

Supporting Information

Aerogel for Highly Efficient Photocatalytic Degradation

Xue-Chun Yang ¹, Jing-Tai Zhao ^{2*}

¹ School of Environmental and Chemical Engineering, Shanghai University, Shanghai 200444, P. R. China

² School of Materials Science and Engineering, Guilin University of Electronic Technology, Guilin 541004, P. R. China

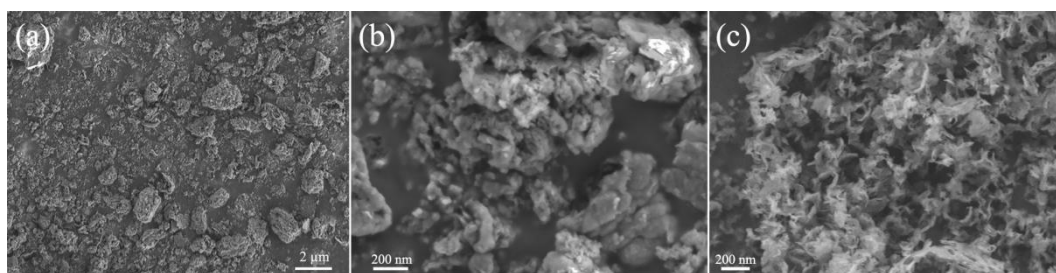


Figure S1. The SEM images of (a) 1-g-C₃N₄, (b) 2-g-C₃N₄ and (c) 3-g-C₃N₄.

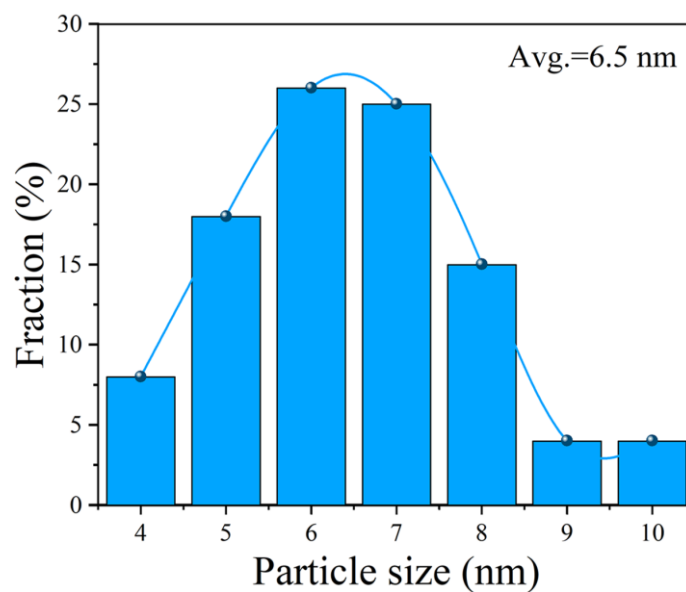


Figure S2. Particle size distribution diagram of the CDs.

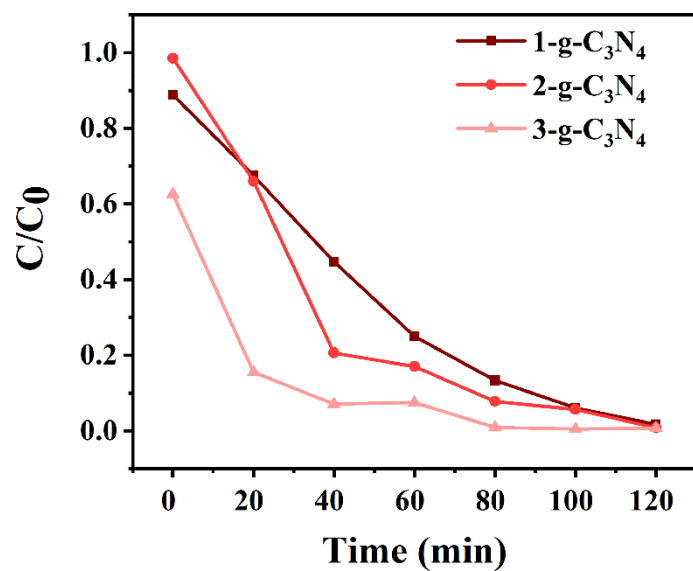


Figure S3. The photocatalytic degradation curve of g-C₃N₄.

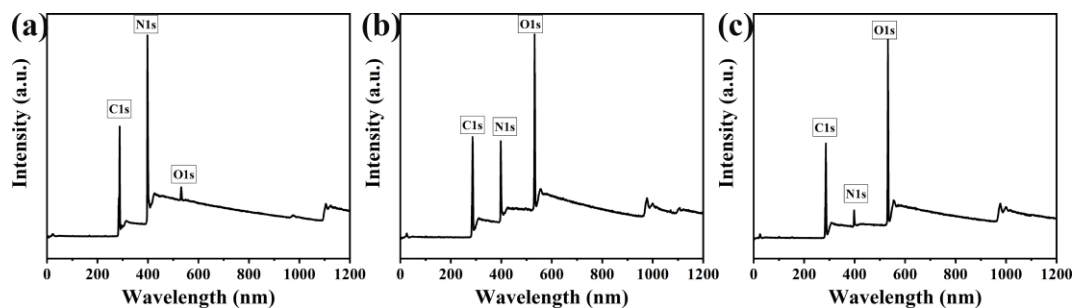


Figure S4. The survey XPS spectrum of (a) g-C₃N₄, (b) Agar/g-C₃N₄ aerogel and (c) Agar/CDs-g-C₃N₄ aerogel.

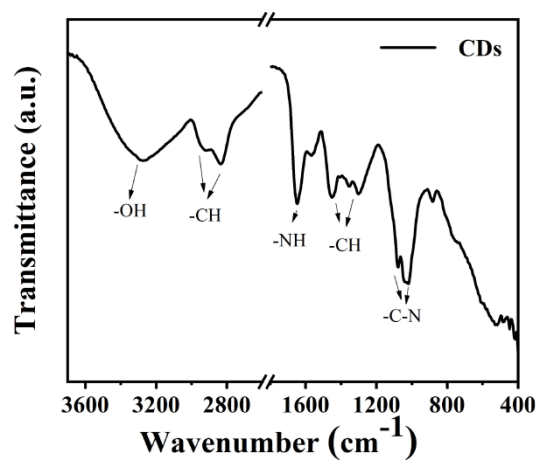


Figure S5. The FTIR spectrum of CDs.