

Supporting Information

Implementation of Logic Gate by Chemically Induced Nitrogen and Oxygen Rich C-dots for Selective Detection of Fluoride Ions

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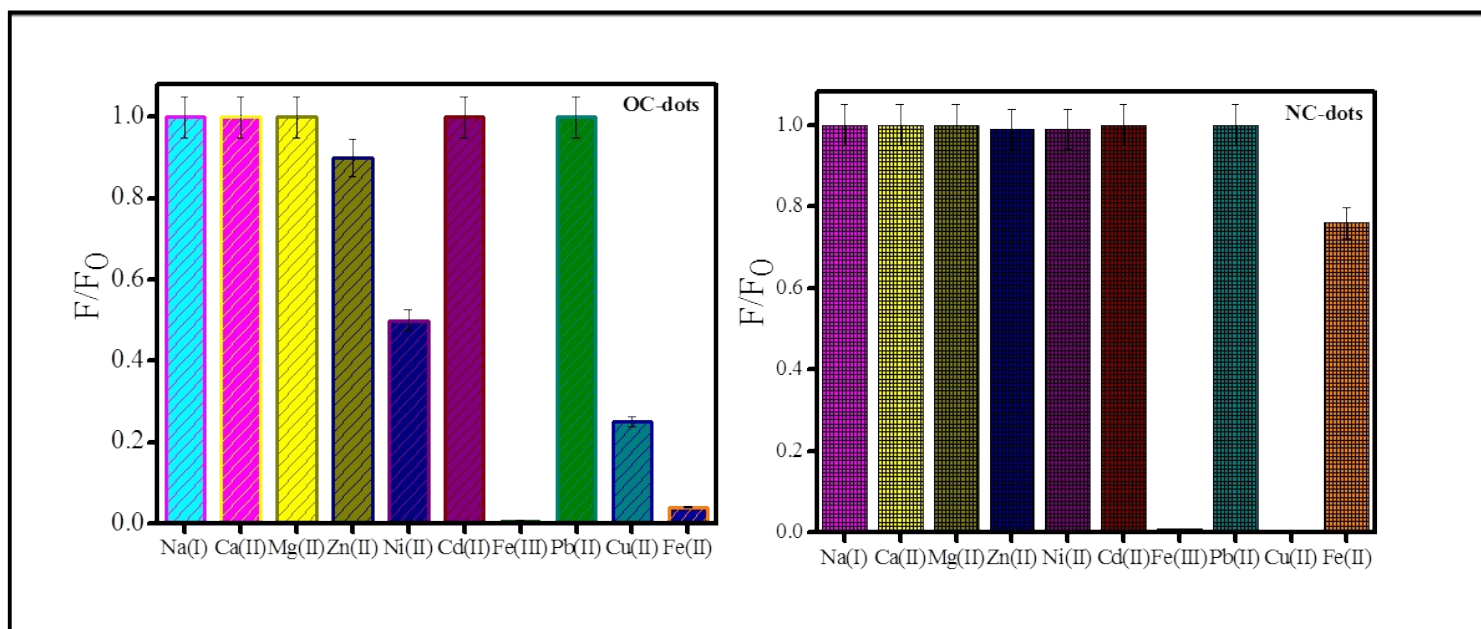


Fig. S1: Evaluation of fluorescence intensity for the selectivity of OC-dots/NC-dots towards different metal cations.

