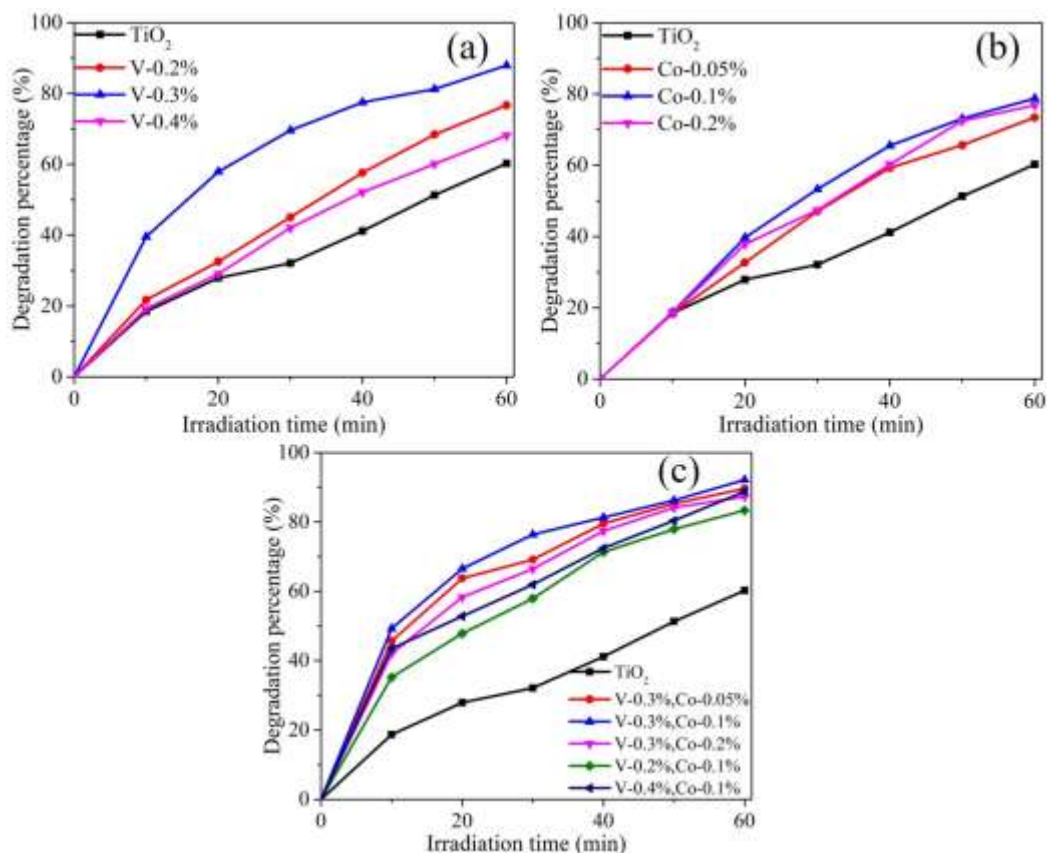
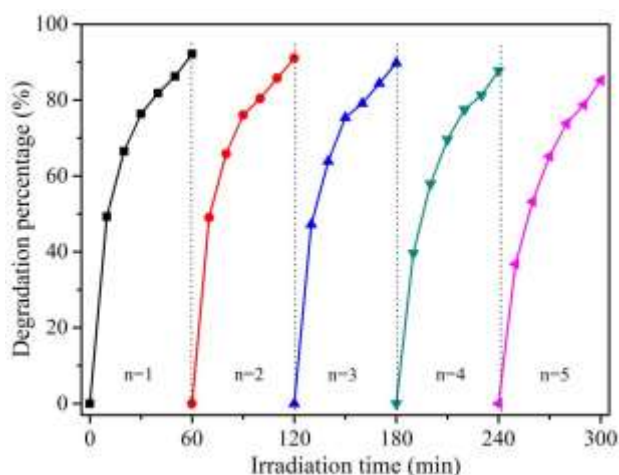


## Supplementary Information



**Figure S1.** Degradation percentage of MB by V and Co doped TiO<sub>2</sub> samples prepared at pH 1.5 and sintered at 500 °C. (a) V-TiO<sub>2</sub> of different doping quantities; (b) Co-TiO<sub>2</sub> of different doping quantities; (c) (V, Co)-TiO<sub>2</sub> of different doping quantities.



**Figure.S2.** Five recyclable visible-light catalytic degradation experiments using (V, Co)-TiO<sub>2</sub> photocatalyst in 0.01g L<sup>-1</sup> MB solution.



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