

Supplementary data

Photocatalytic performance of Sn-doped TiO_2 nanopowders for photocatalytic degradation of methyl orange dye

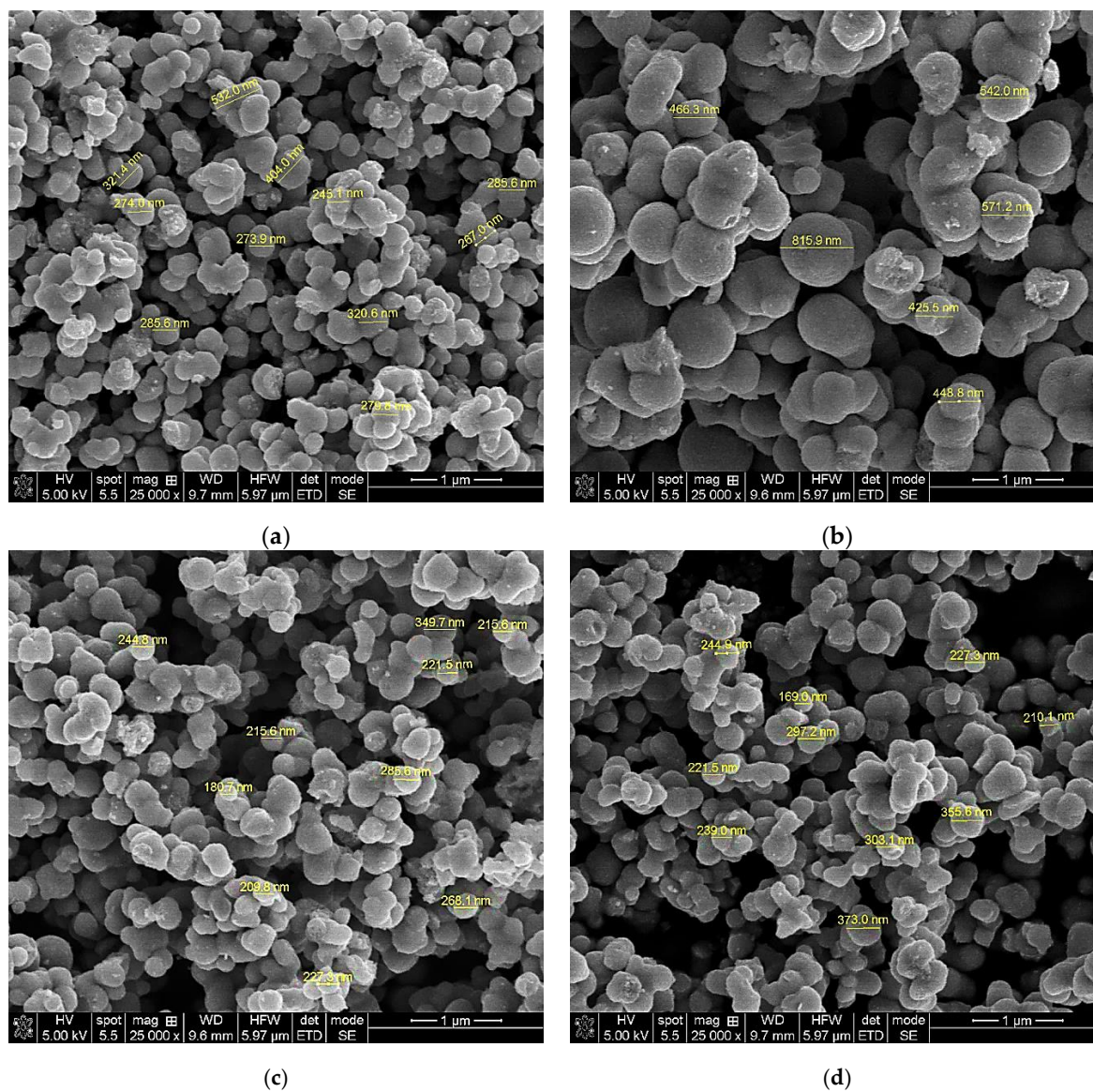


Figure S1. SEM images with particle sizes measurements of thermally treated samples (a) 2Sn- TiO_2 SG, (b) 2Sn- TiO_2 MW, (c) 1Sn- TiO_2 MW and (d) 4Sn- TiO_2 MW, respectively.

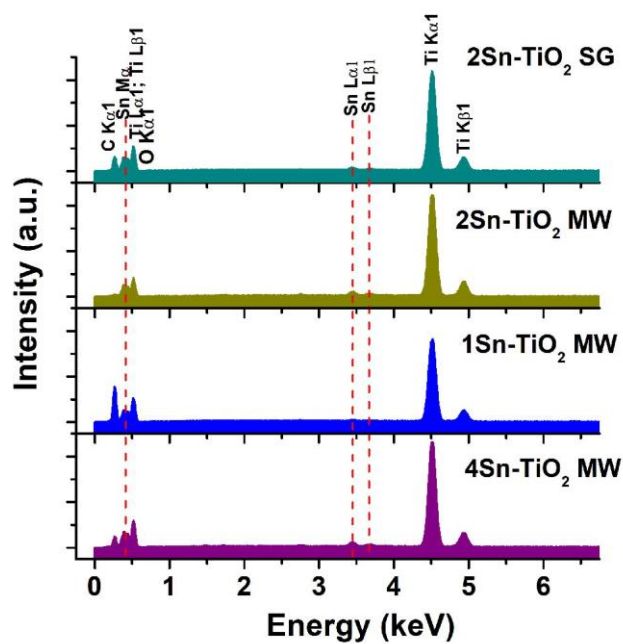


Figure S2. EDX spectra of the Sn-doped TiO₂ powders.

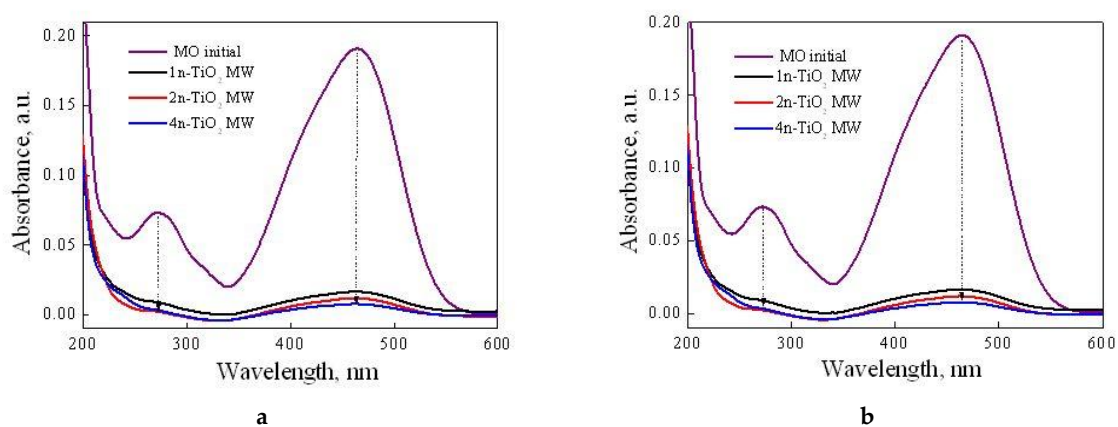


Figure S3. UV-Vis absorbance spectra of MO before and after photocatalytic experiment using xSn-TiO₂ MW materials under (a) UV and (b) visible light irradiation.