Supplementary Information

Preparation of Water-Dispersible Porous g-C$_3$N$_4$ with Improved Photocatalytic Activity by Chemical Oxidation

Hui-Jun Li, Bo-Wen Sun, Li Sui, Dong-Jin Qian and Meng Chen

a Department of Chemistry, Shanghai Key Laboratory of Molecular Catalysis and Innovative Materials, Fudan University, Shanghai 200433, P. R. China

b School of Medical Instrument and Food Engineering, University of Shanghai for Science and Technology, Shanghai, 200093, P. R. China.

*Corresponding author. E-mail: chenmeng@fudan.edu.cn
Fig. S1 FTIR spectra of the bulk g-C$_3$N$_4$ and the porous g-C$_3$N$_4$.

Fig. S2. SEM image of the bulk g-C$_3$N$_4$. 

Fig. S2. SEM image of the bulk g-C$_3$N$_4$. 

Fig. S3. Sample photos of the bulk g-C$_3$N$_4$ and the porous g-C$_3$N$_4$.

Fig. S4. The photocatalytic degradation of RhB by Cr$^{3+}$. 

Absorbance vs. Time (min) graph showing:
- blank
- [Cr$^{3+}$]=0.005mg/L
- [Cr$^{3+}$]=0.010mg/L