

Supporting Information

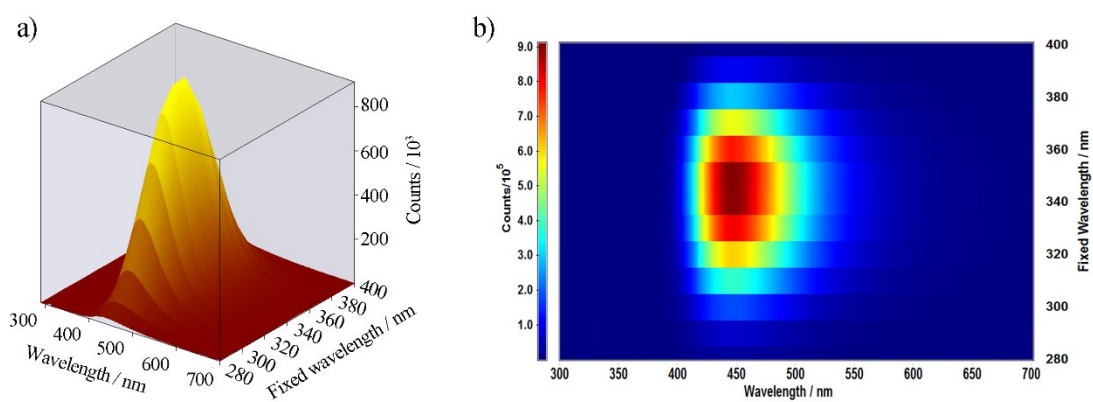


Figure S1: (a) 3D photoluminescence spectrum and (b) contour map of the Zn-CDs.

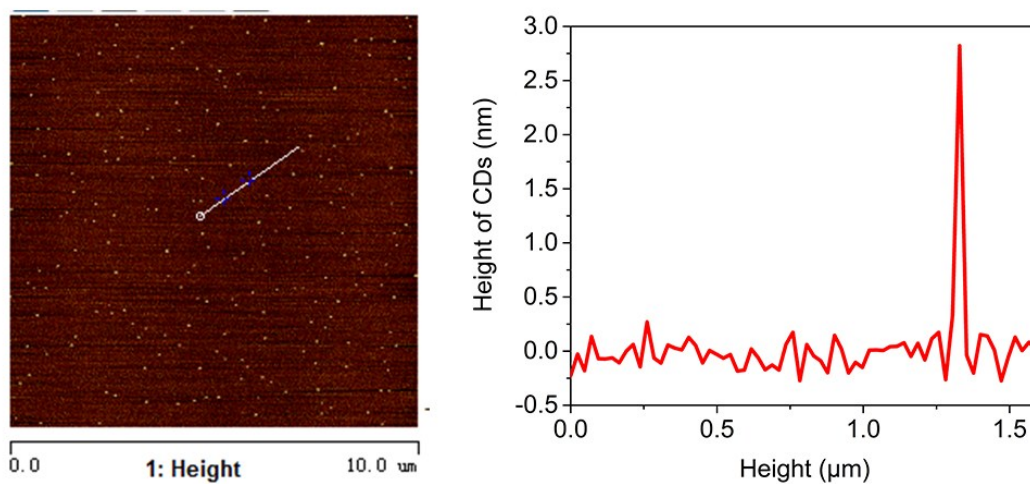


Figure S2: AFM of the Zn-CDs.

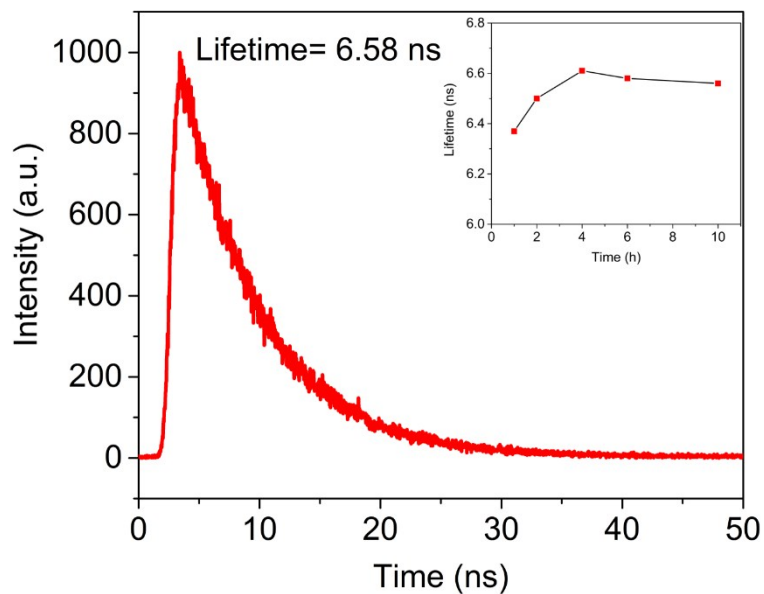


Figure S3: Lifetime of the Zn-CDs.

