

Supplementary Materials:

Synthesis of TiO₂/WO₃ Composite Nanofibers by a Water-Based Electrospinning Process and Their Application in Photocatalysis

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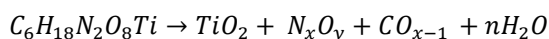
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Percentage of semi-conductor oxides in the precursor

TiO₂



$$\frac{79.87}{294.08} \times 100 = 27.16\%$$

WO₃



$$\frac{2781.6}{2956.30} \times 100 = 94.08\%$$

Tauc plots

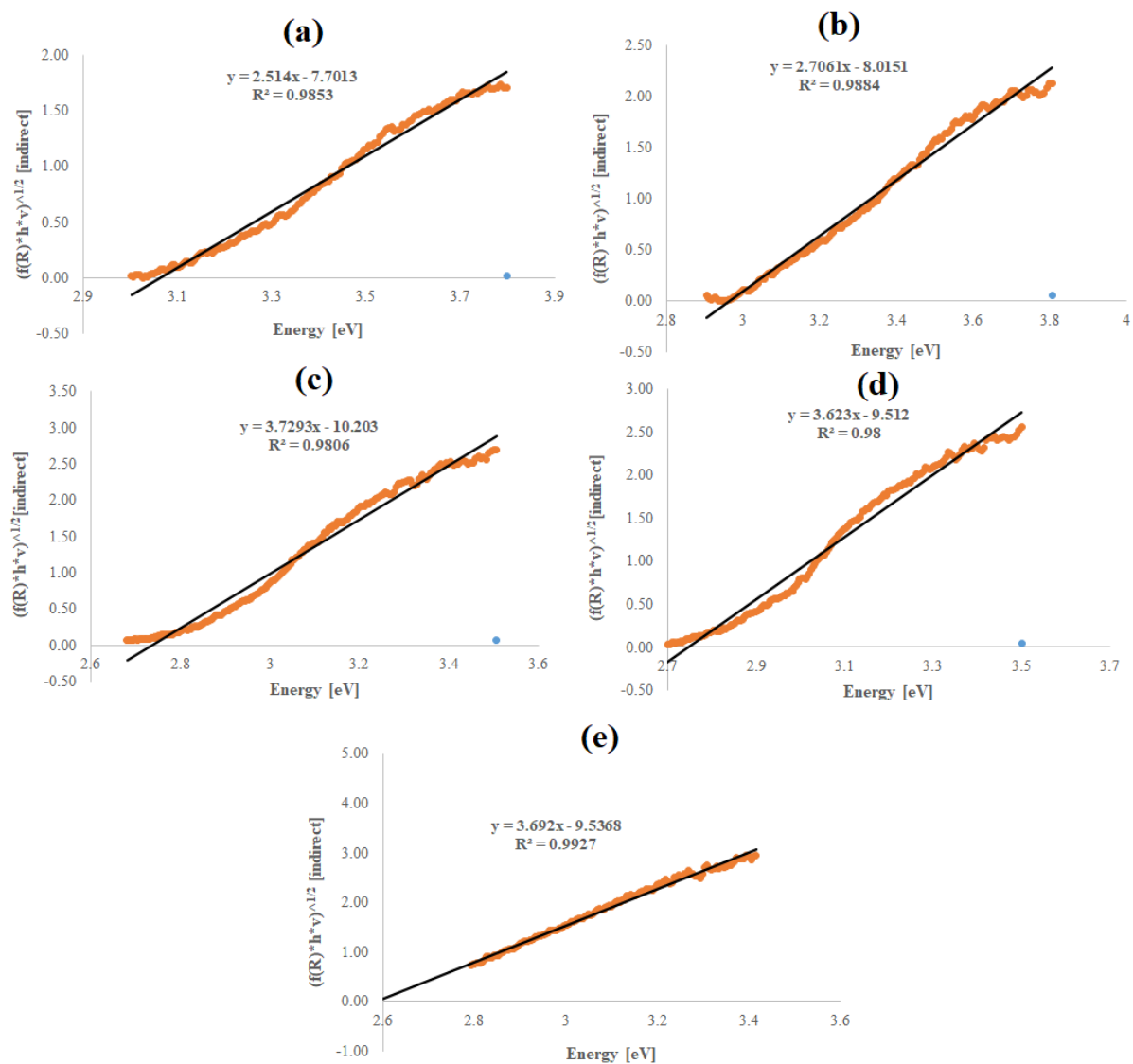


Figure S1. Tauc plots for annealed fibers (a) 100% TiBALDH (b) 90% TiBALDH (c) 50% TiBALDH (d) 10% TiBALDH (e) 0% TiBALDH.

