

Supporting Information

Photoluminescence enhancement via microwave irradiation of carbon quantum dots derived from solvothermal of L-Arginine

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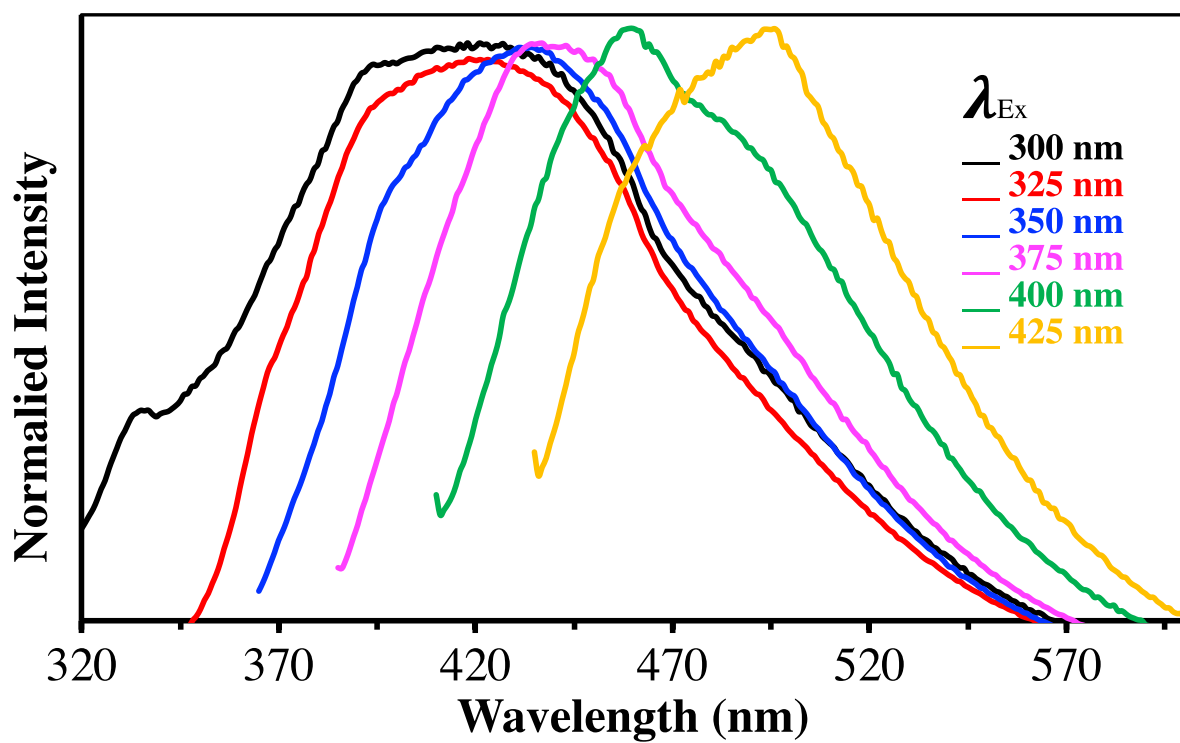


Figure S1 . Photoluminescence spectra at different excitation wavelength for CQDs-M

