Electronic Supplementary Material (ESI) for Analytical Methods.

Supplementary Material

A novel high pH-sensitive nitrogen-doped yellow fluorescent carbon dots based one-step synthesis and detection application in living cells

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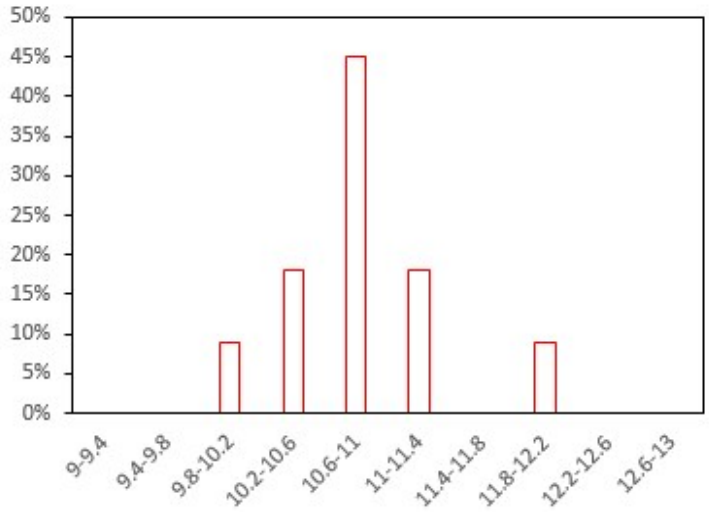

Fig.S1 size distribution histogram of the N-CDs.

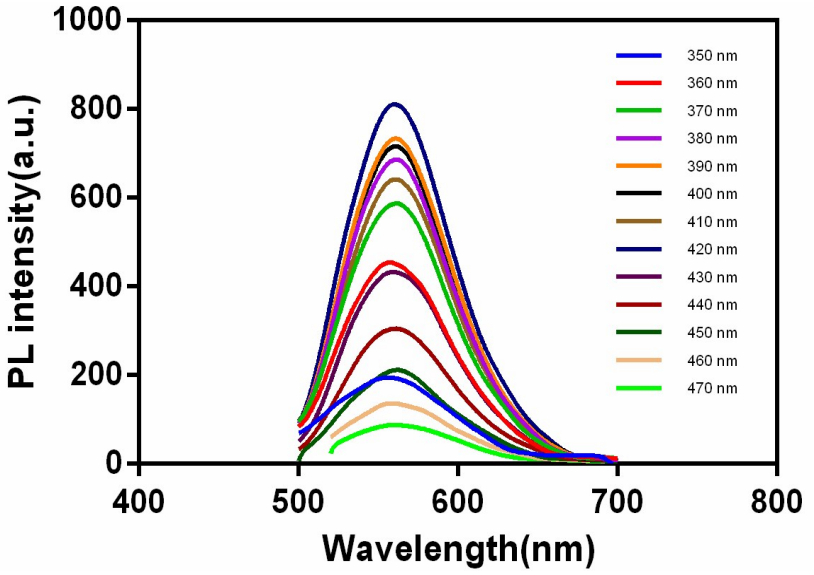

Fig.S2 Fluorescence emission spectra of the N-CDs recorded at excitation wavelengths from 350 nm to 470 nm.

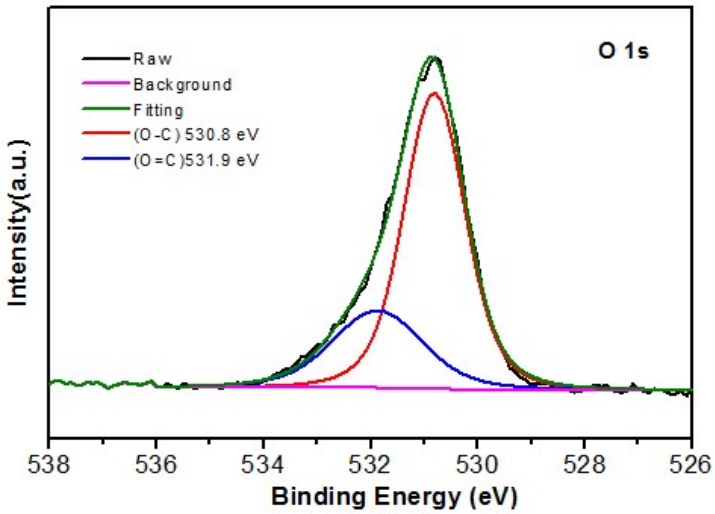

Fig.S3 O1s spectra of the N-CDs.

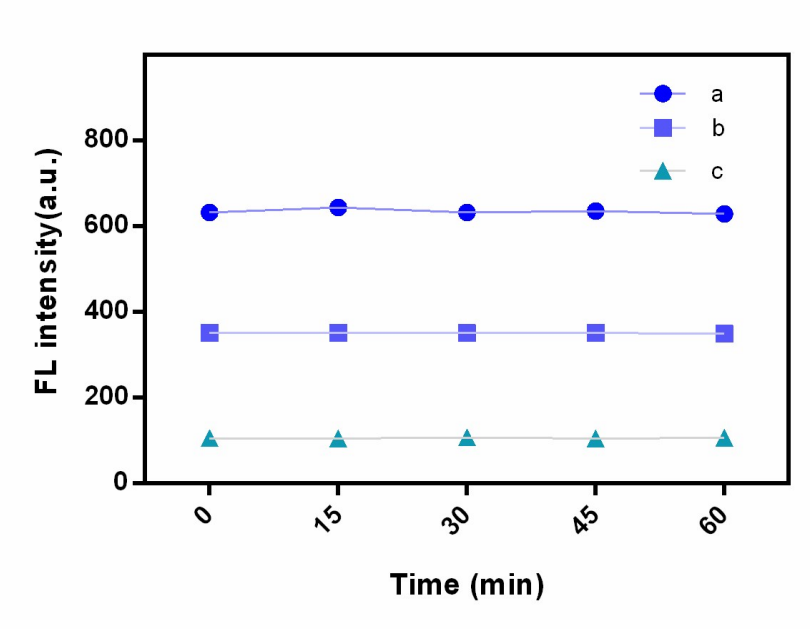

Fig.S4 Time scan of the fluorescence intensity of N-CDs for 1h at pH=6.0 (a), 5.0 (b), 4.0 (c).