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**Template-free fabrication and growth mechanism of uniform  
(BiO)<sub>2</sub>CO<sub>3</sub> hierarchical hollow microspheres with outstanding  
photocatalytic activities under both UV and visible light irradiation**

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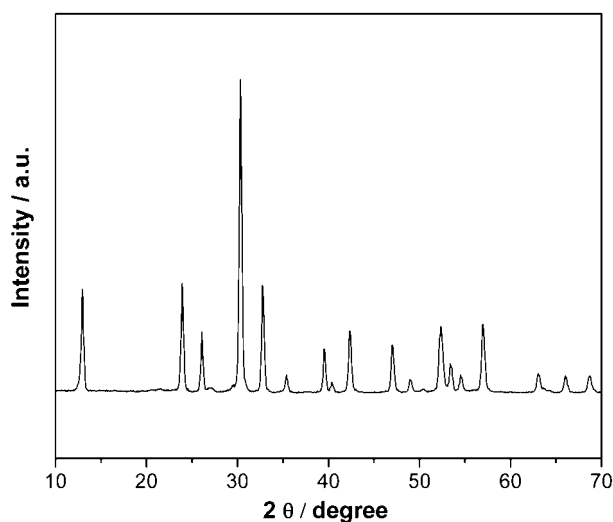
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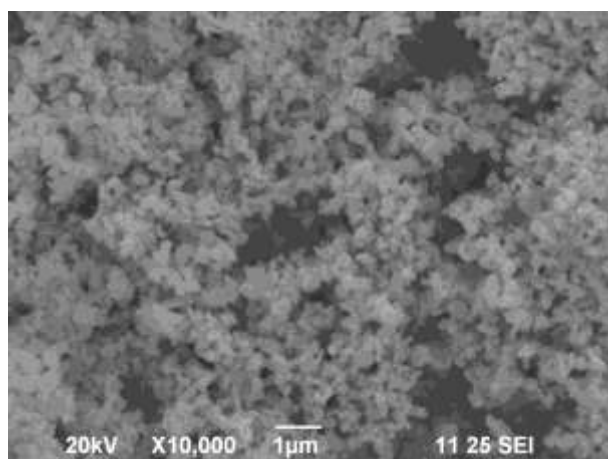
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**Fig. S1** XRD pattern of the as-prepared (BiO)<sub>2</sub>CO<sub>3</sub> with particle morphology

**Fig. S2** SEM image of the as-prepared (BiO)<sub>2</sub>CO<sub>3</sub> with particle morphology



**Fig. S1** XRD pattern of the as-prepared (BiO)<sub>2</sub>CO<sub>3</sub> with particle morphology



**Fig. S2** SEM image of the as-prepared (BiO)<sub>2</sub>CO<sub>3</sub> with particle morphology