Supplementary Data

Seeding-induced construction of N-doped TiO$_2$-bronze@g-C$_3$N$_4$ two-dimensional binary nanojunctions with enhanced photocatalytic activity

Yilong Yang$^a$, Yongli Li$^{a,*}$, Jinshu Wang$^{a,*}$, Yan Zhang$^a$, Di He$^a$, Junshu Wu$^a$, Hongxing Dai$^{b,*}$

$^a$Key Laboratory of Advanced Functional Materials, School of Materials Science and Engineering, Beijing University of Technology, Beijing, 100124, China

$^b$Laboratory of Green Catalysis and Separation, Key Laboratory of Beijing on Regional Air Pollution Control, and Laboratory of Catalysis Chemistry and Nanoscience, Department of Chemistry and Chemical Engineering, College of Environmental and Energy Engineering, Beijing University of Technology, Beijing 100124, China
Fig. S1 process of thermodynamic equilibrium
Fig.S2 UV–vis absorbance spectra of g-C$_3$N$_4$, TO, TOCN-1 and NTOCN-1 composites