

Supplementary Information

Highly efficient photocatalysts by pyrolyzing a Zn-Ti heterometallic
metal-organic framework

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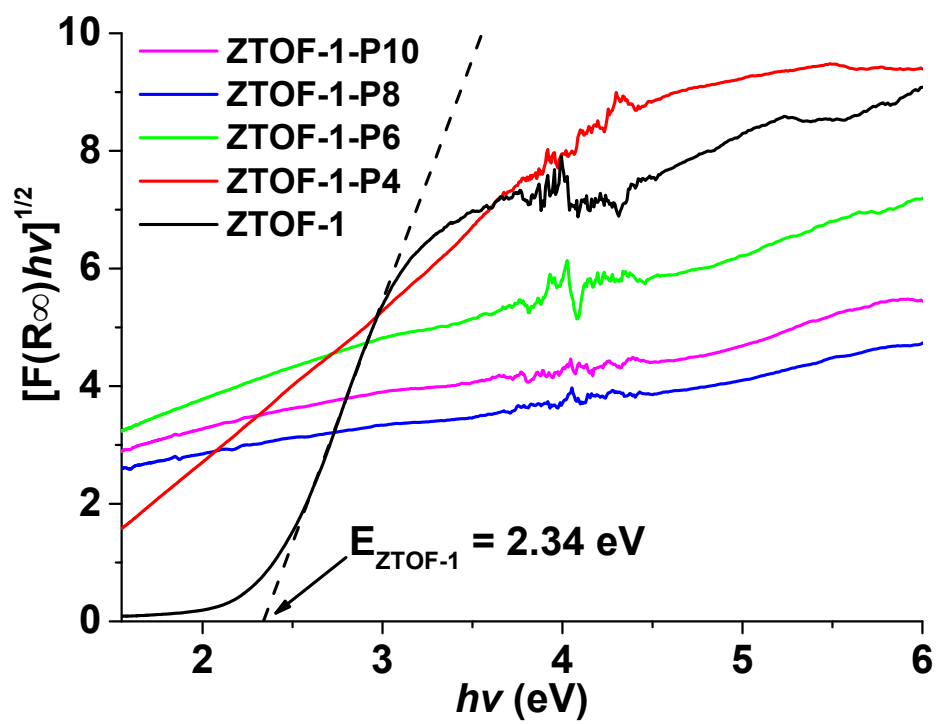


Fig. S1 Diffuse reflectance spectra of ZTOF-1 and pyrolyzed samples.

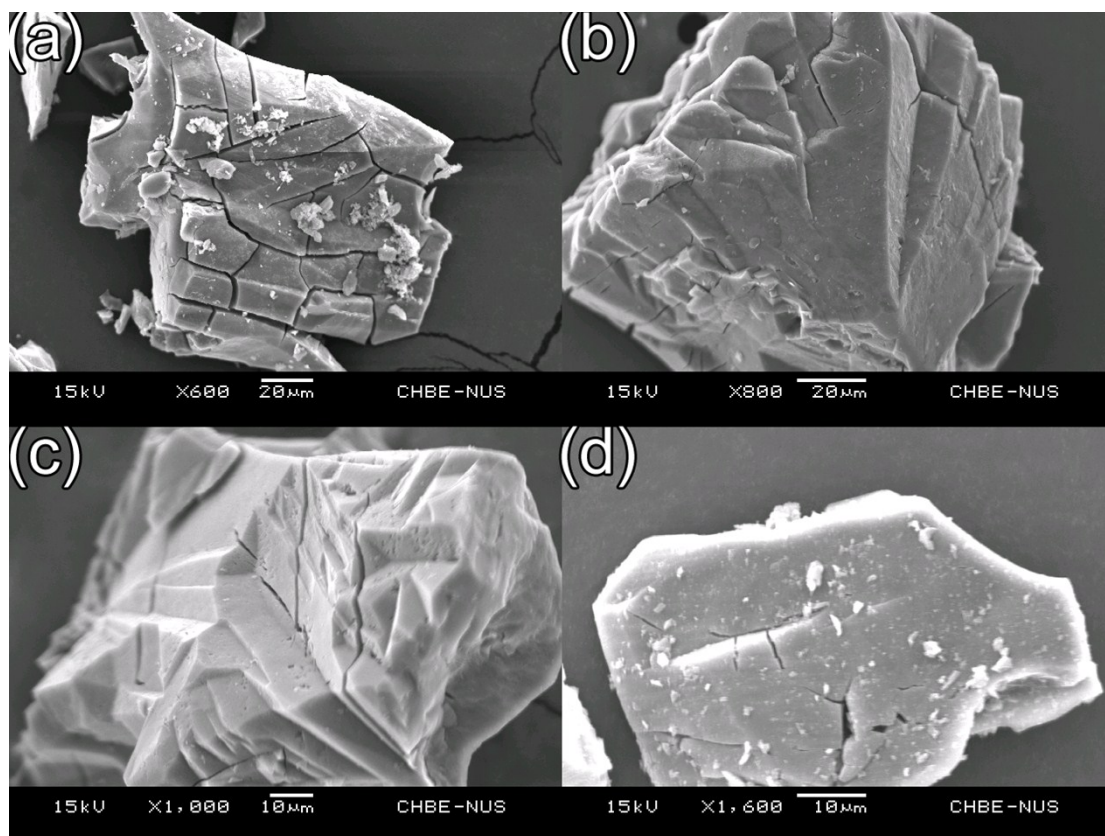


Fig. S2 SEM images of (a) ZTOF-1-P4, (b) ZTOF-1-P6, (c) ZTOF-1-P8, and (d) ZTOF-1-P10.

