SUPPLEMENTARY INFORMATION

A new 3D-printed photoelectrocatalytic reactor combining the benefits of a transparent electrode and of the Fenton reaction for advanced wastewater treatment

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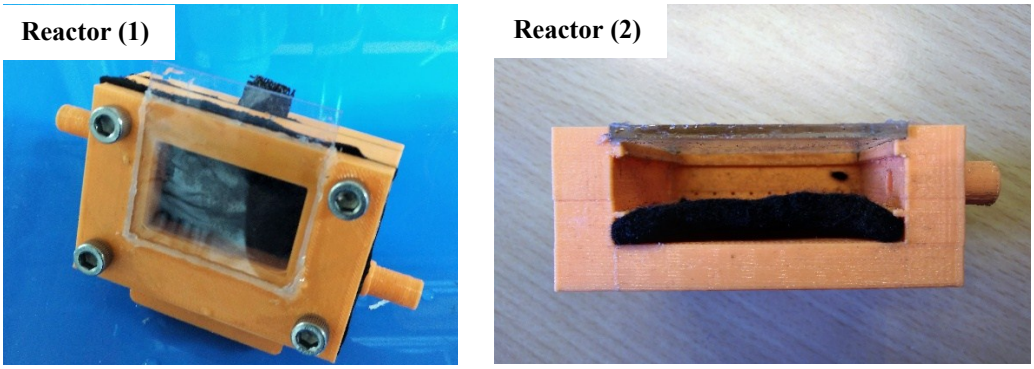

Fig. S1. Pictures of the two 3D-printed photoelectrocatalytic reactors.

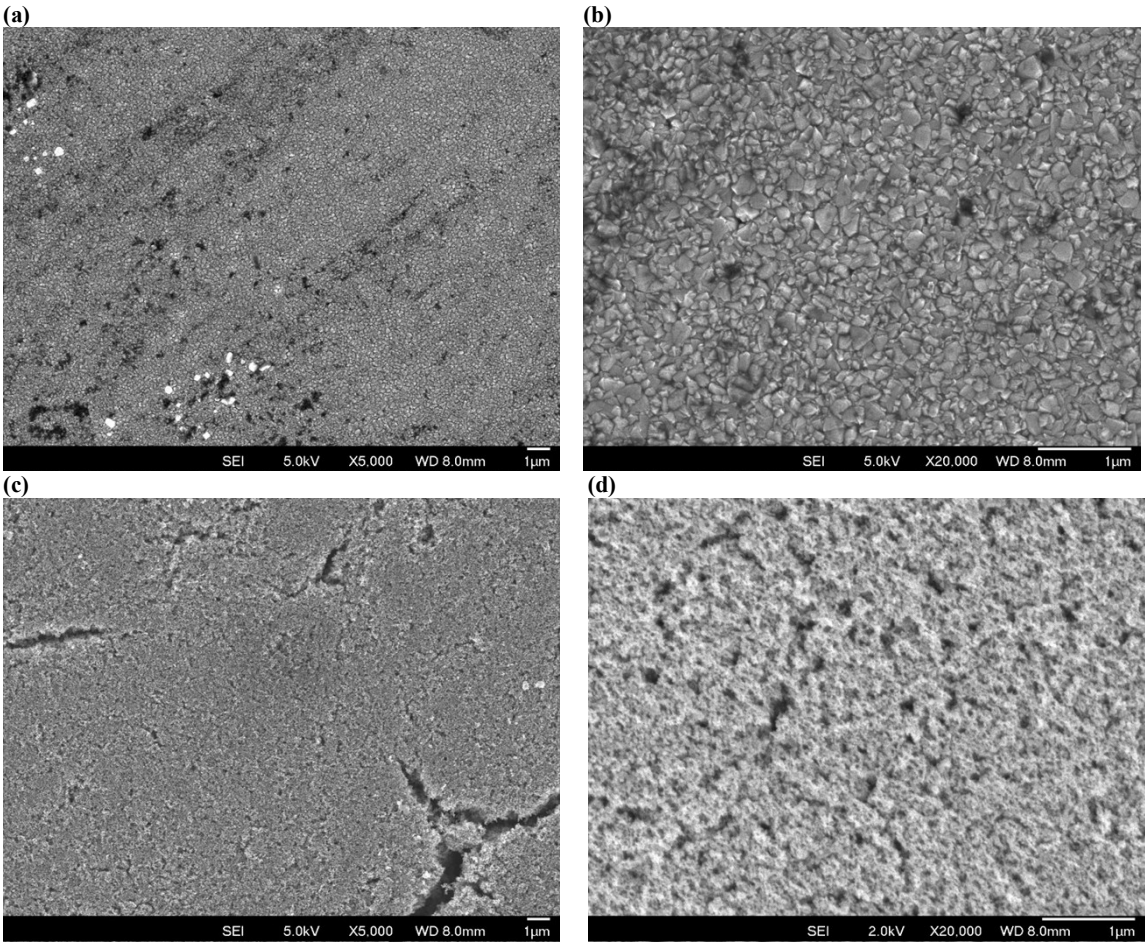

Fig. S2. Surface examination of FTO (a, b) and TiO_2 thin film (c, d) by SEM ((a, c) ×5000 and (b, d) ×20000 magnification). Optimal TiO_2-coating conditions: $[TiO_2]$ = 0.311 mg cm^{-2}.

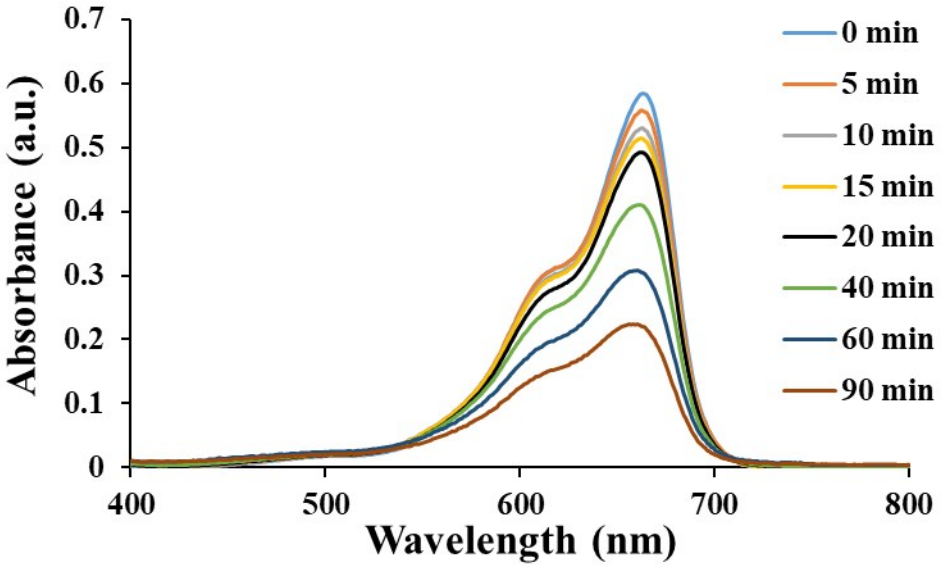

Fig. S3. Absorbance spectra of MB photocatalytic degradation (under light irradiation at 365 nm) at optimal TiO_2 loading (0.311 mg cm^{-2}) of thin film coating.