Supporting Information

TiO₂ nanotube arrays loaded with reduced graphene oxide films:

Facile hybridization and promising photocatalytic application

Mingzheng Ge, ^a Shuhui Li, ^a Jianying Huang, *^a Keqin Zhang, *^{a,b} Salem S. Al-Deyab, ^c and

Yuekun Lai*^{a,b}

^a National Engineering Laboratory for Modern Silk, College of Textile and Clothing

Engineering, Soochow University, Suzhou 215123, China.

^b Research Center of Cooperative Innovation for Functional Organic / Polymer Material

Micro/Nanofabrication, Soochow University, Suzhou, Jiangsu 215123, China.

^c Department of Chemistry, College of Science, King Saud University, Riyadh 11451, Saudi Arabia.

Corresponding author email: yklai@suda.edu.cn; kqzhang@suda.edu.cn; jyhuang81@suda.edu.cn

Supporting figure captions:

Figure S1. Photocurrent responses with bias potential at 1.0 V in 0.1 M Na₂SO₄ solution (a) and photodegradation of MO for GO-TiO₂ NTAs with different cycle numbers at 5, 10, 15, 20, 28 and 35 (b).



Figure S1. Photocurrent responses with bias potential at 1.0 V in 0.1 M Na₂SO₄ solution (a) and photodegradation of MO for GO-TiO₂ NTAs with different cycle numbers at 5, 10, 15, 20, 28 and 35 (b).