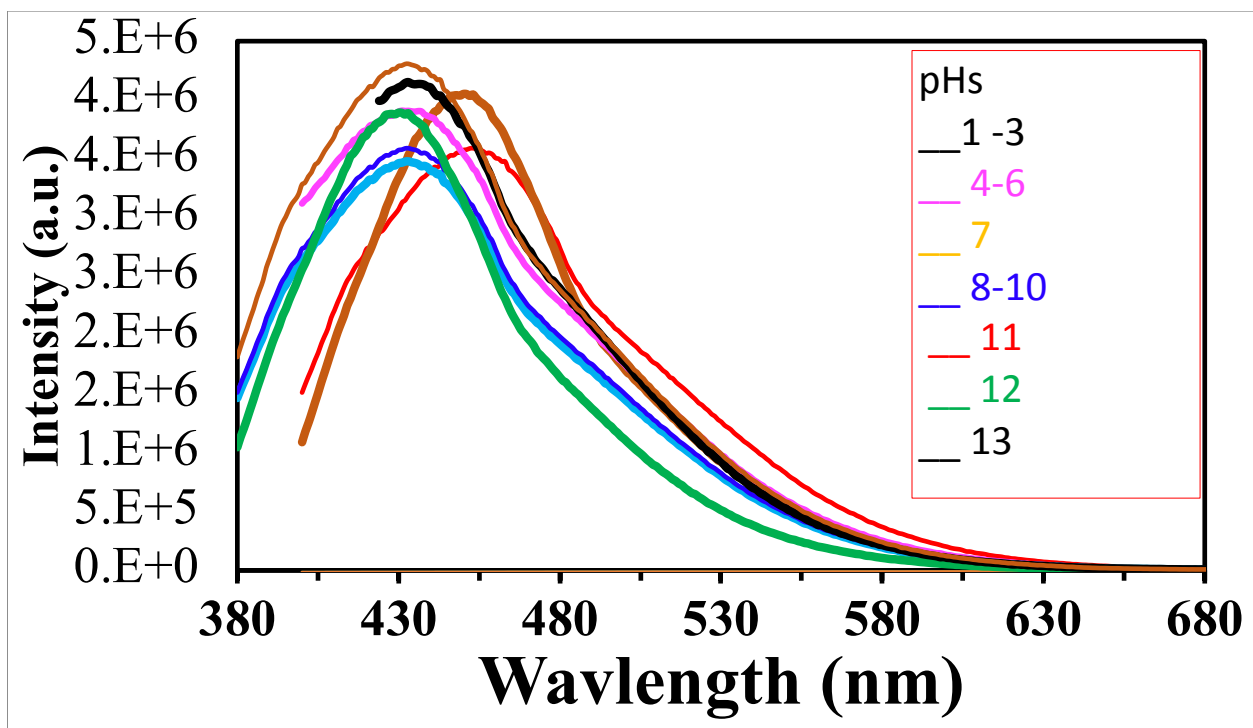


Figure S2. pH effects on the photoluminescence intensity, the fluorescence spectra were taken at the same absorbance of the solutions.

