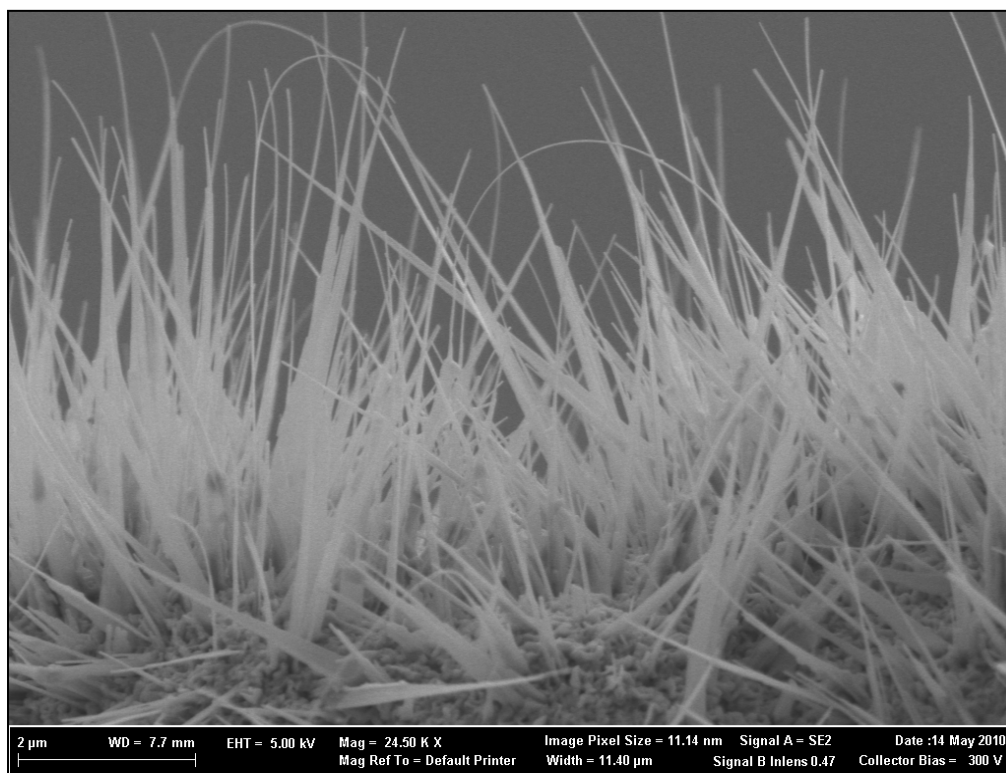


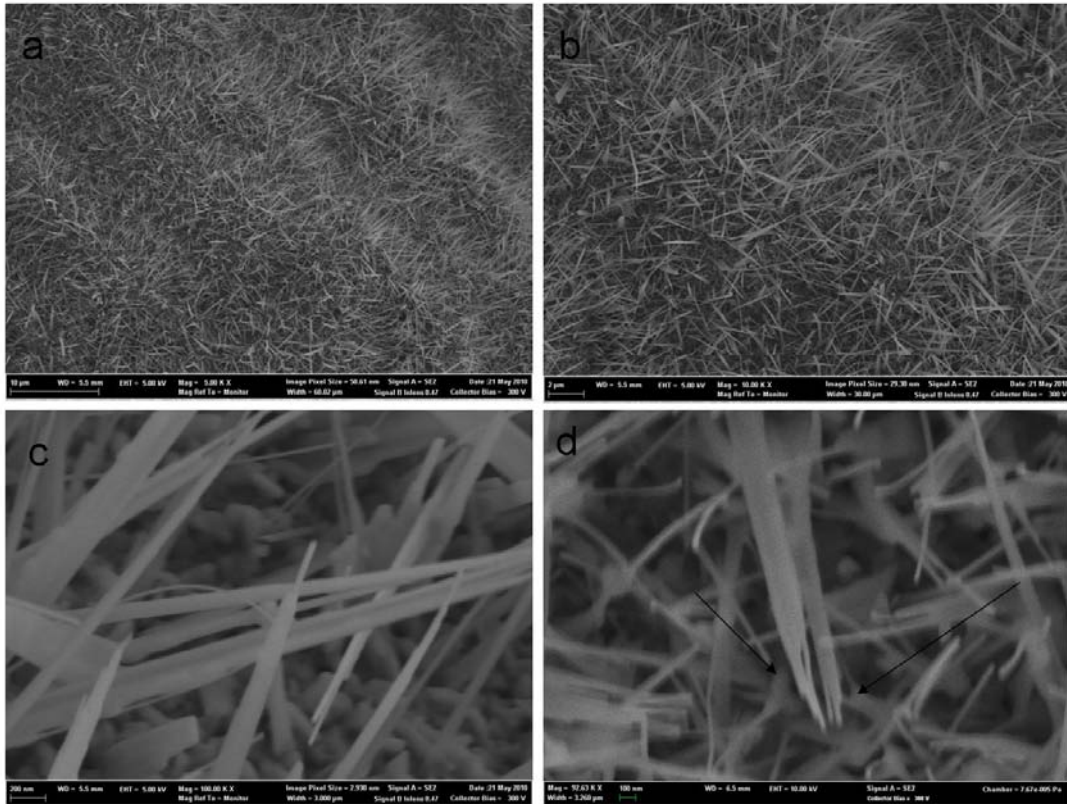
Synthesis and Characterization of One-Dimensional Flat ZnO Nanotower Arrays as High-Efficiency Adsorbents for the Photocatalytic Remediation of Water Pollutants

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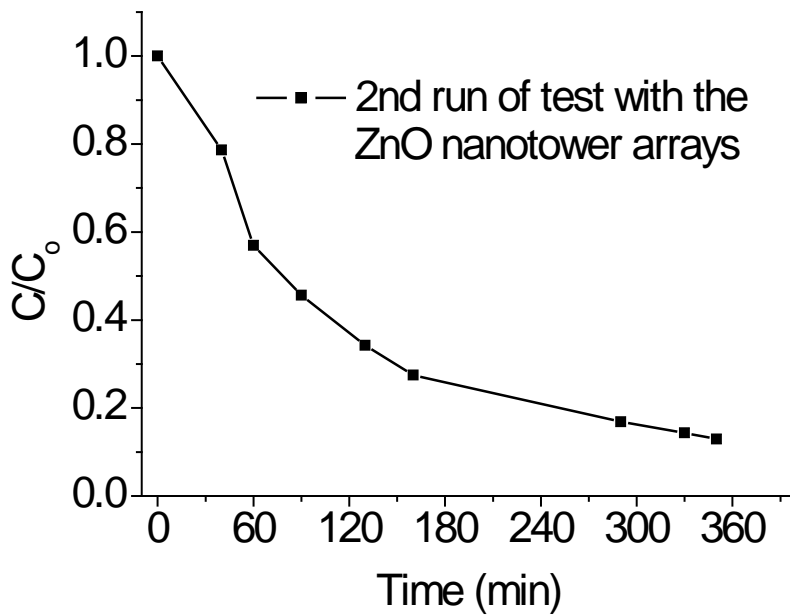
Supporting information



SI 1. The side view of ZnO nanotower arrays fabricated on Si wafer surface



SI2. (a,b,c) FESEM images of ZnO nanotowers fabricated directly on Zn foil at 550°C after 2 hour oxidation in air at different magnification; (d) Two typical ZnO nanotowers on glass slide with arrows highlighting the branches at the tips.



SI 3. The ZnO flat nanotower arrays was reused for adsorption test after the dye adsorbed in the 1st run was decomposed under UV light.