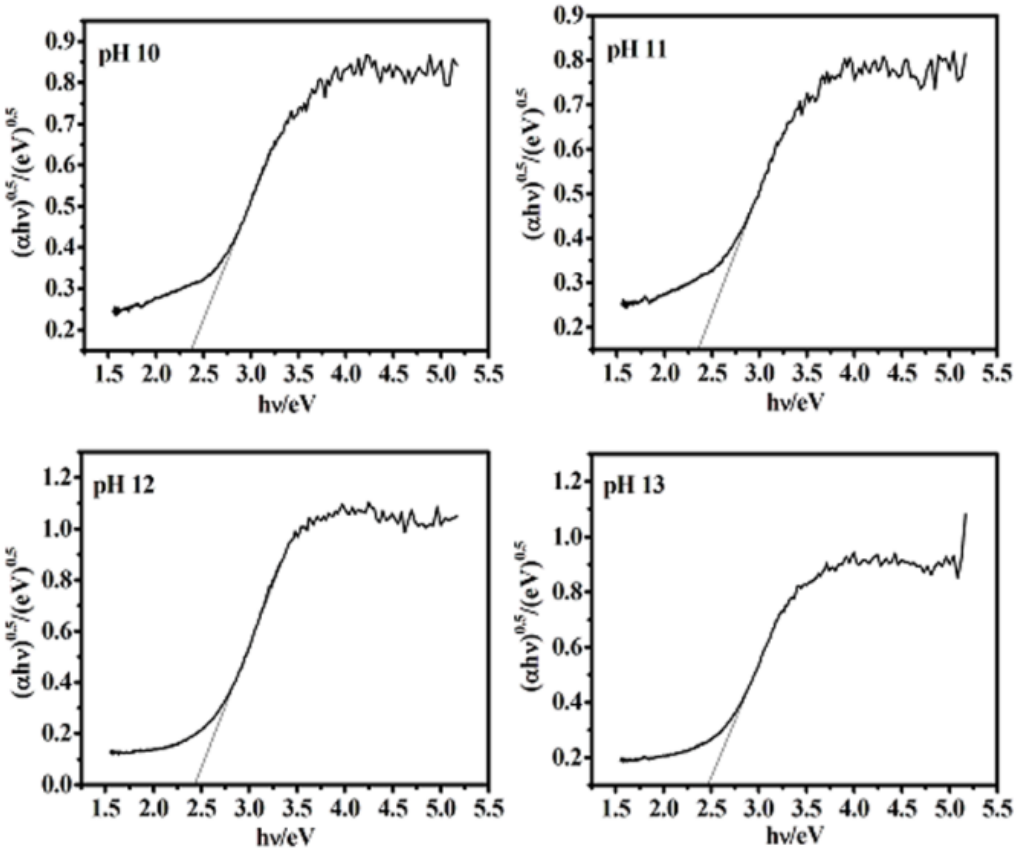

Fig. 1. The plots of $(\alpha h\upsilon)^2$ vs. photon energy ($h\upsilon$).

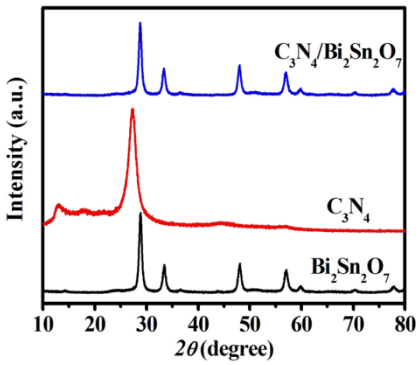

Fig. 2. XRD pattern of $Bi_2Sn_2O_7$, C_3N_4 and $C_3N_4/Bi_2Sn_2O_7$ (12%).

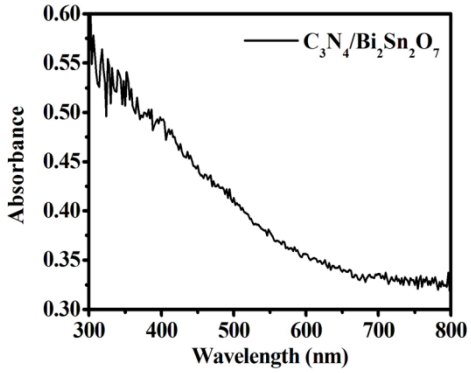

Fig. 3. The typical UV-vis DRS of $C_3N_4/Bi_2Sn_2O_7$ (12%).

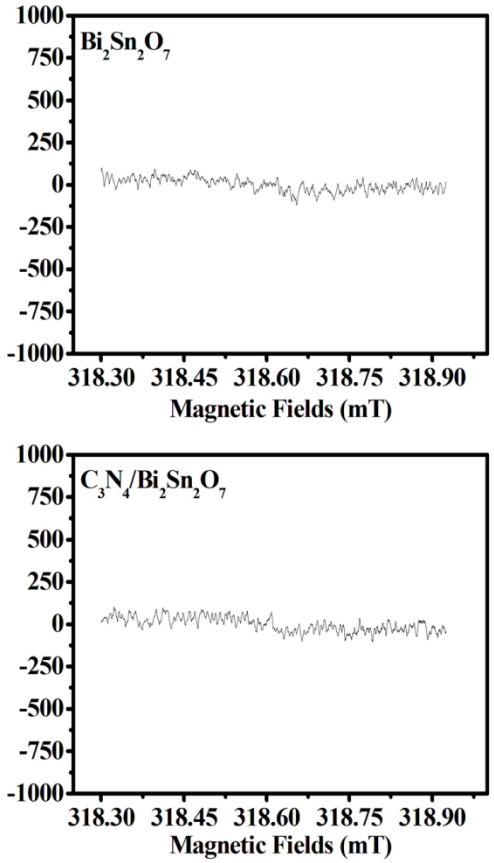

Fig. 4. EPR spectra of $Bi_2Sn_2O_7$ and $C_3N_4/Bi_2Sn_2O_7$ (12%) photocatalysts in water.

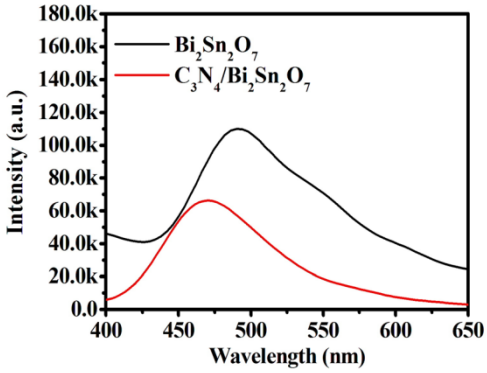

Fig. 5. Photoluminescence spectra of $Bi_2Sn_2O_7$ and $C_3N_4/Bi_2Sn_2O_7$ (8%).