## Facile Fabrication Hybrids of TiO<sub>2</sub>@ZnO Tubes with Enhanced Photocatalytic Properties

Minghui Wang, <sup>a</sup> Liying Cui, <sup>a</sup> Songyang Li, <sup>a</sup> Zhuoxin Li, <sup>a</sup> Tianliang Ma, <sup>a</sup> Guoyou Luan, <sup>a\*</sup> Wei Liu, <sup>b</sup> Fanli Zhang, <sup>a</sup>

<sup>&</sup>lt;sup>b</sup> State Key Laboratory on Integrated Optoelectronics, College of Electronic Science and Engineering, Jilin University, 2699 Qianjin Street, Changchun, 130012, People's Republic of China

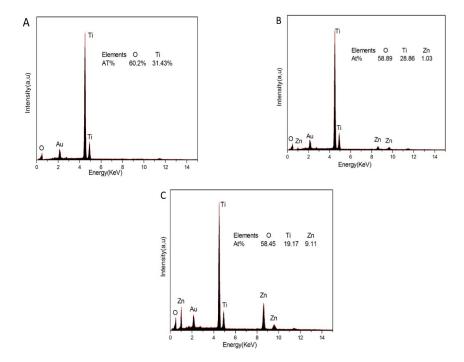


Fig. S1: The EDX spectra of samples (A Pure TiO<sub>2</sub> tubes; B TiO<sub>2</sub>@ZnO (0.01M); C TiO<sub>2</sub>@ZnO (0.1M)

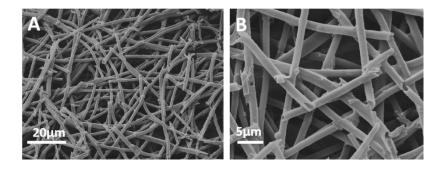


Fig. S2: The morphology of ZnO@TiO<sub>2</sub> hybrids after second repeated use (A The low magnification of SEM image; B The high magnification of SEM image of hybrids)

<sup>&</sup>lt;sup>a</sup> College of Resources and Environment, Jilin Agricultural University, Changchun 130118, People's Republic of China