

Electronic Supplementary Information

Carbon quantum dots/block copolymer ensembles for metal-ion sensing and bioimaging

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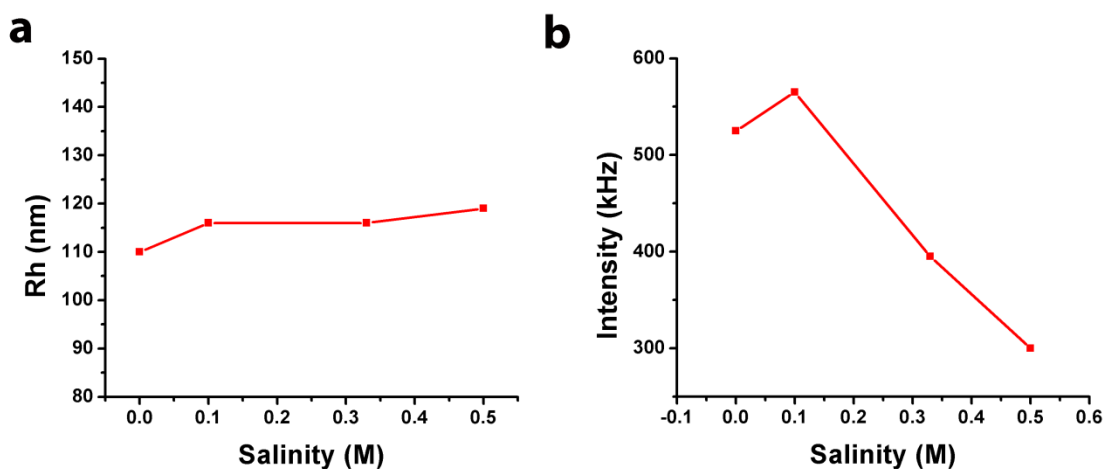


Figure S1. a) Hydrodynamic radii, and b) normalized scattering intensity for CQDs/CSS-IEO-3 in different NaCl concentrations, as obtained from DLS measurements.

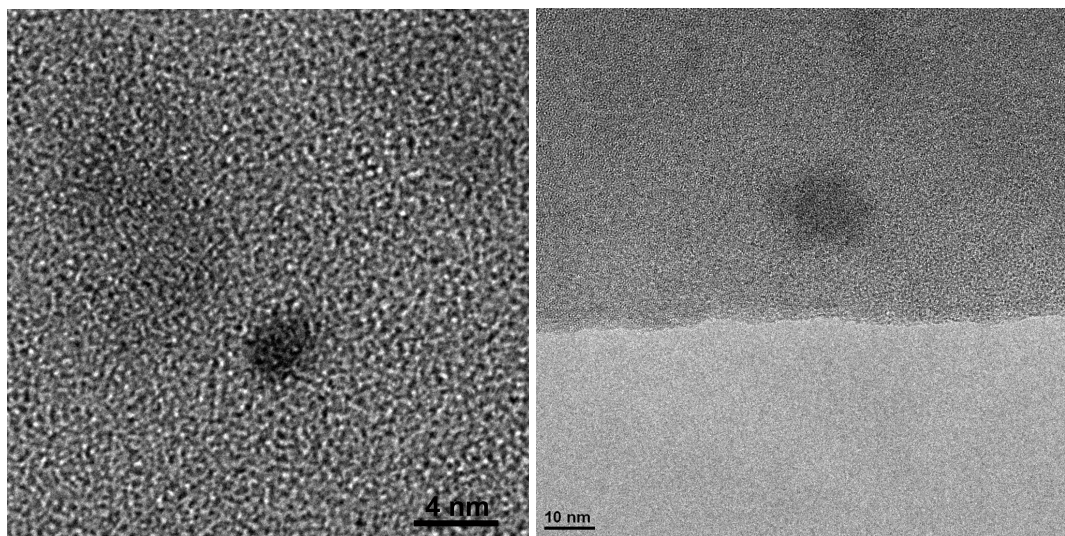


Figure S2. Additional TEM images for CQDs.

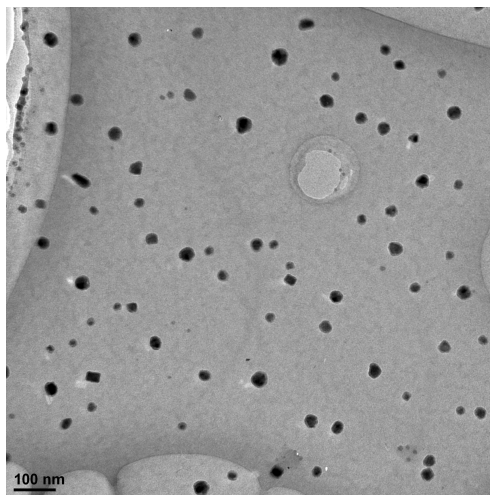


Figure S3. Additional HR-TEM image for CQDs/CSS-IEO-3.

