

Supplementary Materials

Figure S1. XRD spectra for the different WO₃ photocatalysts: (A) Hydrothermally synthesised WO₃ with no additives (W0); (B) Hydrothermally synthesised WO₃ with Na₂SO₄ added at a SO₄²⁻:WO₄²⁻ ratio of 0.3 (W0.3NaS); (C) Hydrothermally synthesised WO₃ with Na₂SO₄ added at a SO₄²⁻:WO₄²⁻ ratio of 7.6 (W7.6NaS); (D) Hydrothermally synthesised WO₃ with H₂SO₄ added at a SO₄²⁻:WO₄²⁻ ratio of 0.3 (W0.3HS); (E) Hydrothermally synthesised WO₃ with H₂SO₄ added at a SO₄²⁻:WO₄²⁻ ratio of 7.6 (W7.6HS); (F) Commercial Sigma Aldrich WO₃ (WSA). m = monoclinic (WO₃), o = orthogonal (WO₃· $\frac{1}{3}$ H₂O) and h = hexagonal (WO₃).

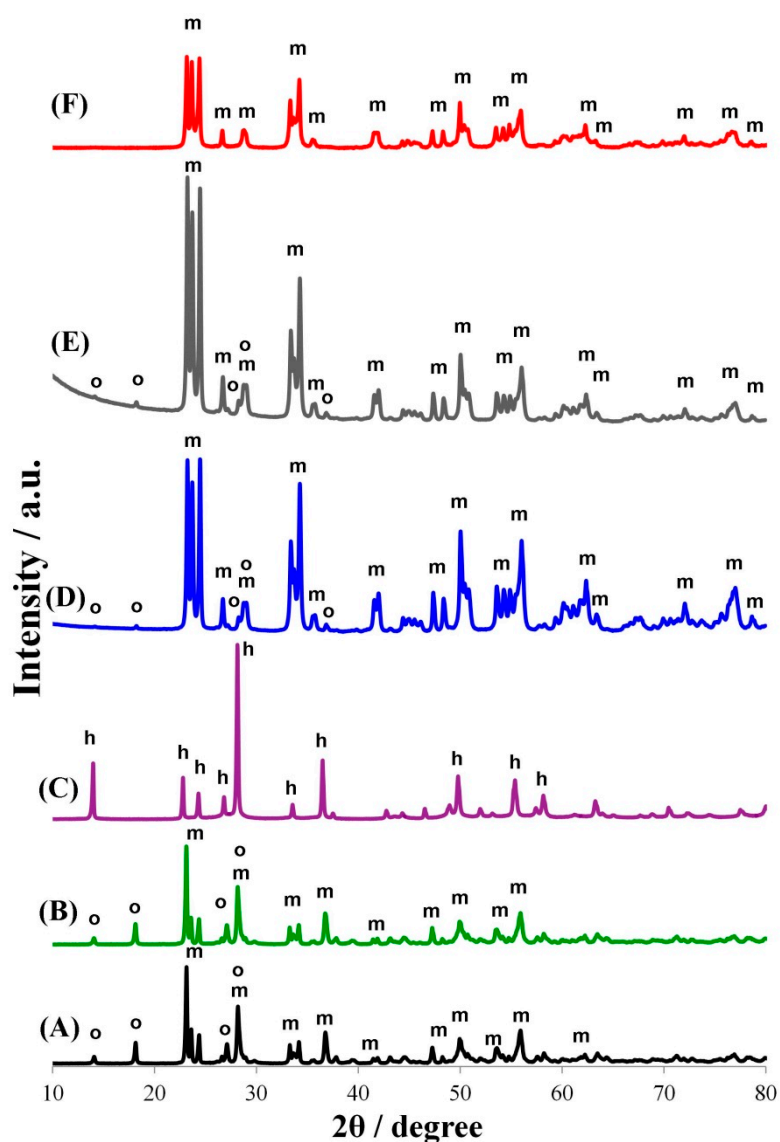


Figure S2. Modified Kubelka–Munk Plot of neat WO₃ nanocubes (W7.6HS), Sigma Aldrich WO₃ (WSA) and WO₃ nanorod bundles (W7.6NaS).

