

Hierarchical TiO₂ Monolith Prepared Using Cellulose Monolith as Template

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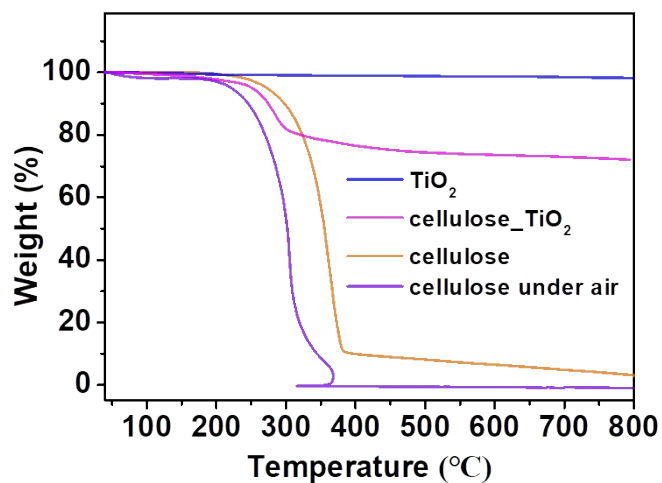


Fig. S1 TGA measurements of cellulose, cellulose_TiO₂, and TiO₂ monoliths under nitrogen and cellulose monolith under air.

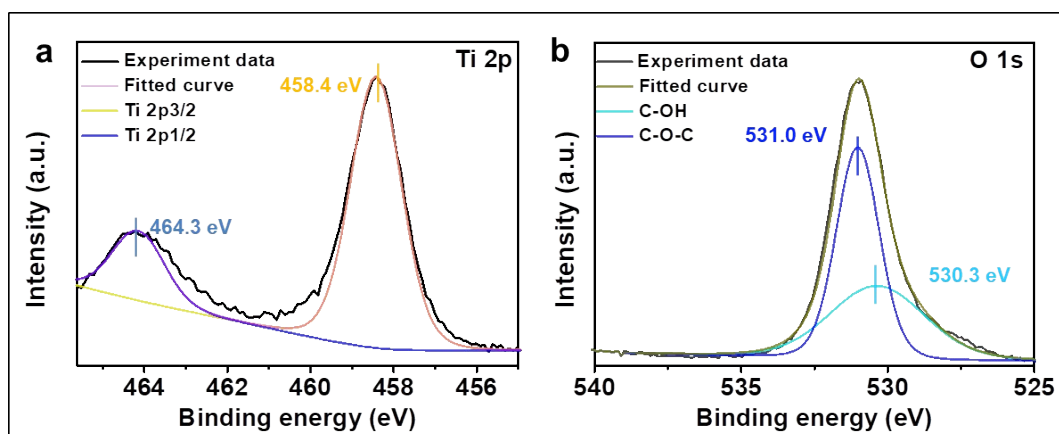


Fig. S2 High-resolution XPS spectra of (a) Ti 2p of cellulose 80_TiO₂ 40, (b) O 1s of cellulose 80 monolith.

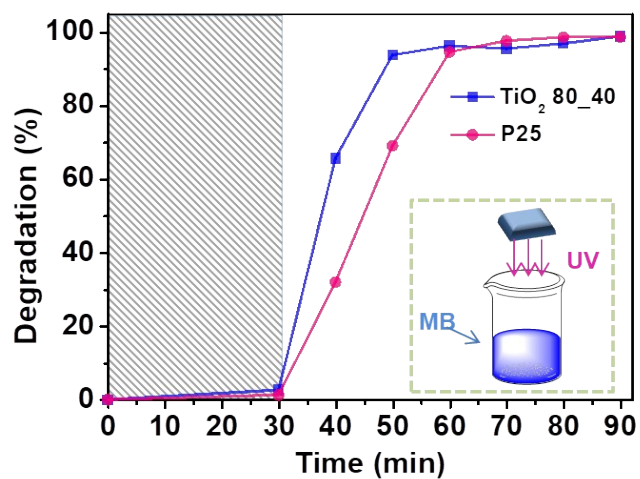


Fig. S3 Photocatalytic activity TiO₂ 80_40 powder and P25 for MB solution. Shaded areas indicate periods without illumination (inset is a schematic representation of the experimental setup used for the photocatalytic test).

Table S1. Details for preparation of TiO₂ monoliths with different content of TTIP.

Sample	TTIP (mL)	Isopropyl alcohol (mL)	H ₂ O (mL)
TiO ₂ x ₃₀	4.5	0.95	9.5
TiO ₂ x ₄₀	6.0	0.82	8.2
TiO ₂ x ₅₀	7.5	0.68	6.8
TiO ₂ x ₆₀	9.0	0.55	5.5