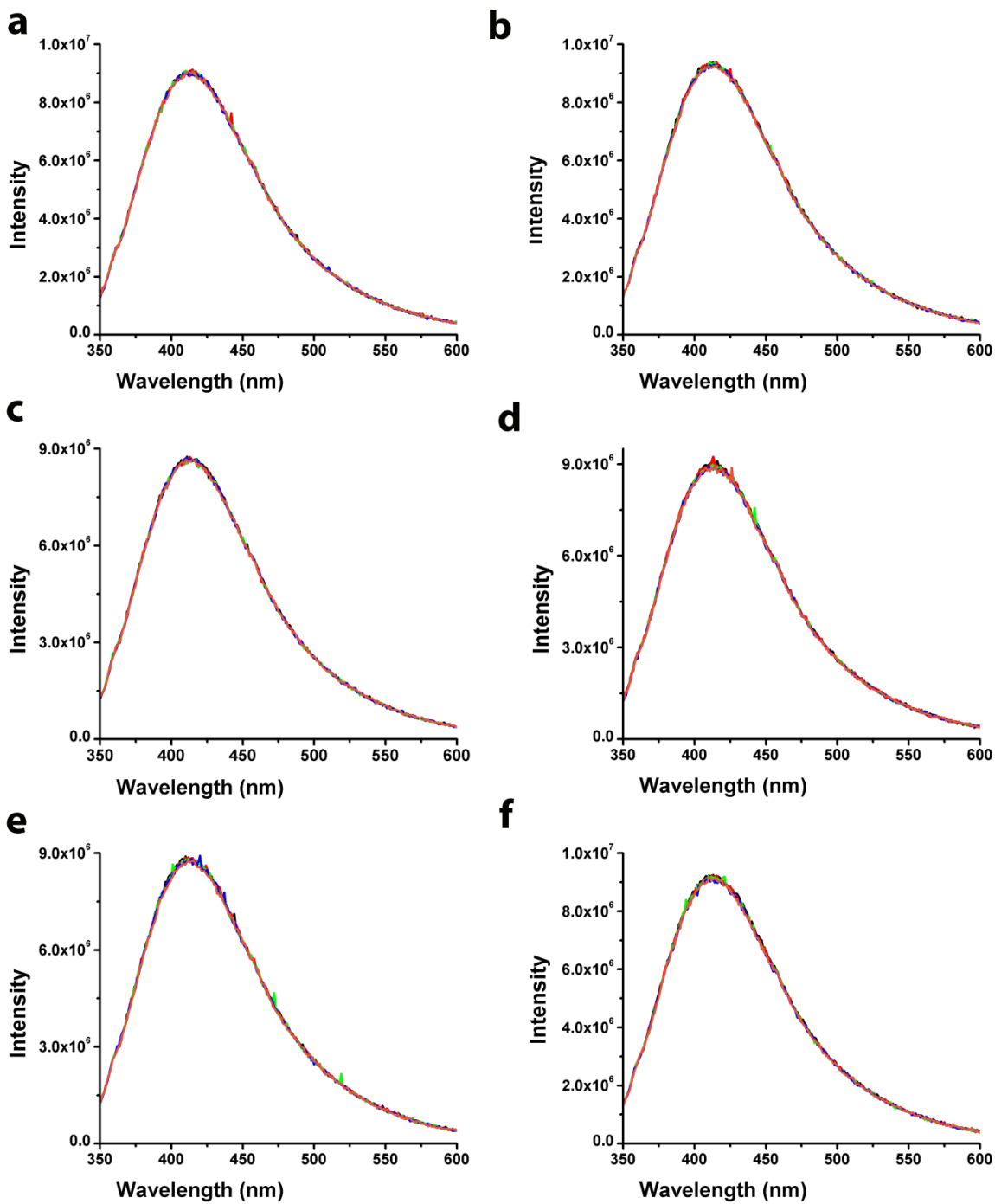


Figure S4. Photoluminescence spectra for CQDs/CSS-IEO-3 titrated with a) CaCl_2 , b) $\text{Cd}(\text{NO}_3)_2$, c) CuCl_2 , d) MnCl_2 , e) $\text{Ni}(\text{NO}_3)_2$, and f) ZnCl_2 , at concentrations 0-200 μM .

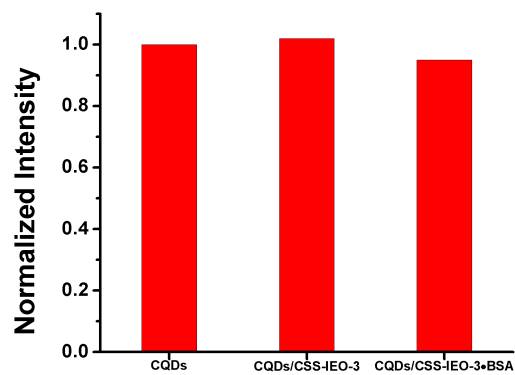


Figure S5. Normalized fluorescence intensity of CQDs, CQDs/CSS-IEO-3 and CQDs/CSS-IEO-3•BSA.