Supporting information

for

High-performance TiO_2 catalyst composited with In–1,1,2,2-tetra(4-carboxylbiphenyl)ethylene for the efficient degradation of organic pollutants

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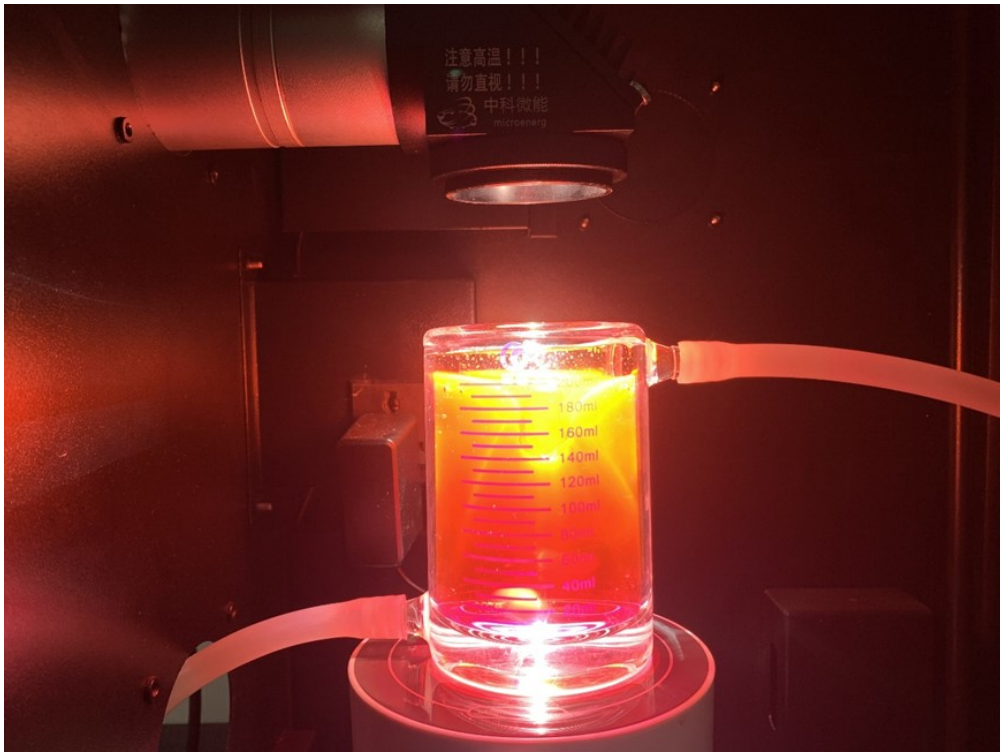

Figure S1. Photocatalytic experimental reactor

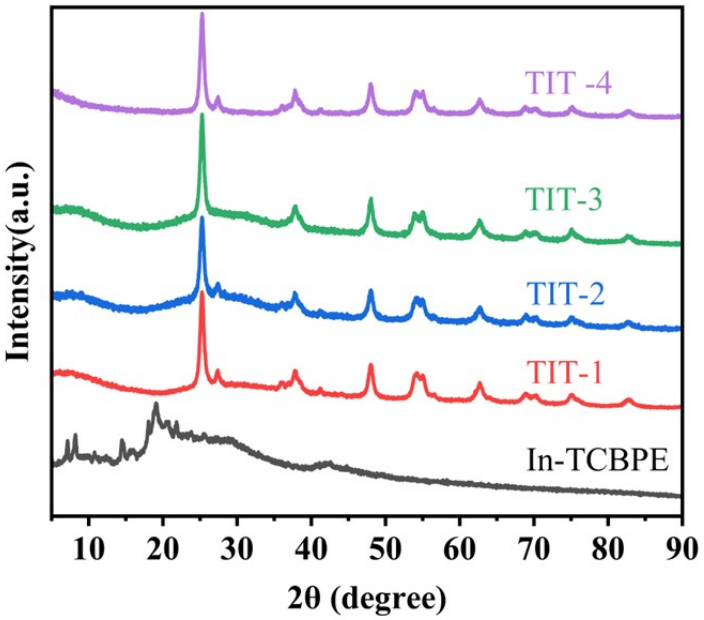

Figure S2. XRD patterns of In-TCBPE, TIT-1, TIT-2, TIT-3, and TIT-4.

