

Supporting information

One-pot synthesis of highly greenish-yellow fluorescent nitrogen-doped graphene quantum dots for pyrophosphate sensing via competitive coordination with Eu³⁺ ions

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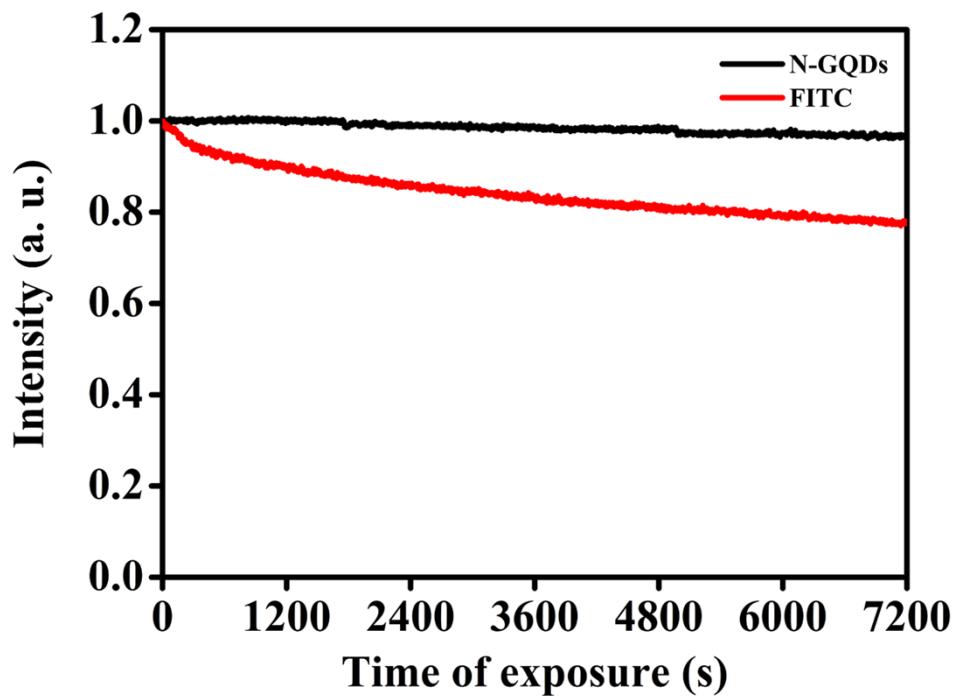


Figure S1 Photostability of the N-GQDs and FITC under continuous irradiation for 2 h.

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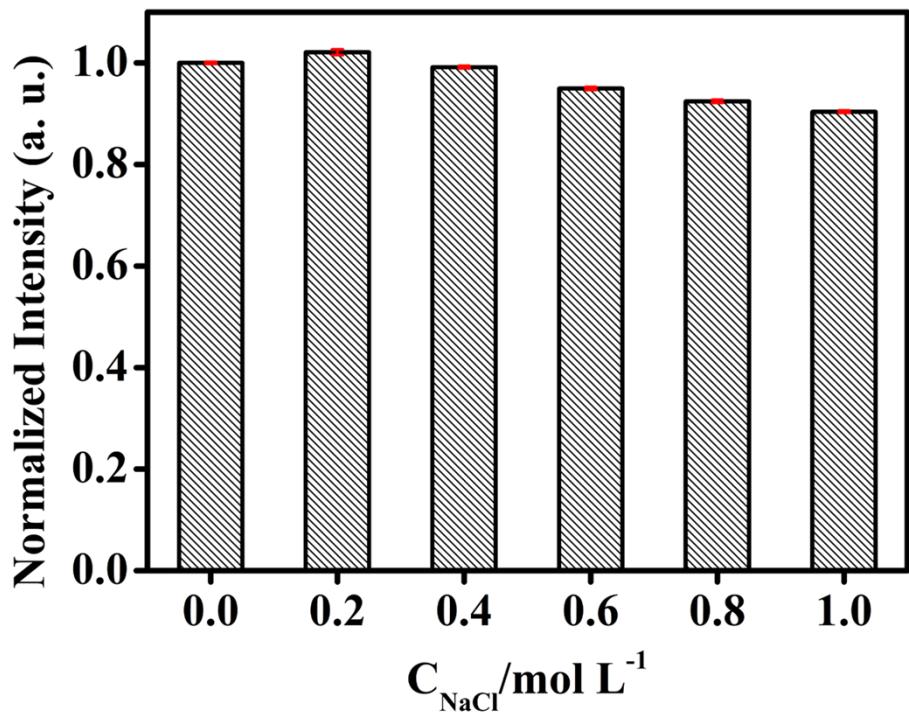


Figure S2 The effect of NaCl concentration on N-GQDs fluorescence intensity.