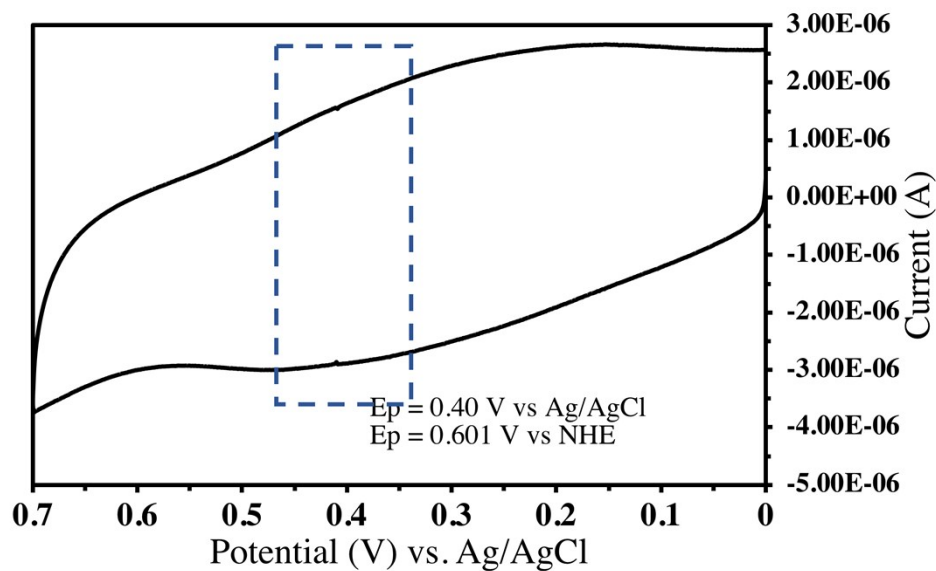


Figure S3. Cyclic voltammogram of CQDs on glassy carbon

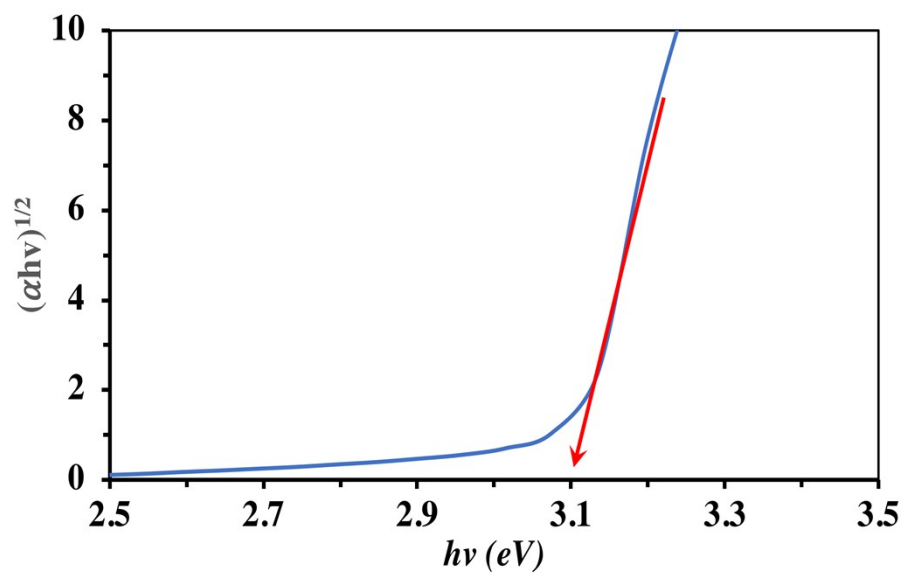


Figure S4. Tauc plot extracted from absorbance measurement.

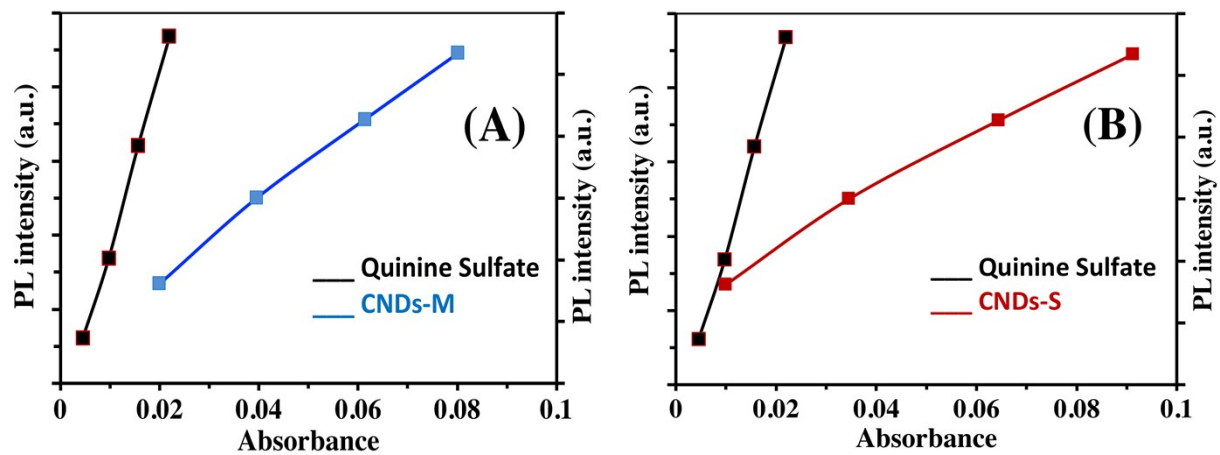


Figure S5. Gradient method for calculating the photoluminescence quantum yields for