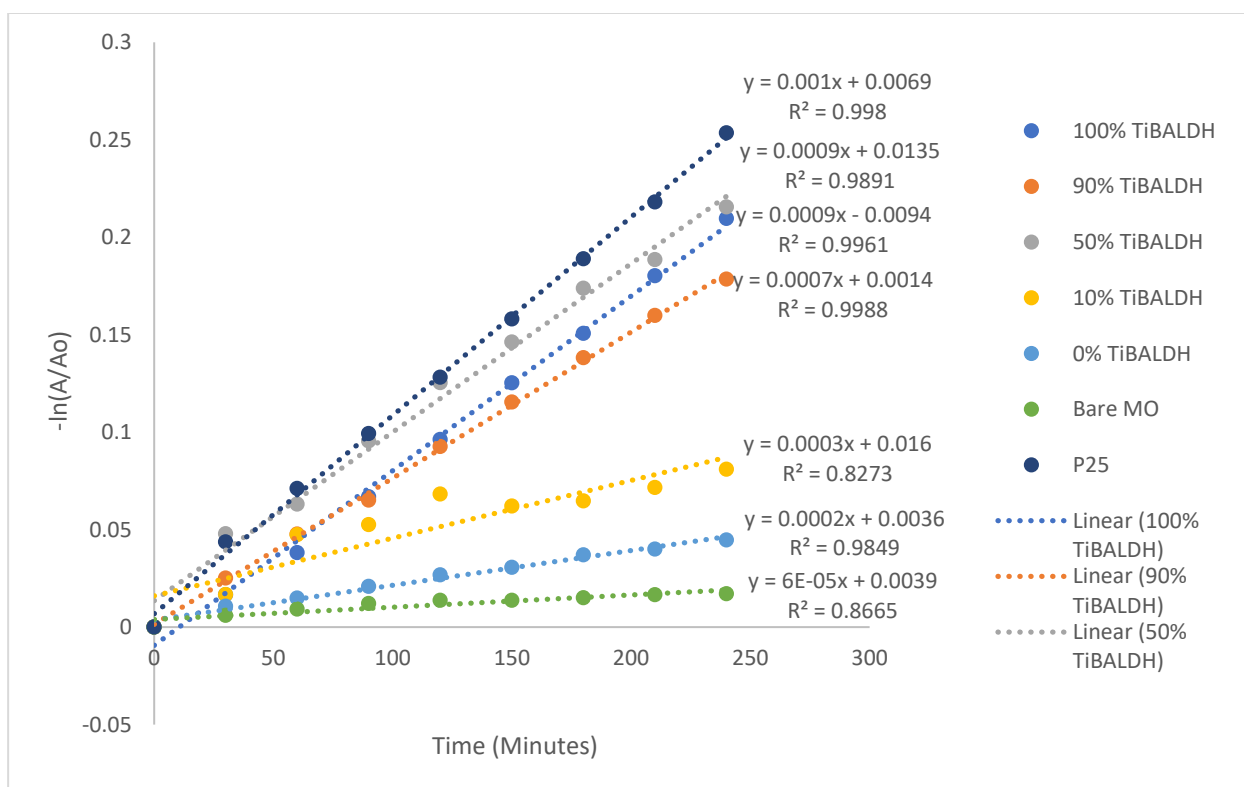


Figure S2. Apparent rate constant(slope) and r^2 values for the photocatalytic degradation of methyl orange in UV light.

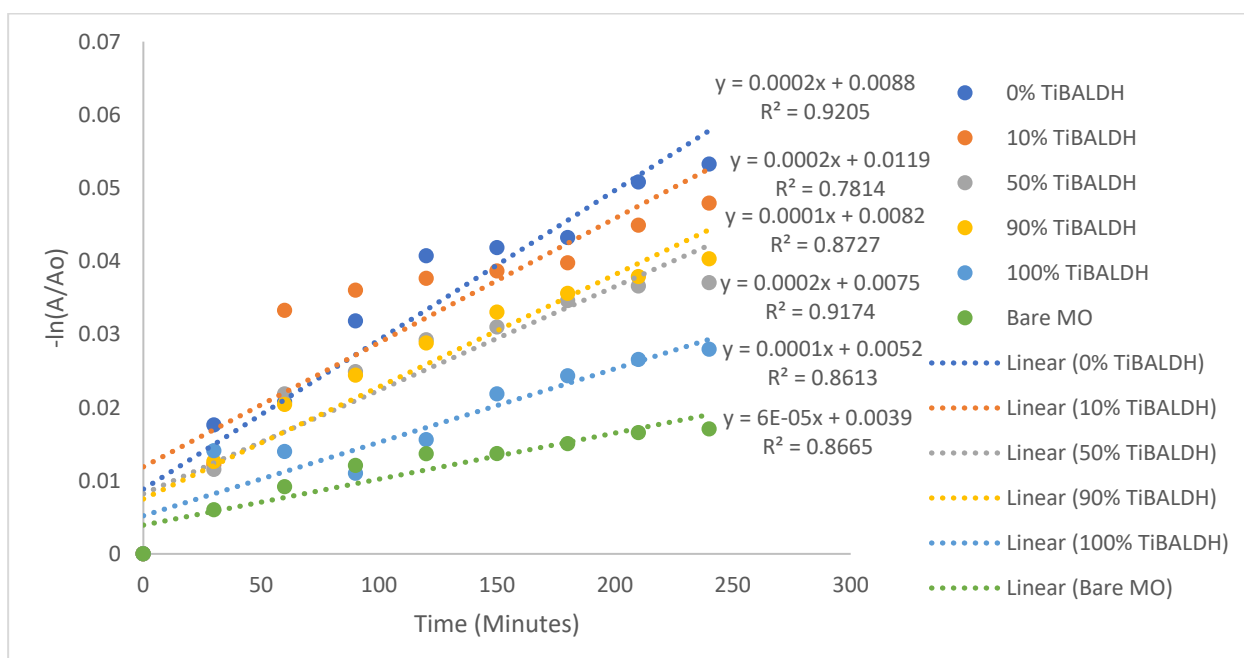


Figure S3. Apparent rate constant(slope) and r^2 values for the photocatalytic degradation of methyl orange in Visible light.