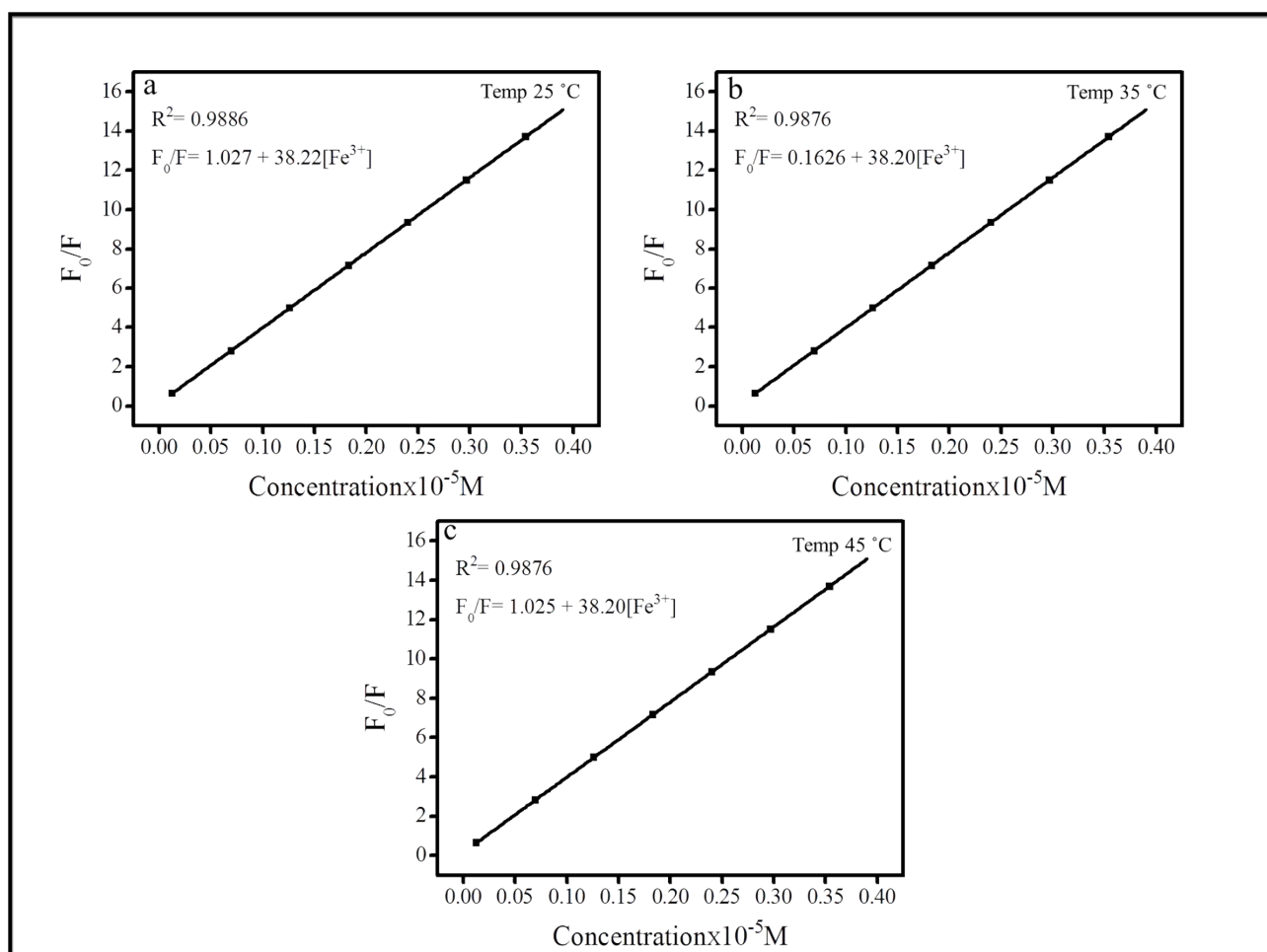


Fig. S2: Stern-Volmer plot F_0/F vs Quencher concentration (Fe^{3+} ions) at different temperature.

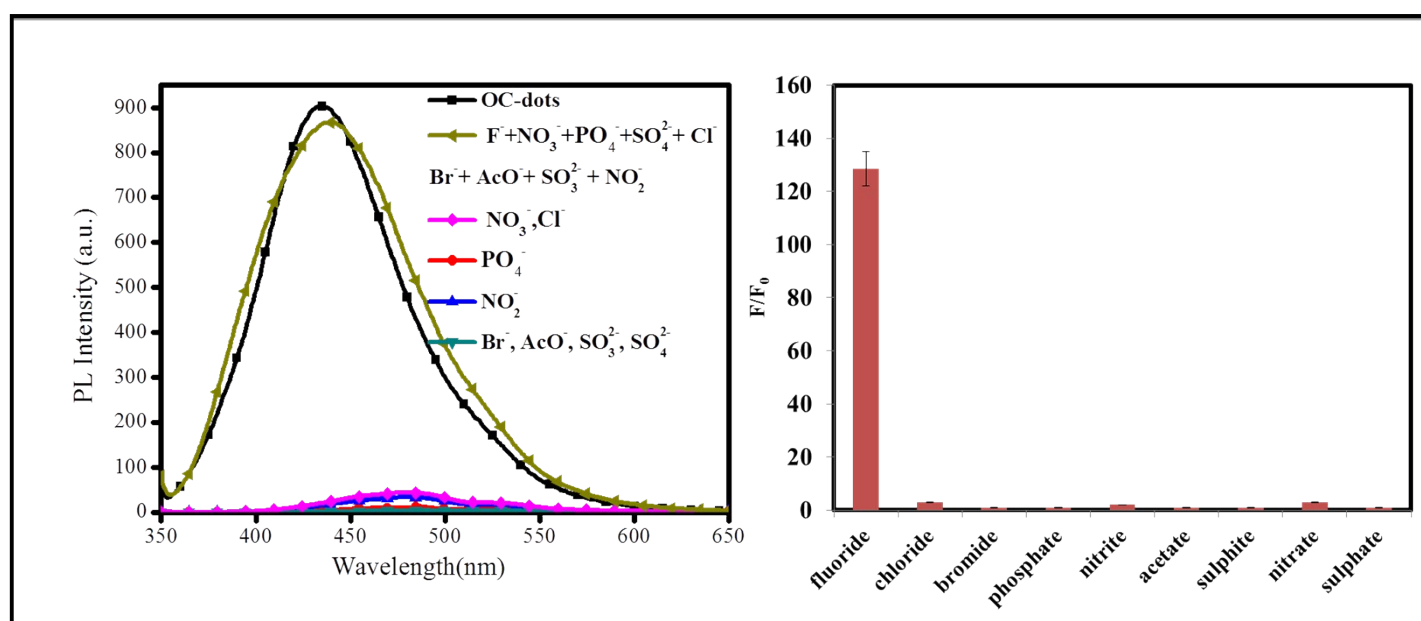


Fig. S3: Selectivity of OC-dots and ferric ion system towards different metal anions.