Supporting Information

Synthesis of Bi$_2$Sn$_2$O$_7$ and enhanced photocatalytic activity of Bi$_2$Sn$_2$O$_7$ hybridized with C$_3$N$_4$

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Fig. 1. The plots of \((a h v)^2\) vs. photon energy \((h v)\).
Fig. 2. XRD pattern of Bi$_2$Sn$_2$O$_7$, C$_3$N$_4$ and C$_3$N$_4$/Bi$_2$Sn$_2$O$_7$ (12%).
Fig. 3. The typical UV-vis DRS of $\text{C}_3\text{N}_4/\text{Bi}_2\text{Sn}_2\text{O}_7$ (12%).
Fig. 4. EPR spectra of Bi$_2$Sn$_2$O$_7$ and C$_3$N$_4$/Bi$_2$Sn$_2$O$_7$ (12%) photocatalysts in water.
Fig. 5. Photoluminescence spectra of Bi$_2$Sn$_2$O$_7$ and C$_3$N$_4$/Bi$_2$Sn$_2$O$_7$ (8%).