

Surfactant-Tuned Vanadium Pentoxide for Enhanced Photocatalytic Degradation of Organic dyes: Nanosheet vs. Microflower Morphologies

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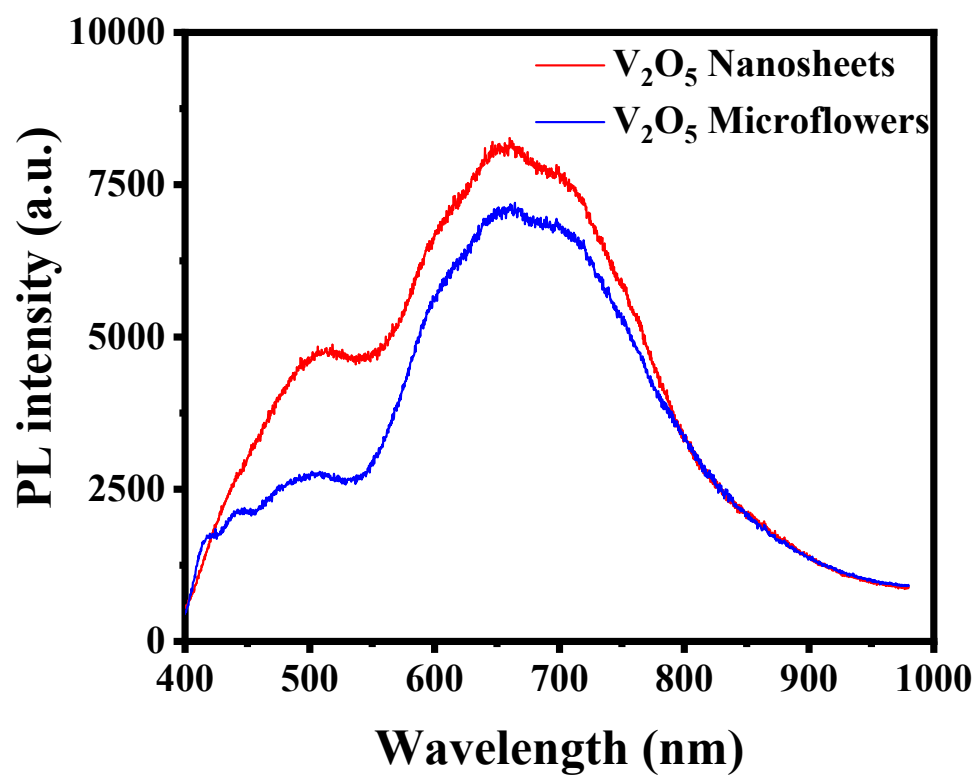


Figure S1. PL spectrum data of V₂O₅ nanosheets and microflowers at room temperature (excitation: 355 nm).

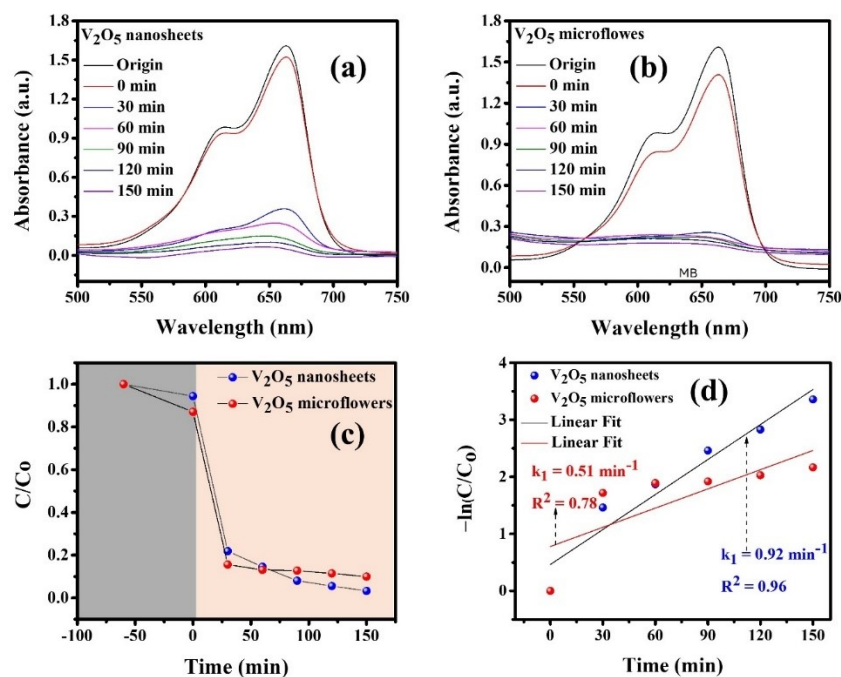


Figure S2. Photocatalytic degradation of Methylene Blue (MB) under simulated sunlight using V_2O_5 nanosheets and microflowers: (a, b) Absorbance spectra over irradiation time, (c) Photodegradation efficiency, and (d) $\ln(C/C_0)$ vs. irradiation time (150 minutes).