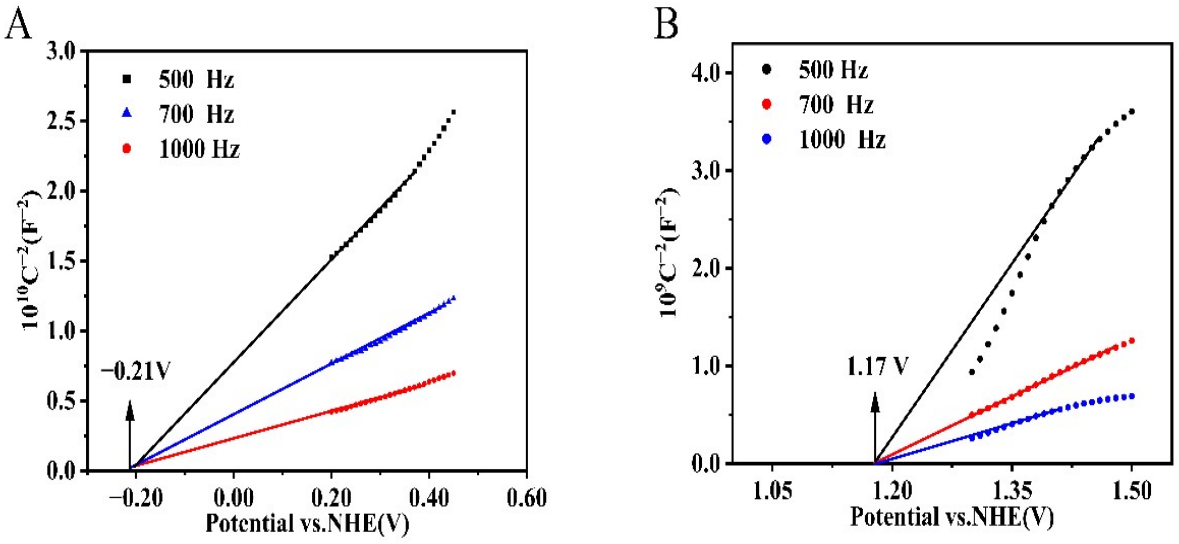

Fig. S3. Mott–Schottky plots of (A) TiO_2 and (B) In–TCBPE.

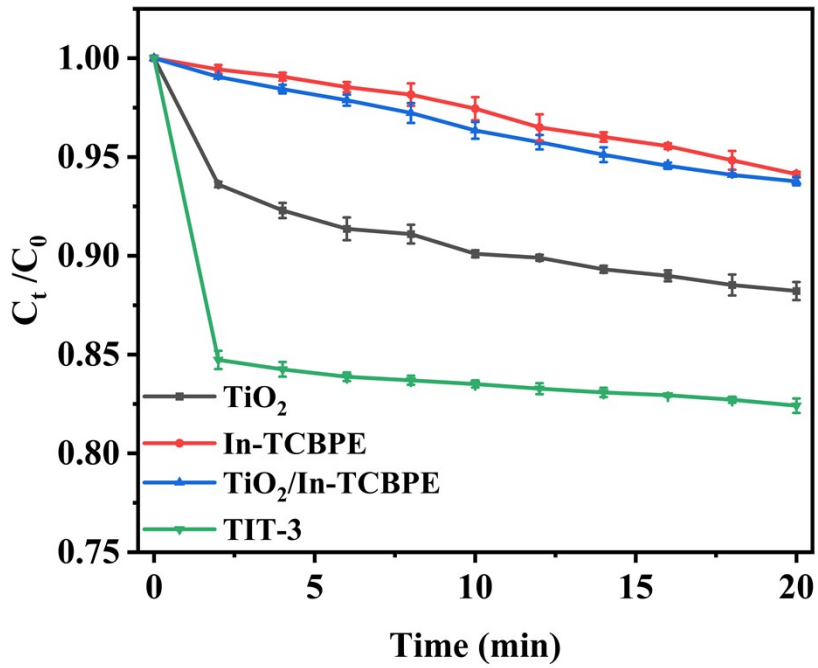

Figure S4. Adsorption experiment of RhB for the catalysts in the dark

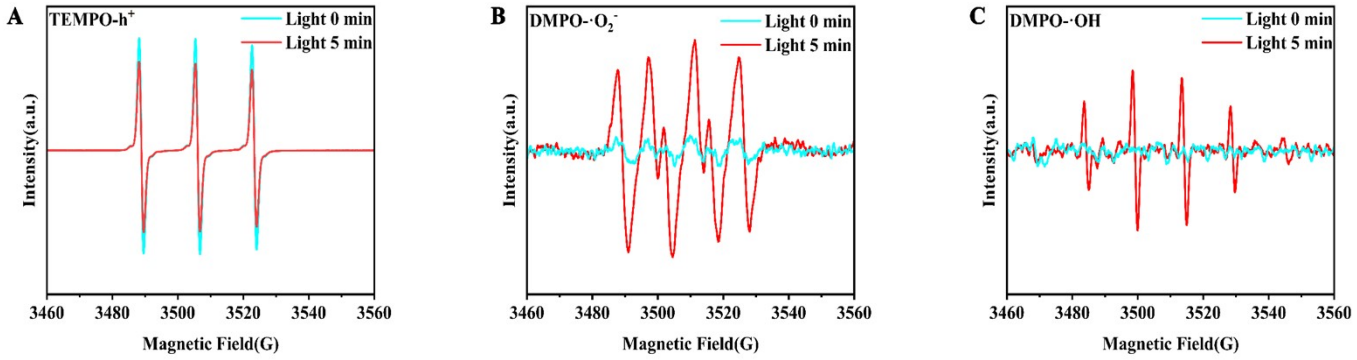

Figure S5.EPR spectra of TIT-3 for the signal of (A) TEMPO-h^+, (B) DMPO-·OH and (C) DMPO-·O_2^-.