

Controlling interface property for enhanced photocatalytic performance: A case-study of CuO/TiO₂ nanobelts

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Table S1. The pseudo-first-order rate constants (k) and specific surface area of CuO/TiO₂ samples.

Entry	TiO ₂	CT-0.1	CT-0.25	CT-0.5	CT-1	CT-3
Rate constant k (min ⁻¹)	0.03218	0.07206	0.03507	0.01549	0.01477	0.01411
S _{BET} (m ² /g)	54.4	59.3				

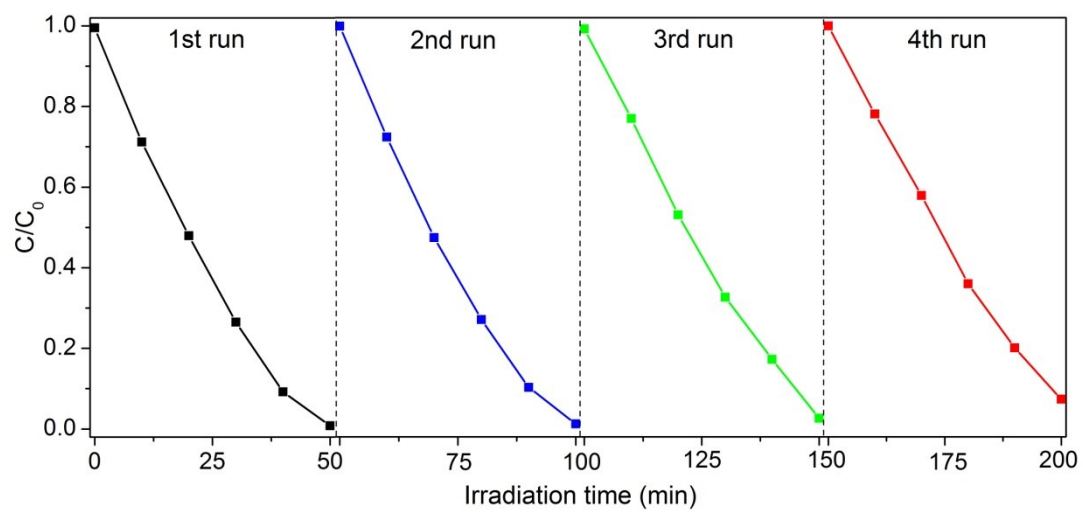


Figure S1. Stability test of CT-0.1 sample for MO degradation under full-spectrum light illumination.

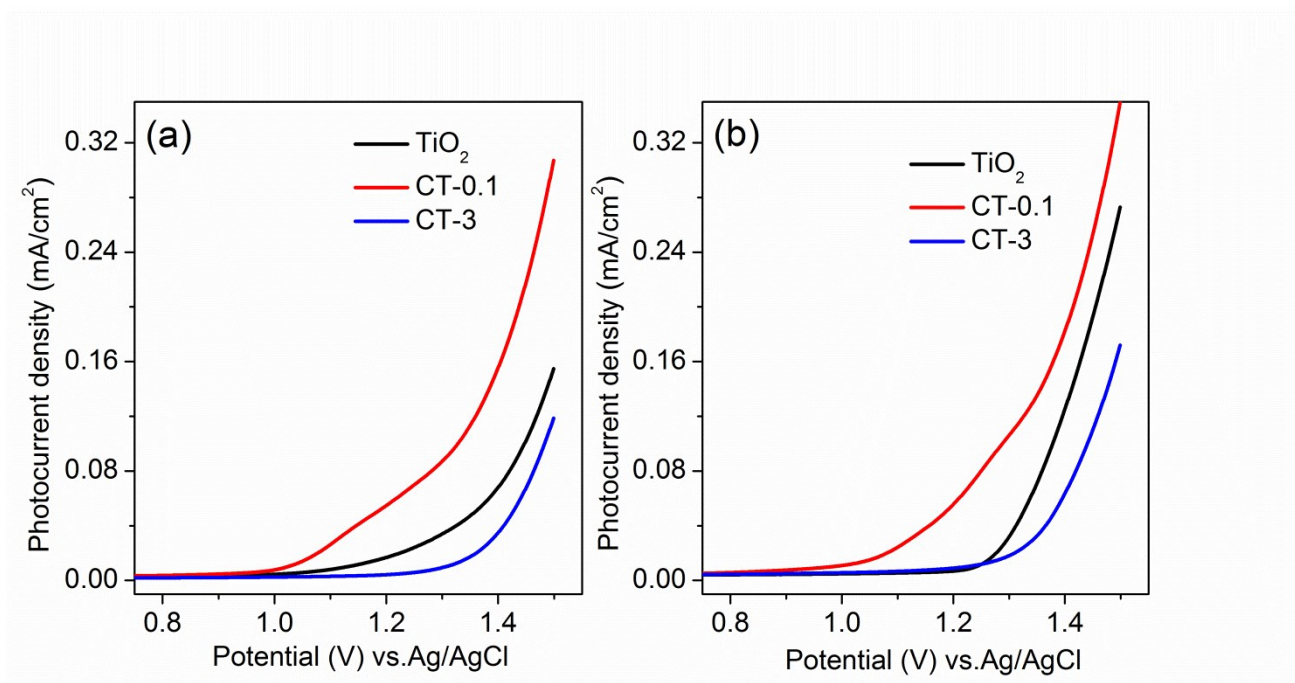


Figure S2. Applied potential bias-dependent photocurrent density of TiO₂, CT-0.1 and CT-3 samples with a scan rate of 50 mV/s: (a) dark condition, and (b) light irradiation.