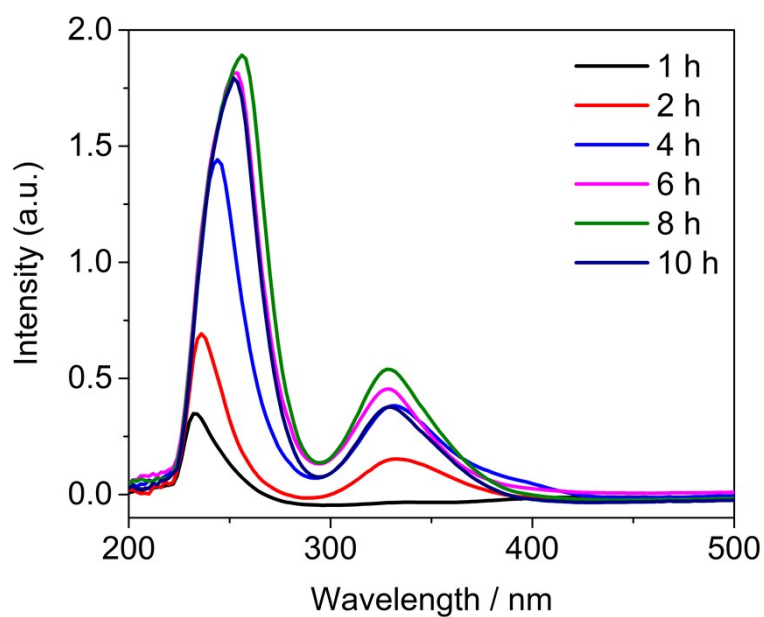


Figure S4: UV-Vis absorption spectra of the Zn-CDs.

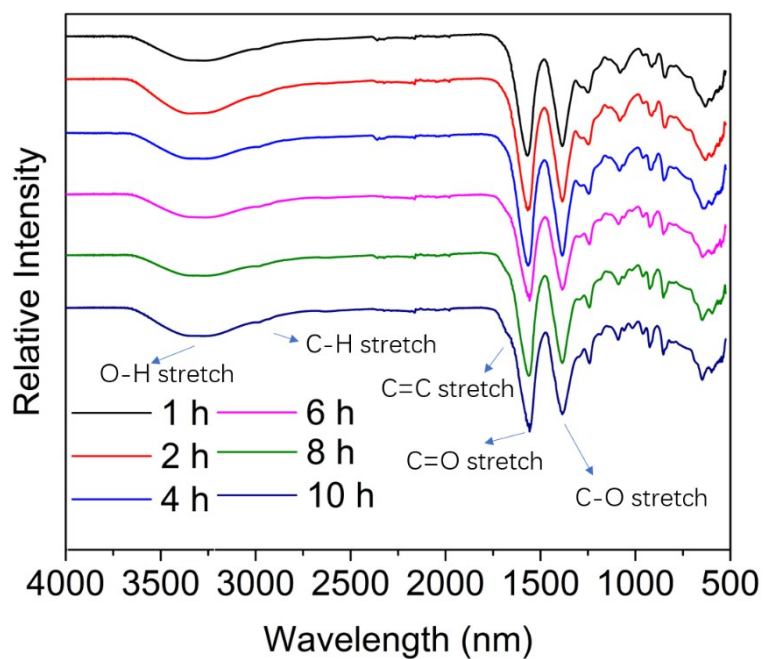


Figure S5: The IR spectra of the Zn-CDs.

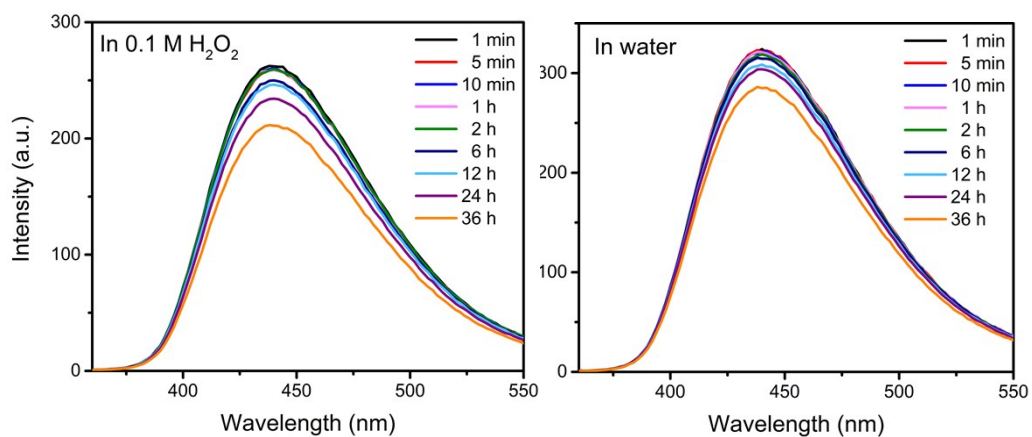


Figure S6: The PL spectra of Zn-CDs in 0.1 M H_2O_2 and deionized water for different time (1 min to 36 h).