

***Supporting Information***  
**for**

**BiO<sub>2</sub>COOH hierarchical nanostructures: Shape-controlled solvothermal synthesis and photocatalytic degradation performances**

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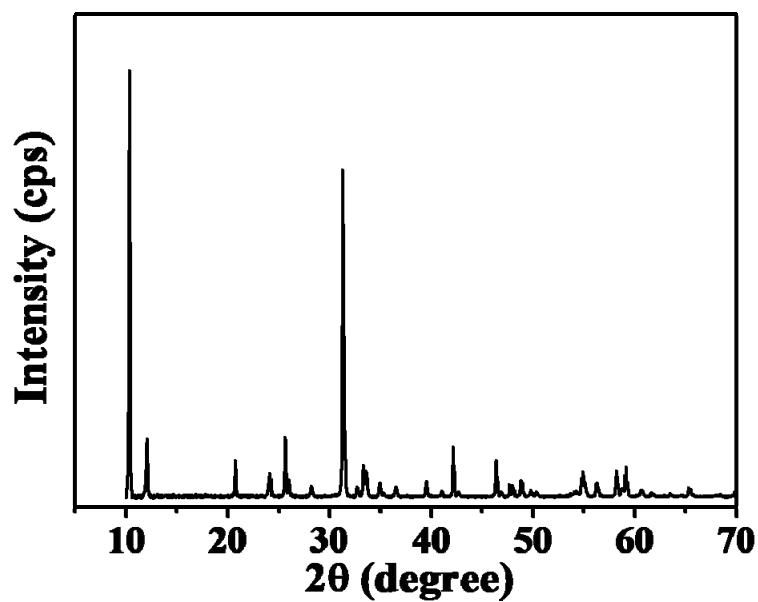
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**Fig. SI1** XRD pattern of the as-synthesized product prepared by solvothermal method at 150 °C in H<sub>2</sub>O.



**Fig. SI2** The pH values of the solvents and the reaction system (including  $\text{Bi}(\text{NO}_3)_3 \cdot 5\text{H}_2\text{O}$  and  $\text{HCOONa} \cdot 2\text{H}_2\text{O}$ ) before and after solvothermal treatment.

