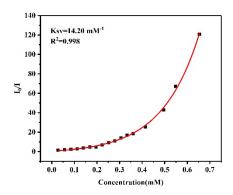
2D coordination polymers based on the interaction between cucurbit[5]uril and light lanthanide metal ions in the presence of copper salts, and use for the detection of nitrogenous bases

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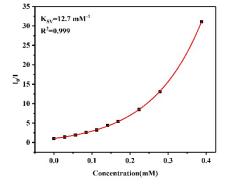


Fig. S1 The fit curve of A and U.

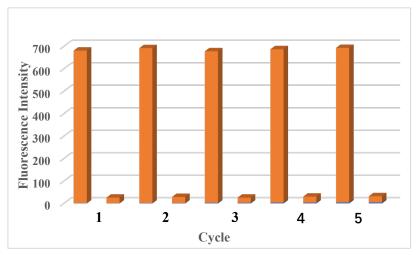


Fig. S2 Fluorescence quenching and recyclability test for 1.

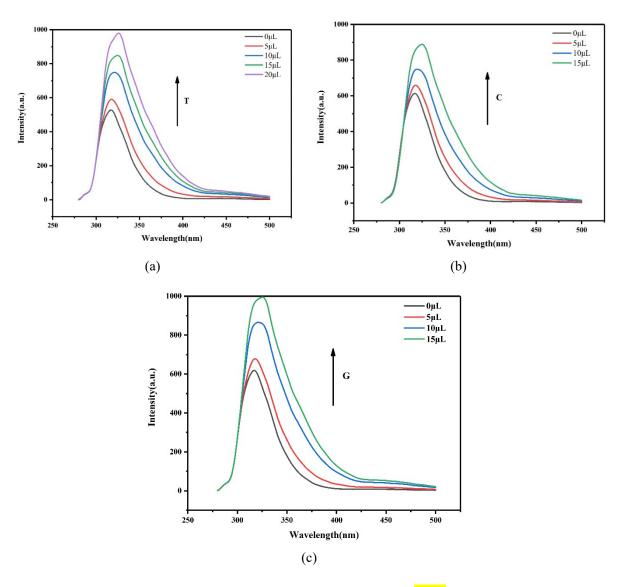


Fig. S3. Fluorescence enhancement of 1 dispersed in water upon addition of T(a), C(b), and G(c).

Table S1. Standard deviation and detection limit calculation for A and U.

		A	U
	1	874.0613	858.1628
	2	872.4453	852.3751
NO.	3	871.1987	860.4659
	4	873.6598	853.9072
	5	875.4375	859.0945
Standard deviation(σ)		1.442606	3.114764
Slope (m)		14.2	12.7
Detection limit (3σ/m, mM)		0.304776	0.340773