

Supplementary Information for “Graphene Quantum Dots Modified g-C₃N₄ for Enhanced Photocatalytic Oxidation of Ammonia Performance”

Ruiling Wang^{a,b}, Tian Xie^a, Zhiyong Sun^b, Taofei Pu^a, Weibing Li^{b,c*}, Jin-Ping Ao^{a*}

^a Institute of Technology and Science, Tokushima University, 2-1 Minami-Josanjima, Tokushima 770-8506, Japan. E-mail: Jin-Ping Ao; Email: jpao@ee.tokushima-u.ac.jp; Fax/Tel: +81 88 656 7442

^b State Key Laboratory for Marine Corrosion and Protection, Luoyang Ship Material Research Institute (LSMRI), No. 149-1# Zhuzhou Road, Qingdao, 266101, China.

^c School of Environment and Safety Engineering, Qingdao University of Science and Technology, 53 Zhengzhou Road, Qingdao 266042, China

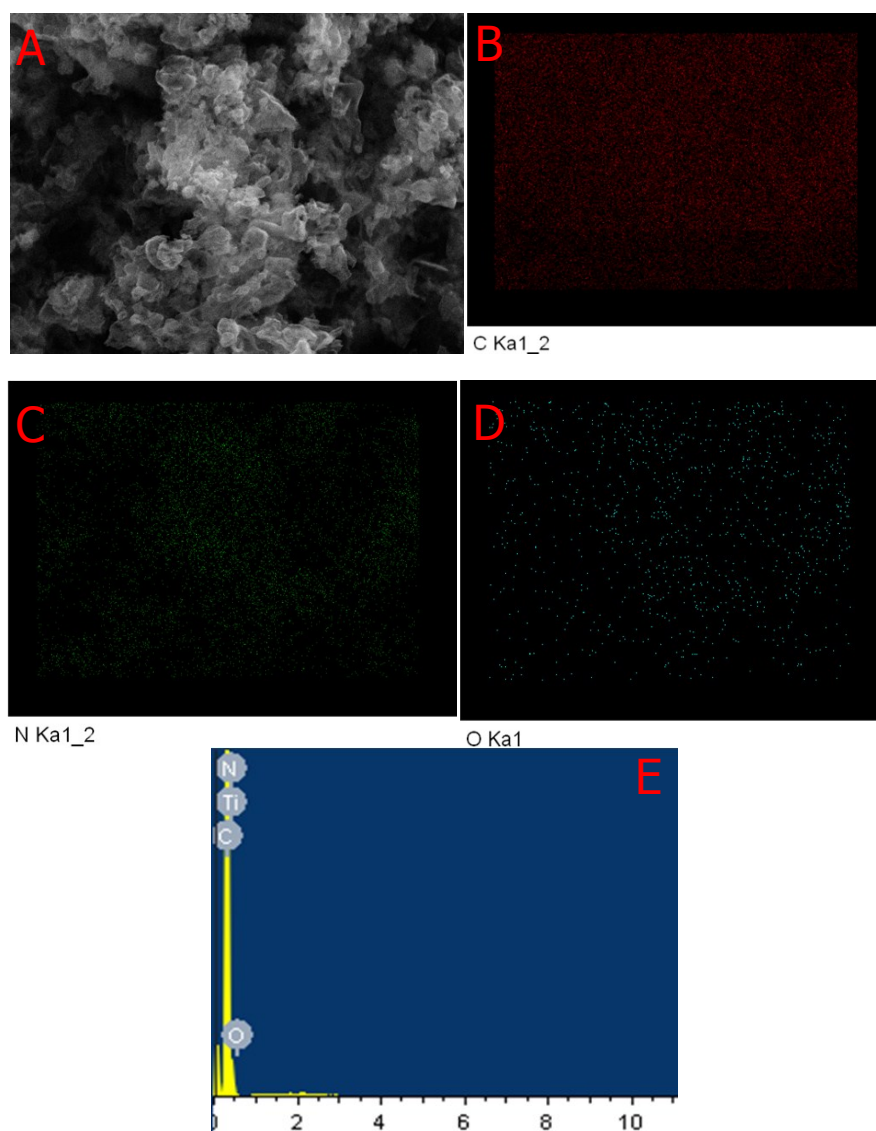


Figure S1. (A) SEM image of GQDs/CN 0.5; (B) C element; (C) N element; (D) O element; (E) EDS result.

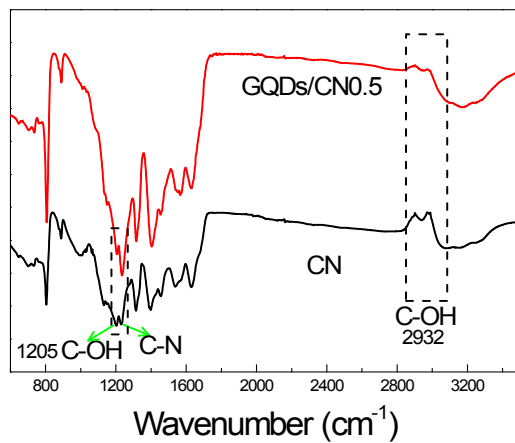


Figure S2. FT-IR result of CN and GQDs/CN 0.5.

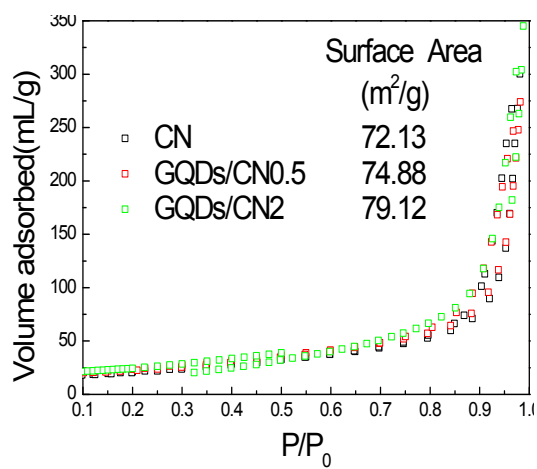


Figure S3. BET results of CN, GQDs/CN0.5 and GQDs/CN2.