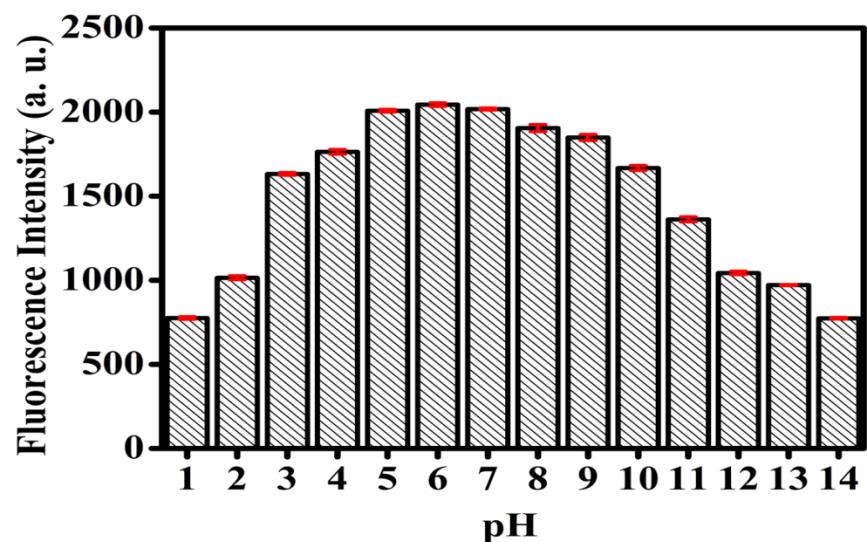


Figure S3 Effect of different pH values on the fluorescence intensity of N-GQDs.

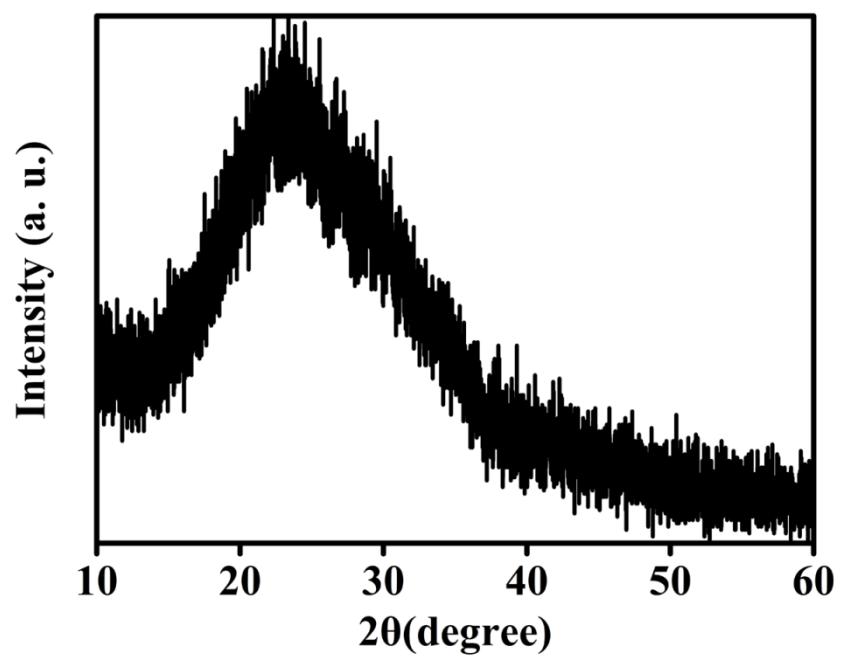


Figure S4 XRD pattern the N-GQDs.