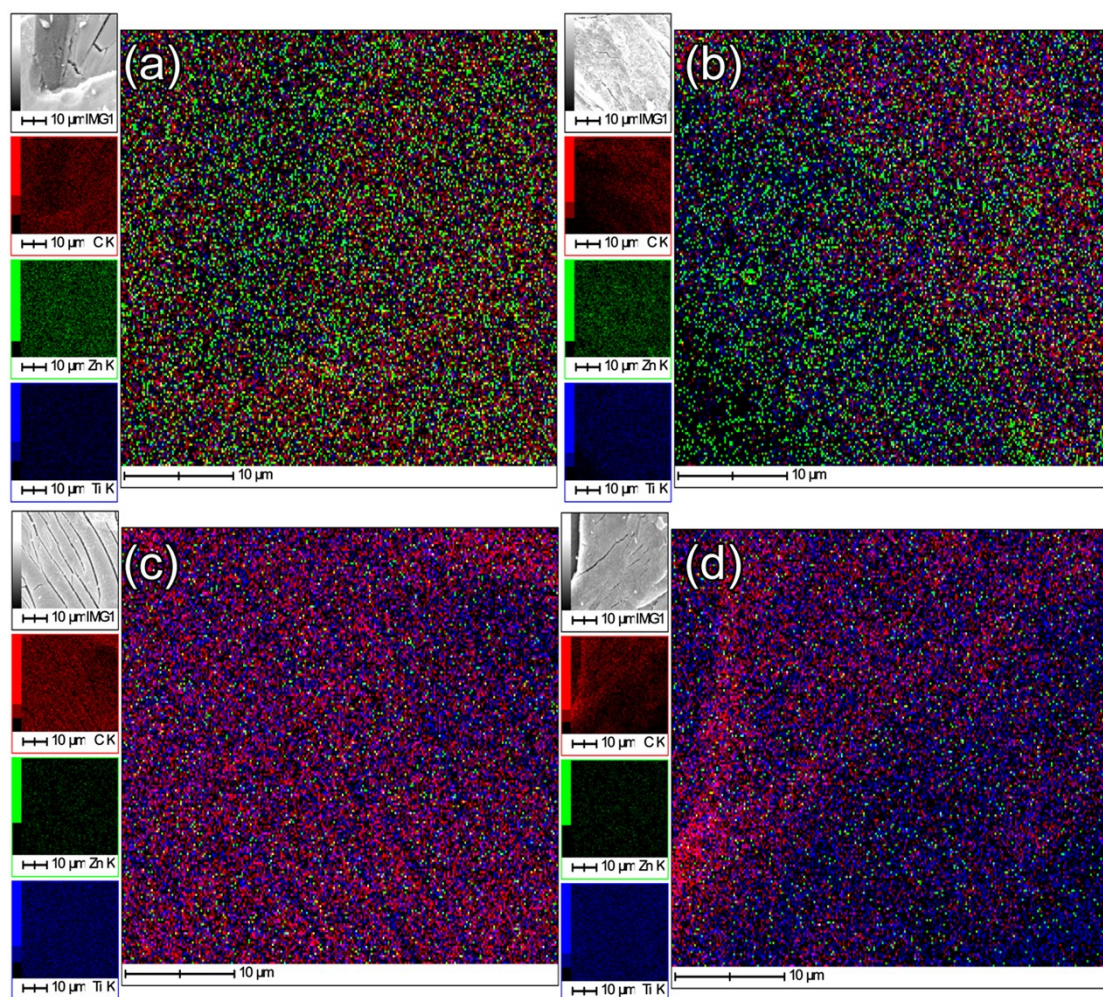


Fig. S3 SEM EDX elemental mapping of (a) ZTOF-1-P4, (b) ZTOF-1-P6, (c) ZTOF-1-P8, and (d) ZTOF-1-P10 (red, C K; green, Zn K; blue, Ti K; scale bar, 10 μm).

