

Visible-Light-Driven AO7 Photocatalytic Degradation and Toxicity Removal at Bi-Doped SrTiO₃

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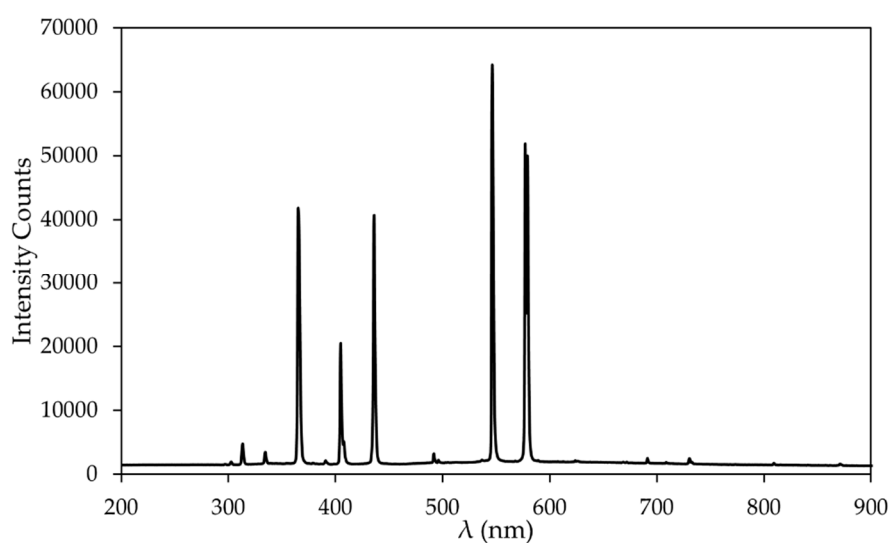


Figure S1. Emission spectrum of the 300 W Ultra-Vitalux lamp

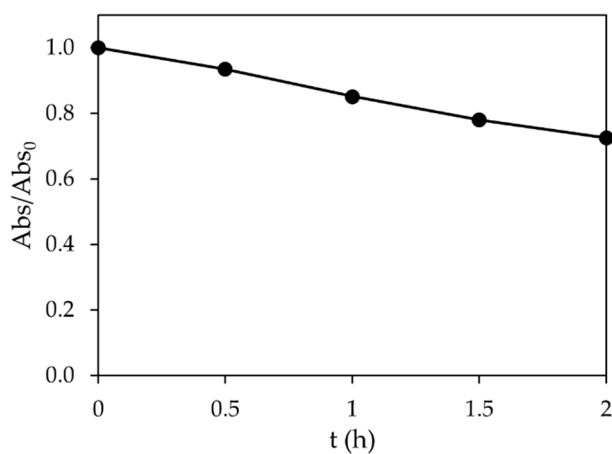


Figure S2. Relative Abs_{484nm} decay for the photocatalytic degradation of AO7, with Bi₄Ti₃O₁₂, under visible light (C_i AO7 = 10 mg L⁻¹, catalyst dose = 0.2 g L⁻¹, natural pH)

