

Supporting information

Facile and fast synthesis of urchin-shaped $\text{Fe}_3\text{O}_4@\text{Bi}_2\text{S}_3$ core-shell hierarchical structures and their magnetically recyclable photocatalytic activity

Shunrui Luo,^a Fang Chai,^b Lingyu Zhang,^a Chungang Wang^{*a}, Lu Li,^a Xianchun Liu,
^a Zhongmin Su,^{*a}

^a Institute of Functional Material Chemistry, Faculty of Chemistry, Northeast Normal University, Changchun 130024, P. R. China

^b College of Chemistry & Chemical Engineering, Harbin Normal University, Harbin 150025, P. R. China

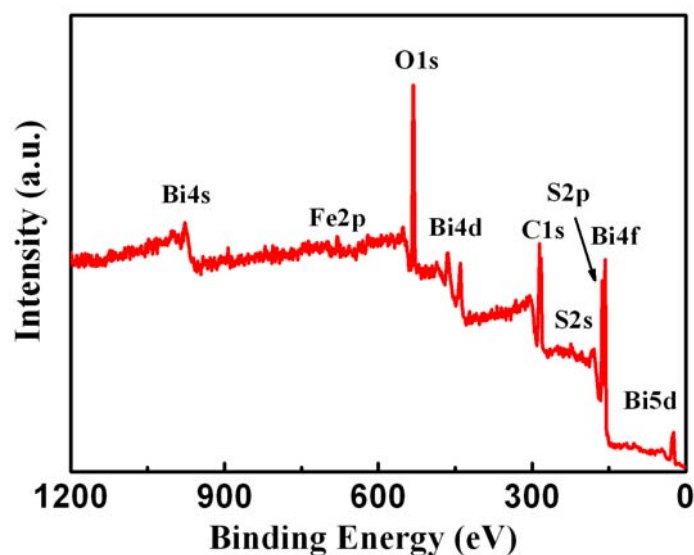


Fig. S1 XPS fully scanned spectrum of the prepared urchin-shaped $\text{Fe}_3\text{O}_4@\text{Bi}_2\text{S}_3$ core-shell hierarchical structures.