

Supporting Information

Ti(IV) oxalate complex-derived hierarchical hollow TiO₂ materials with degradation properties of dye in water

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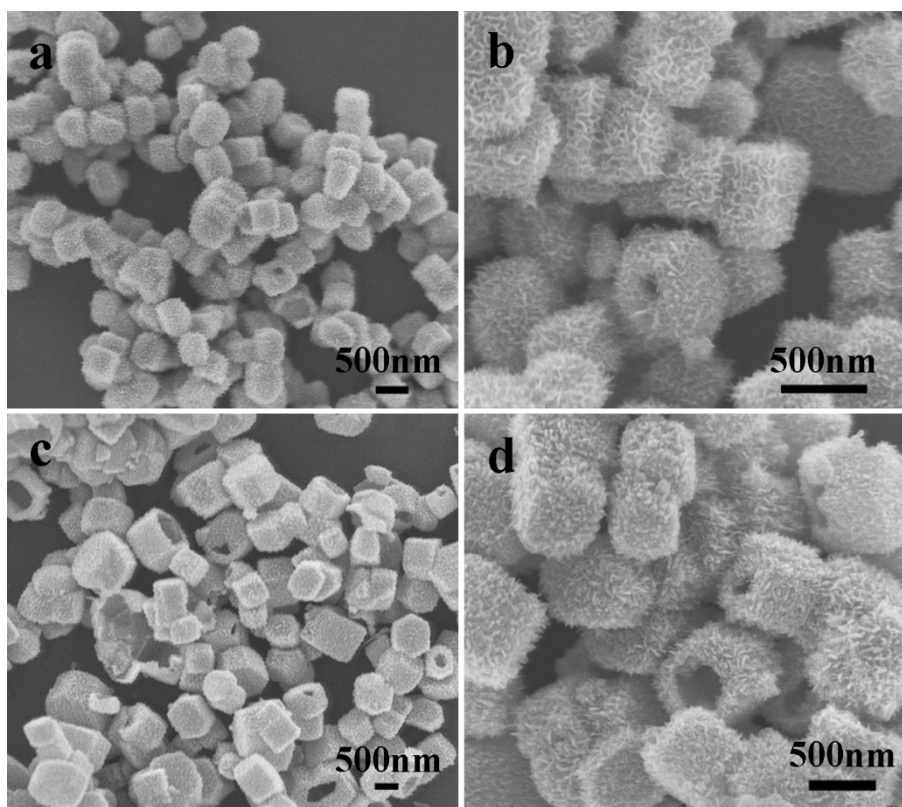


Fig. S1 SEM images of HHTM-1 (cal, a and b), HHTM-2 (cal, c and d).

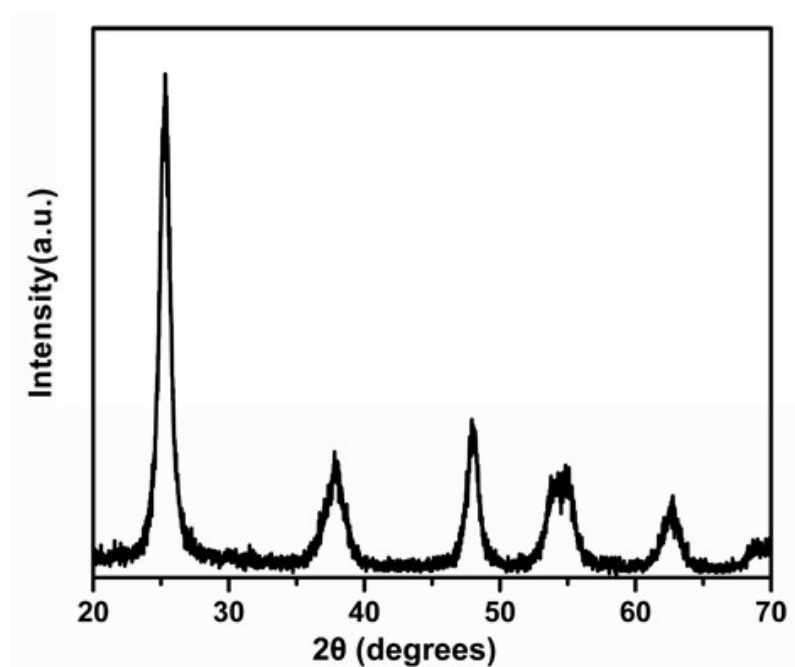


Fig. S2 XRD pattern of HHTM-1 (cal).

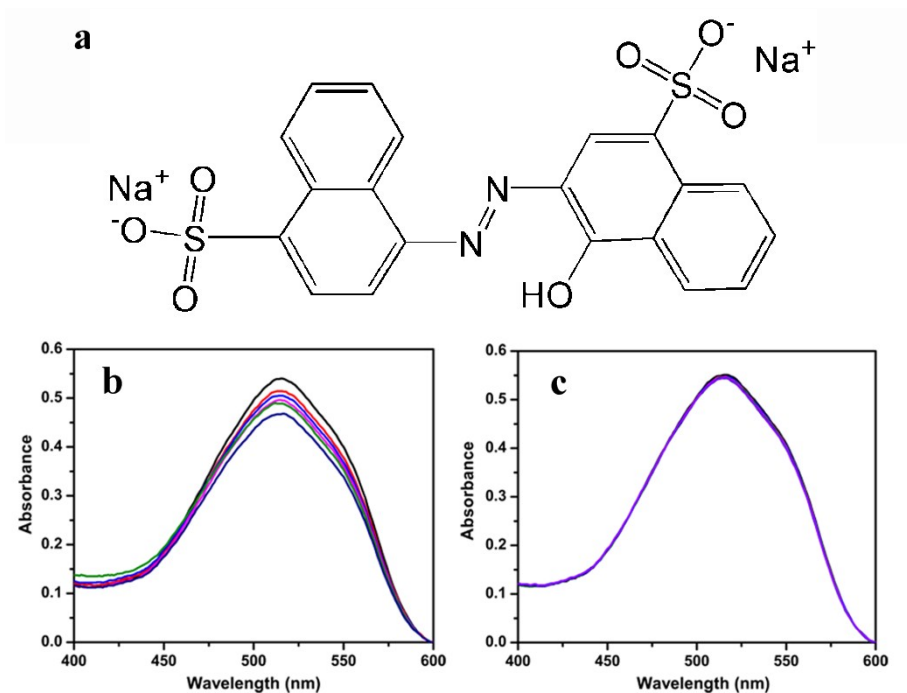
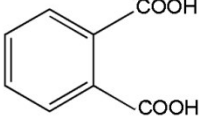
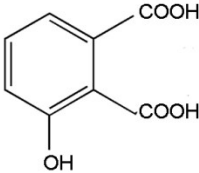
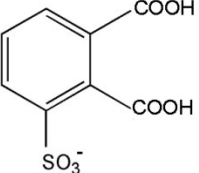


Fig. S3 Structure of chromotrope FB (a) Time profiles of chromotrope FB absorbance spectrum during degradation process by using different catalysts: Degussa P25 (b), blank experiment (c).

Table S1. Main compounds in the final colorless solution identified by LC-MS.

Compound	Molecular formula	<i>m/z</i>
phthalic acid		166
3-Hydroxyphthalic acid		182
3-Sulfophthalic Acid		245