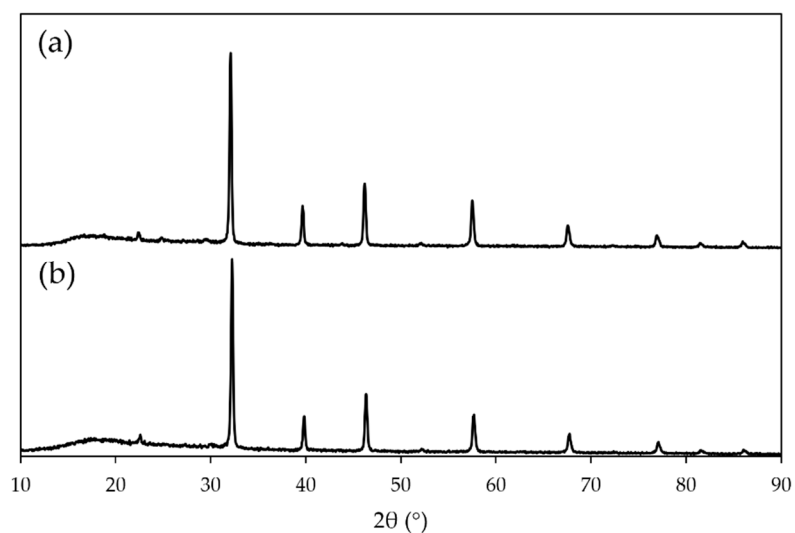


Figure S3. XRD patterns of $\text{Sr}_{0.95}\text{Bi}_{0.05}\text{TiO}_3$ powder samples (a) before and (b) after application as photocatalyst

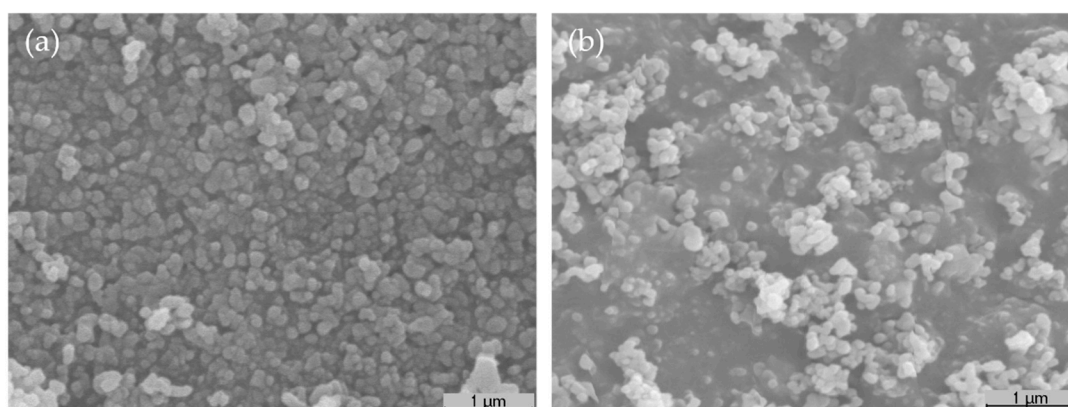


Figure S4. SEM microographies of the $\text{Sr}_{0.95}\text{Bi}_{0.05}\text{TiO}_3$ (a) before and (b) after application as photocatalyst

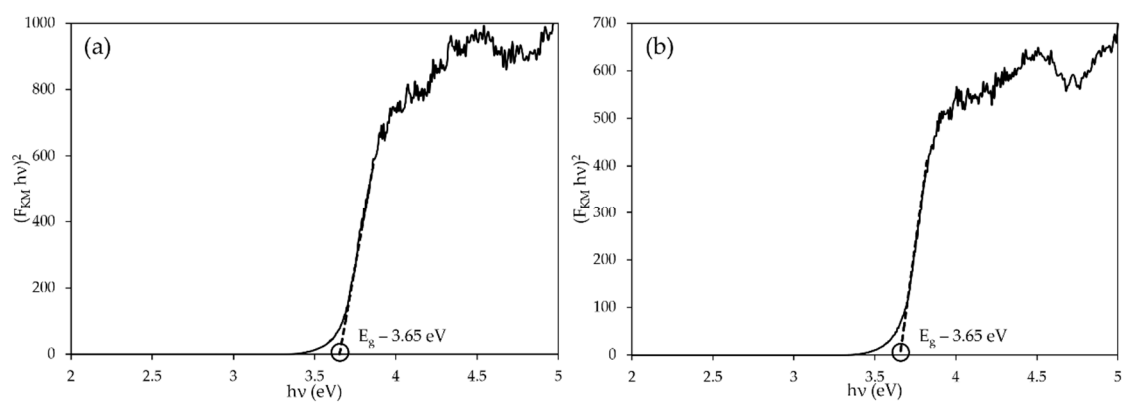


Figure S5. $\text{Sr}_{0.95}\text{Bi}_{0.05}\text{TiO}_3$ band gap energy determination (a) before and (b) after application as photocatalyst