

Supporting information

Two-step hydrothermally synthesized carbon nanodots/WO₃ photocatalysts with enhanced photocatalytic performance

Bo Song,^{a,b} Tingting Wang^b, Honggang Sun^{b,*}, Qian Shao,^c Junkai Zhao,^c
Kaikai Song^b, Luhan Hao,^d Li Wang^b, and Zhanhu Guo^{d,*}

^a Marine College, Shandong University, Weihai, 264209, Peoples R China.

^b School of Mechanical, Electrical & Information Engineering, Shandong University,
Weihai, 264209, Peoples R China.

^c College of Chemical and Environmental Engineering, Shandong University of
Science and Technology, Qingdao 266590, PR China

^d Integrated Composites Laboratory (ICL), Department of Chemical & Biomolecular
Engineering, University of Tennessee, Knoxville, TN 37996 USA.

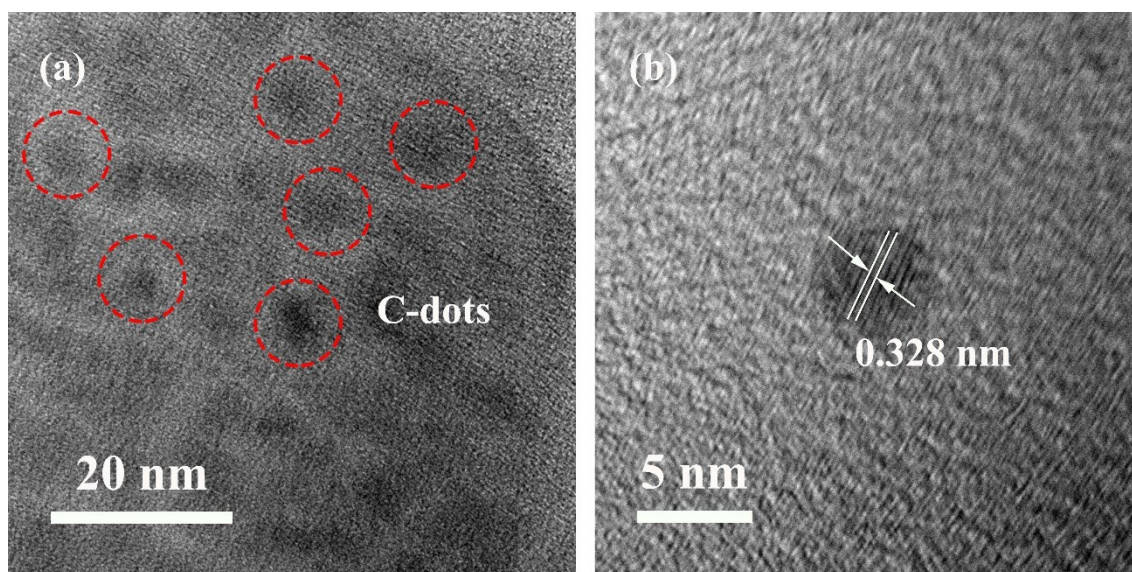


Fig. S1 TEM image (a) and HRTEM (b) of C-dots.

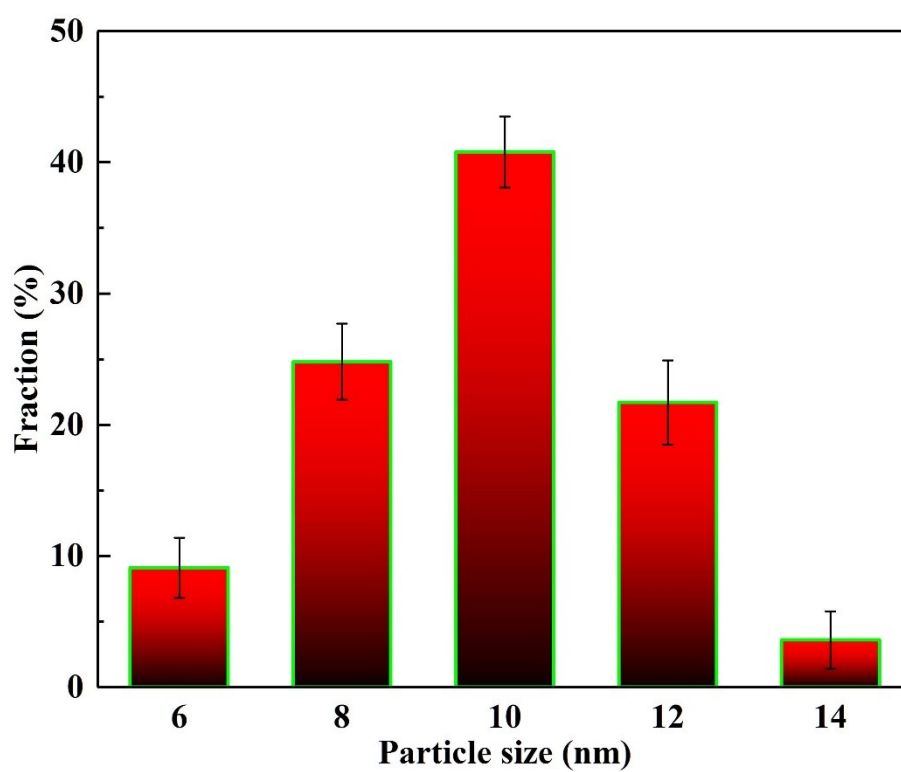


Fig. S2 Size distribution of C-dots obtained from multiple images.

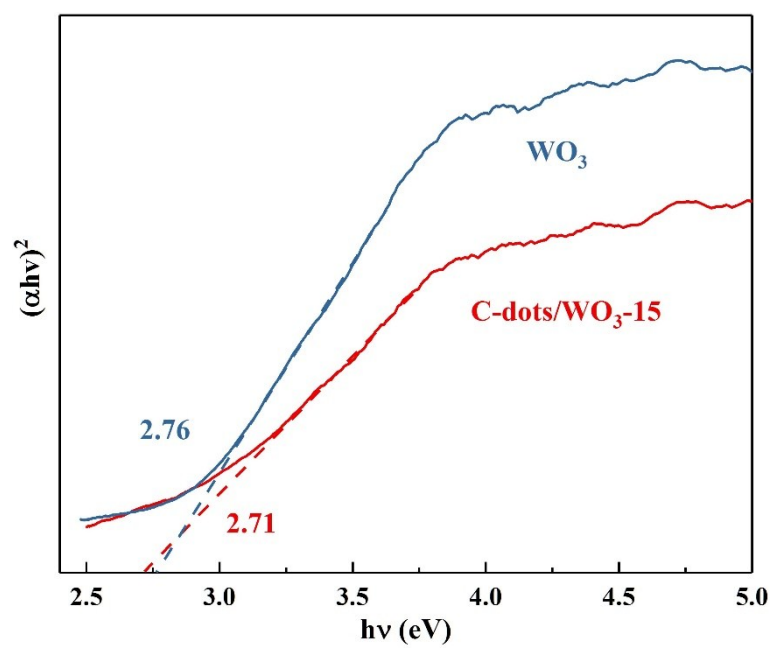


Fig. S3 Estimated band gaps of WO_3 and $\text{C-dots/WO}_3\text{-15}$.