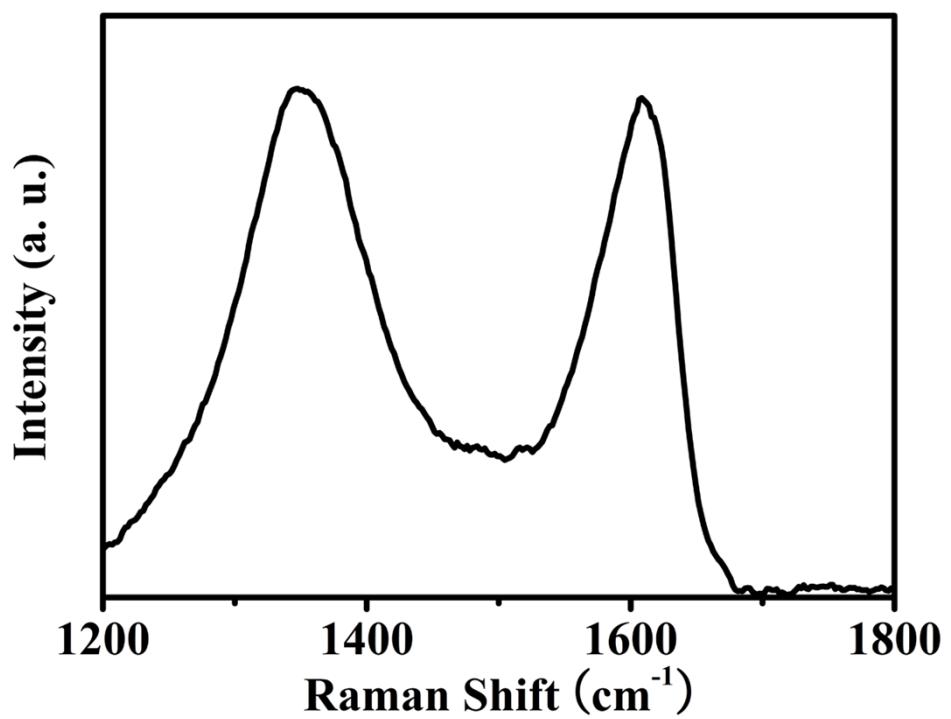


Figure S5 Raman spectrum of the N-GQDs.

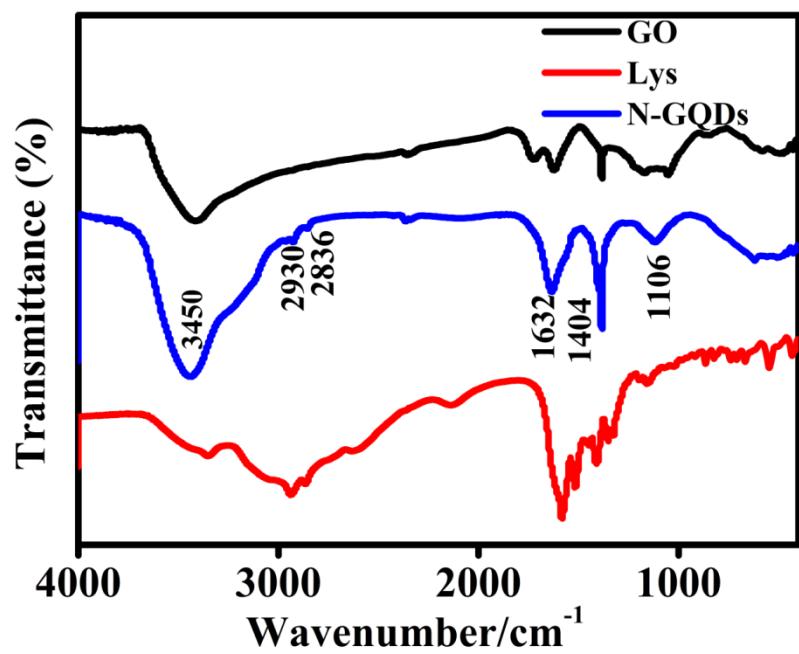


Figure S6 FTIR spectra of the N-GQDs.