

Nanomolar Level Detection of Metal Ions by Improving the Monodispersity and Stability of Nitrogen-Doped Graphene Quantum Dots

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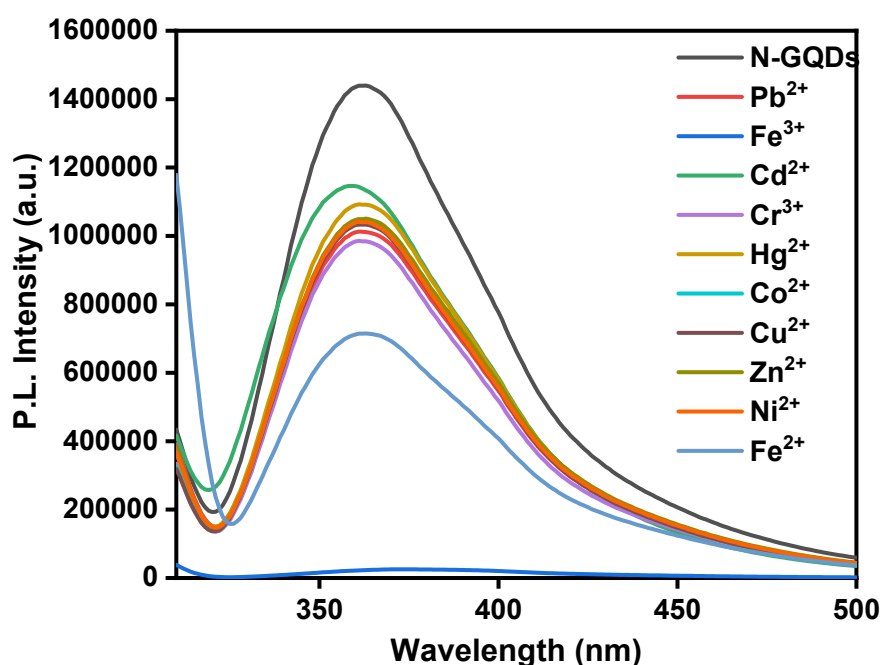


Figure S1: The PL spectra of N-GQDs in the presence of different metal ions.

Table S1: Fluorescence lifetime parameters of NGQDs and NGQDs+Fe³⁺ ion.

System	τ_1 (ns)	a_1	τ_2 (ns)	a_2	# $\langle\tau_{av}\rangle$ (ns)	χ^2
N-GQDs	1.24	0.55	8.15	0.45	4.35	1.10
N-GQDs + Fe ³⁺	0.05	0.99	6.02	0.01	0.11	1.08