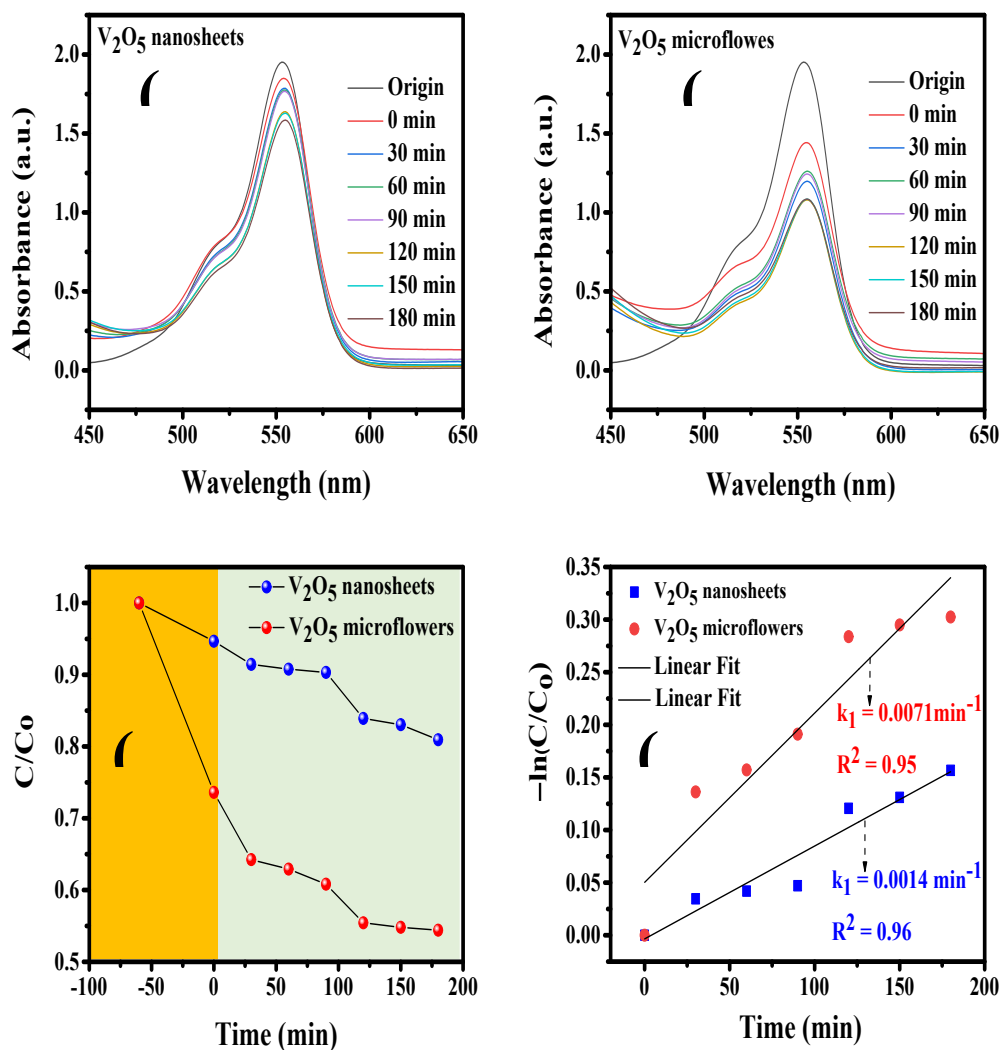


Figure S3. Photocatalytic degradation of Rhodamine B (RhB) under simulated sunlight using V_2O_5 nanosheets and microflowers: (a, b) Absorbance spectra over irradiation time, (c) Photodegradation efficiency, and (d) $\ln(C/C_0)$ vs. irradiation time.