Supplementary Materials:

Synthesis of TiO$_2$/WO$_3$ Composite Nanofibers by a Water-Based Electrospinning Process and Their Application in Photocatalysis

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Percentage of semi-conductor oxides in the precursor

TiO$_2$

\[ C_6H_{10}N_2O_6Ti \rightarrow TiO_2 + N_2O_x + CO_{x-1} + nH_2O \]

\[
\frac{79.97}{294.08} \times 100 = 27.16\%
\]

WO$_3$

\[(NH_4)6[H_2W_{12}O_{40}]xH_2O \rightarrow 12WO_3 + 6NH_3 + (x + 4)H_2O\]

\[
\frac{2781.6}{2956.30} \times 100 = 94.08\%
\]
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.