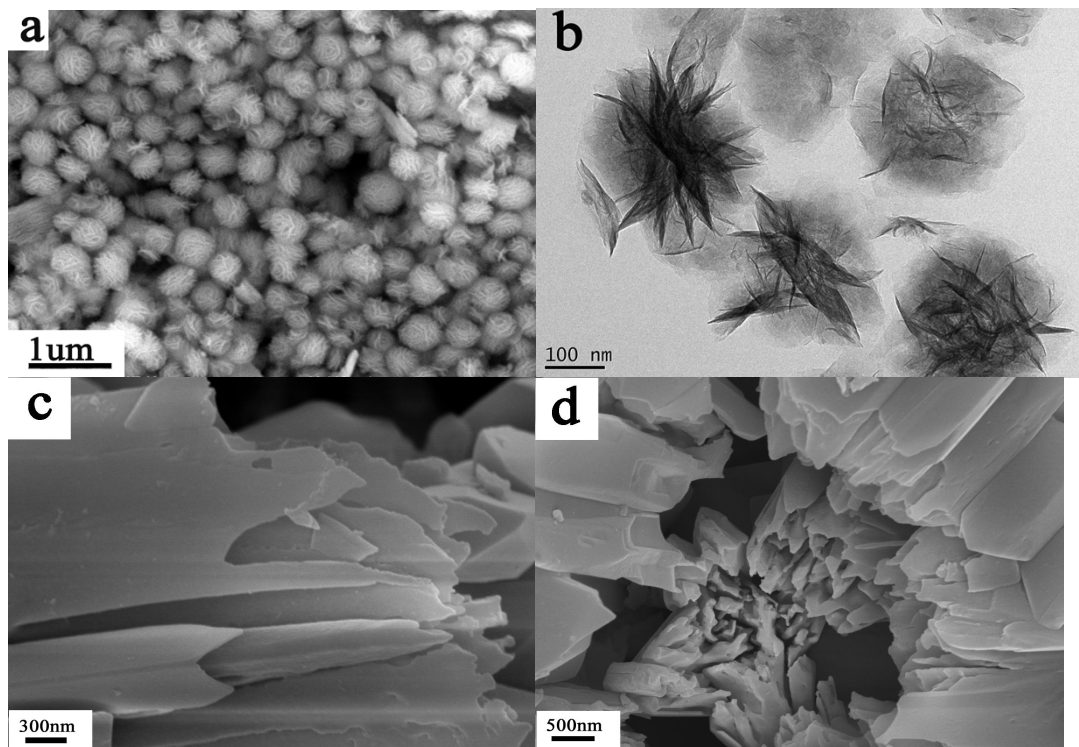


## **Supporting Information**

### **3D hierarchical ZnOHF nanostructures: synthesis, characterization and photocatalytic properties**

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**Fig. S1.** SEM and TEM images of the ZnOHF synthesized from different fluoride sources.  $K_2SiF_6$  (a-b) nanoflowers and  $NH_4BF_4$  (c-d) nanotubes-assembled microfans



**Fig. S2.** Cyclability of photocatalytic activity of hierarchical ZnOHF nanoflowers under UV light irradiation.

