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Supplementary Information

Hierarchical h-, m- and n-BiPO₄ microspheres: Facile synthesis and application in the photocatalytic decomposition of refractory phenols and benzene

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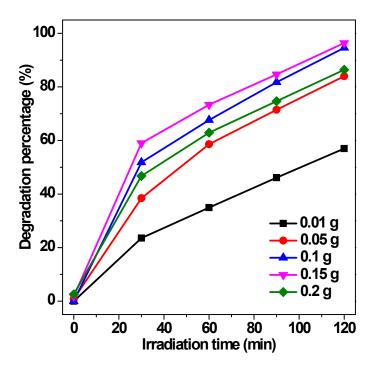


Fig. S1. Photocatalytic degradation curves of BPA (20 mg/L) for different amount of $n\text{-BiPO}_4$ under UV light irradiation.

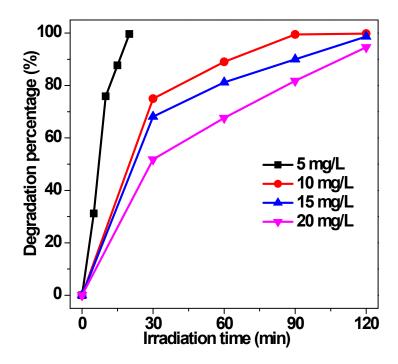


Fig. S2. Photocatalytic degradation curves of different concentrations of BPA for n-BiPO $_4$ (0.1 g) under UV light irradiation.

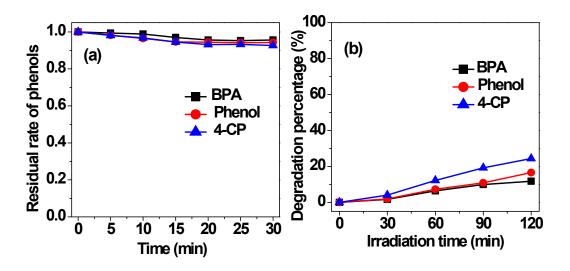


Fig. S3. (a) The dark adsorption test in the absence of irradiation but with $n\text{-}BiPO_4$ (0.1 g). (b) The blank tests (without photocatalyst) under UV light irradiation.

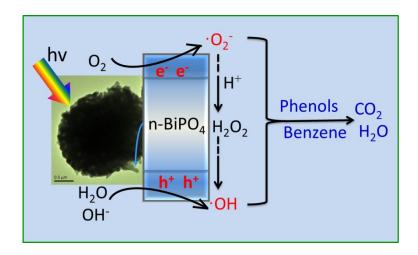


Fig. S4. Proposed mechanism of photocatalytic degradation of phenols and benzene over $n\text{-}BiPO_4$.