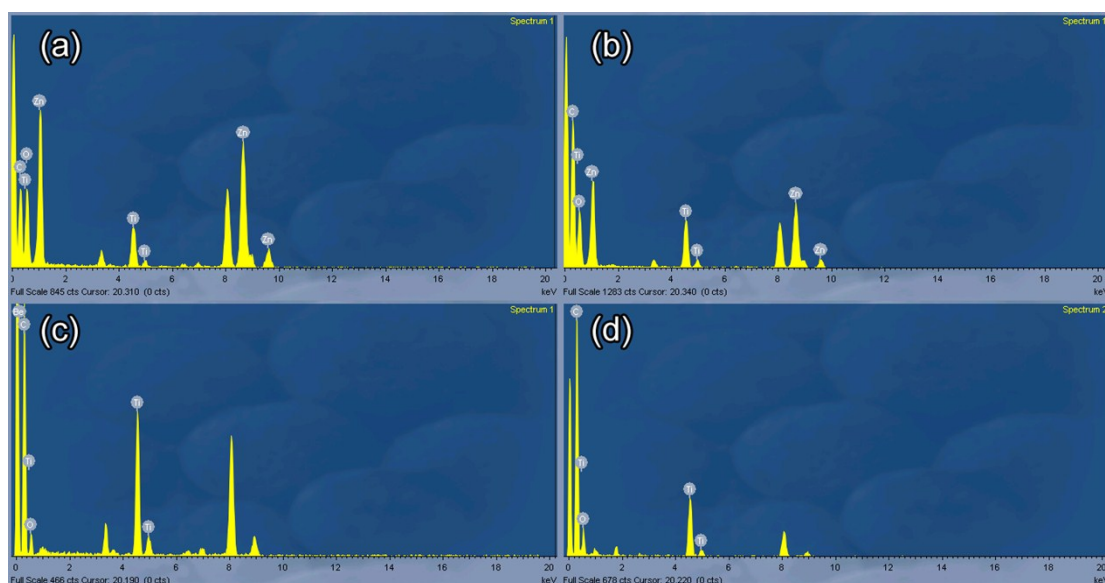


Fig. S4 TEM EDX of (a) ZTOF-1-P4, (b) ZTOF-1-P6, (c) ZTOF-1-P8, and (d) ZTOF-1-P10.

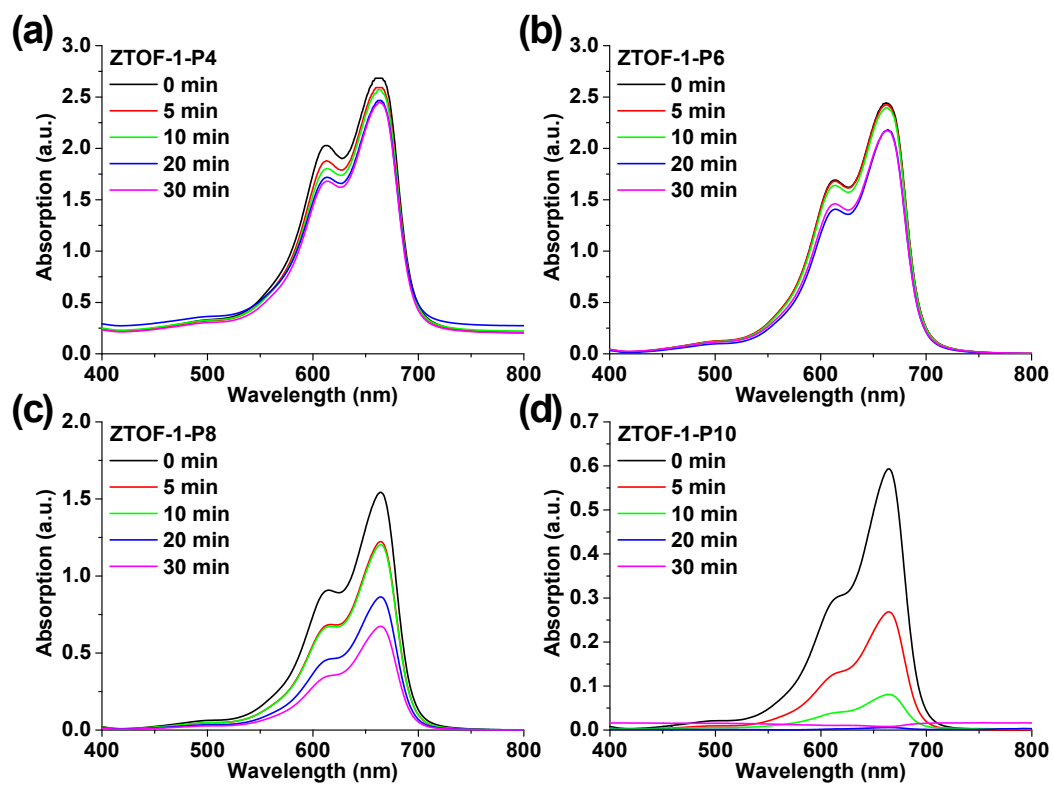


Fig. S5 UV-Vis absorption spectra of MB solutions during photodegradation experiments under different time intervals for (a) ZTOF-1-P4, (b) ZTOF-1-P6, (c) ZTOF-1-P8, and (d) ZTOF-1-P10.