Electronic Supplementary Information (ESI) for Analyst

Electronic Supplementary Information

Highly luminescent N-doped carbon dots as a fluorescence detecting platform for Fe^{3+} in solution and living cells

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Abstract. This Supplementary Information included all of the additional information as noted in the text.

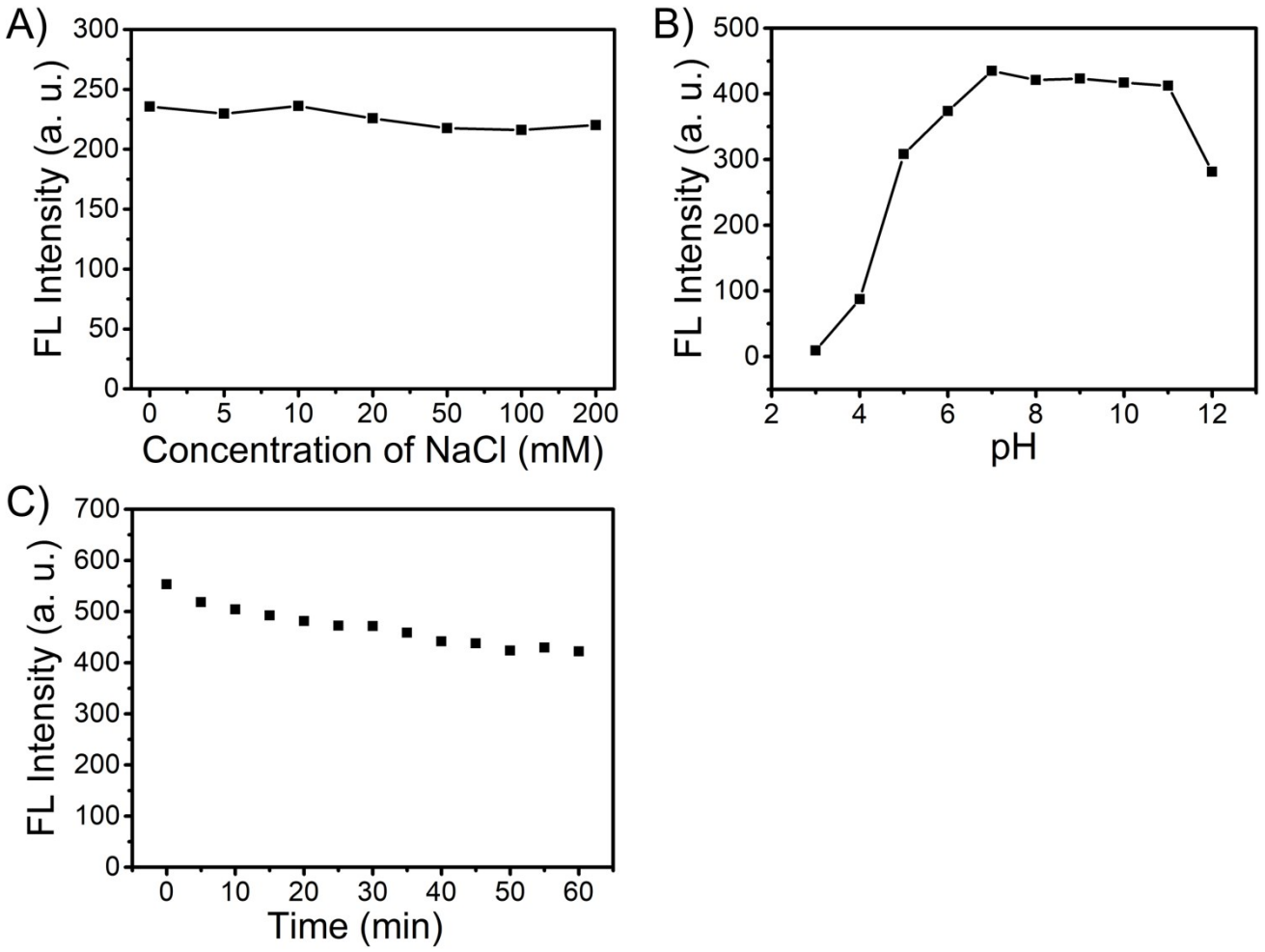

Fig. S1. Stability of N-CDs in different concentrations of NaCl (A), different pH values of water (B), and different lighting time under 365 nm excitation (C).

Table S1. A comparison of the recently reported CDs with the as-prepared N-CDs in this study

Carbon Precursor	Linear Range (μM)	Detection Limit (μM)	References
Chionanthus retusus fruit	0–2	70	S1
Bombyx mori silk	0.5–4	0.38	S2
Phyllanthus acidus	2–25	0.9	S3
Graphite	0–0.7	0.0042	S4
Citric acid and glycine	0–3.5	0.21	S5
m-aminobenzoic acid	0–1.6	0.05	S6
Rice residue and glycine	3.32–32.26	0.7462	S7
Citric acid and thiourea	0–3.5	0.0173	S8
Caffeic acid and ethylenediamine	0–20	0.18	This work

References for the Electronic Supplementary Information:

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