

Supplementary Materials: Improving Photocatalytic Degradation Activity of Organic Pollutant by Sn⁴⁺ Doping of Anatase TiO₂ Hierarchical Nanospheres with Dominant {001} Facets

Meiling Sun¹, Weichong Kong¹, Yunlong Zhao¹, Xiaolin Liu¹, Jingyue Xuan¹, Yunyan Liu¹, Fuchao Jia¹, Guangchao Yin¹, Jun Wang^{1,*} and Junkai Zhang^{2,*}

¹ School of Physics and Optoelectronic Engineering, Shandong University of Technology, Zibo, 255000, China

² Key Laboratory of Functional Materials Physics and Chemistry of the Ministry of Education, Jilin Normal University, Siping, 136000, China

* Correspondence: junwang1819@163.com (J. W.); zjk8688@126.com (J. Z.)

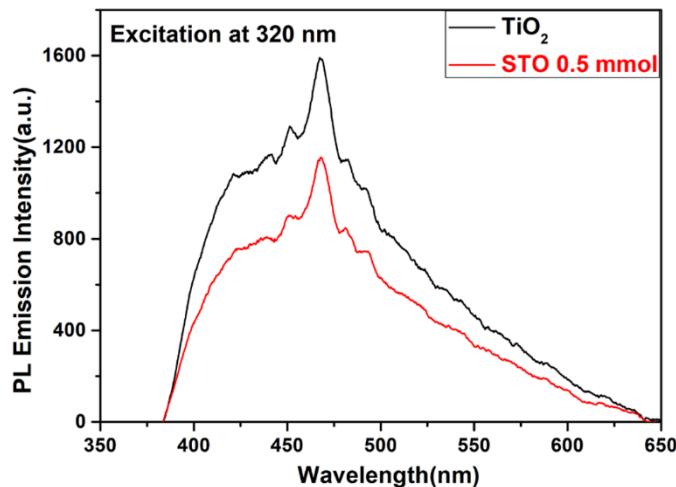


Figure S1. PL spectra of TiO₂ (24 h) and STO (0.5 mmol) hierarchical nanospheres.

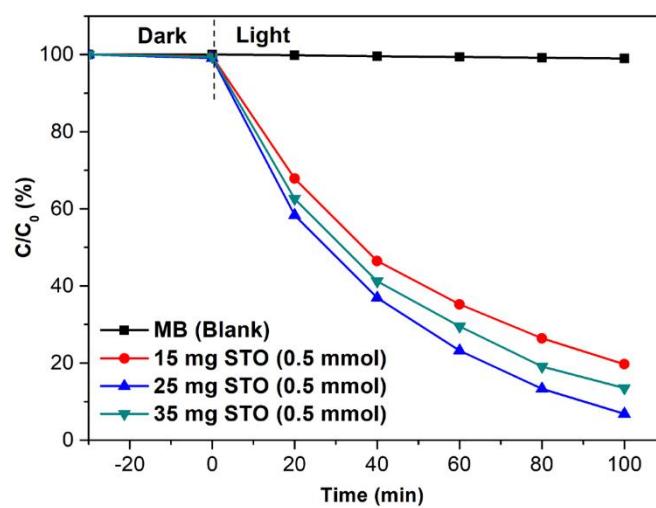


Figure S2. Photocatalytic degradation of MB with STO (0.5 mmol) hierarchical nanospheres at various amounts (15, 25 and 35 mg).