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Electronic Supplementary Information

Fabrication of dual-emitting dye-encapsulated metal–organic framework as a stable fluorescent sensor for metal ions detection

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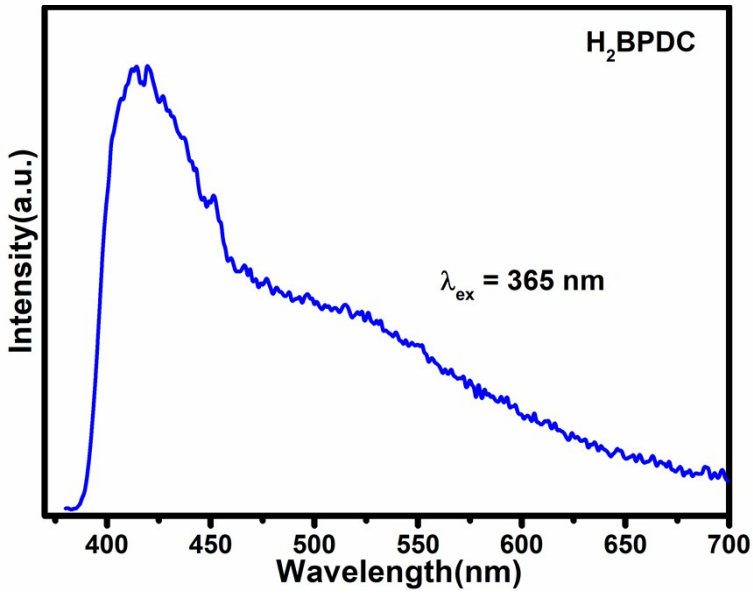

Fig. S1 Emission spectrum of H_2BPDC organic linkers under the excitation of 365 nm.

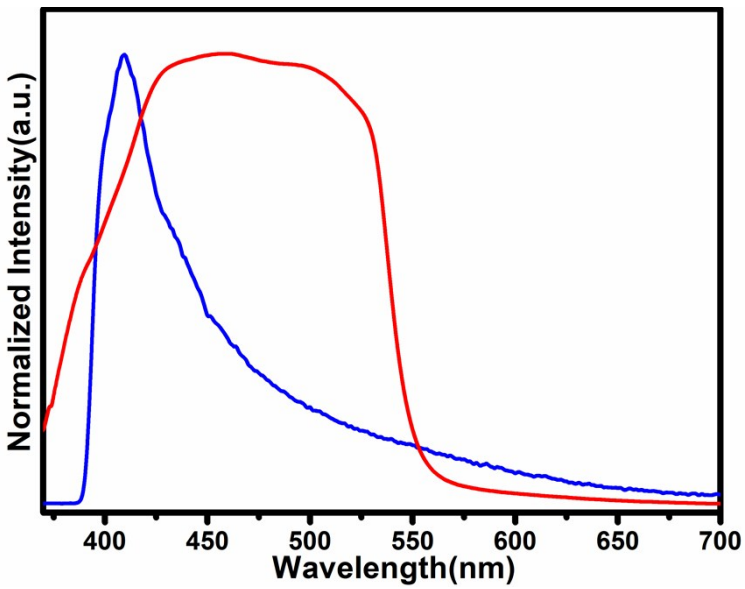

Fig. S2 Emission spectrum of bio-MOF-1 under the excitation of 365 nm (blue) and absorption spectrum of fluorescein solution in DMF (red).

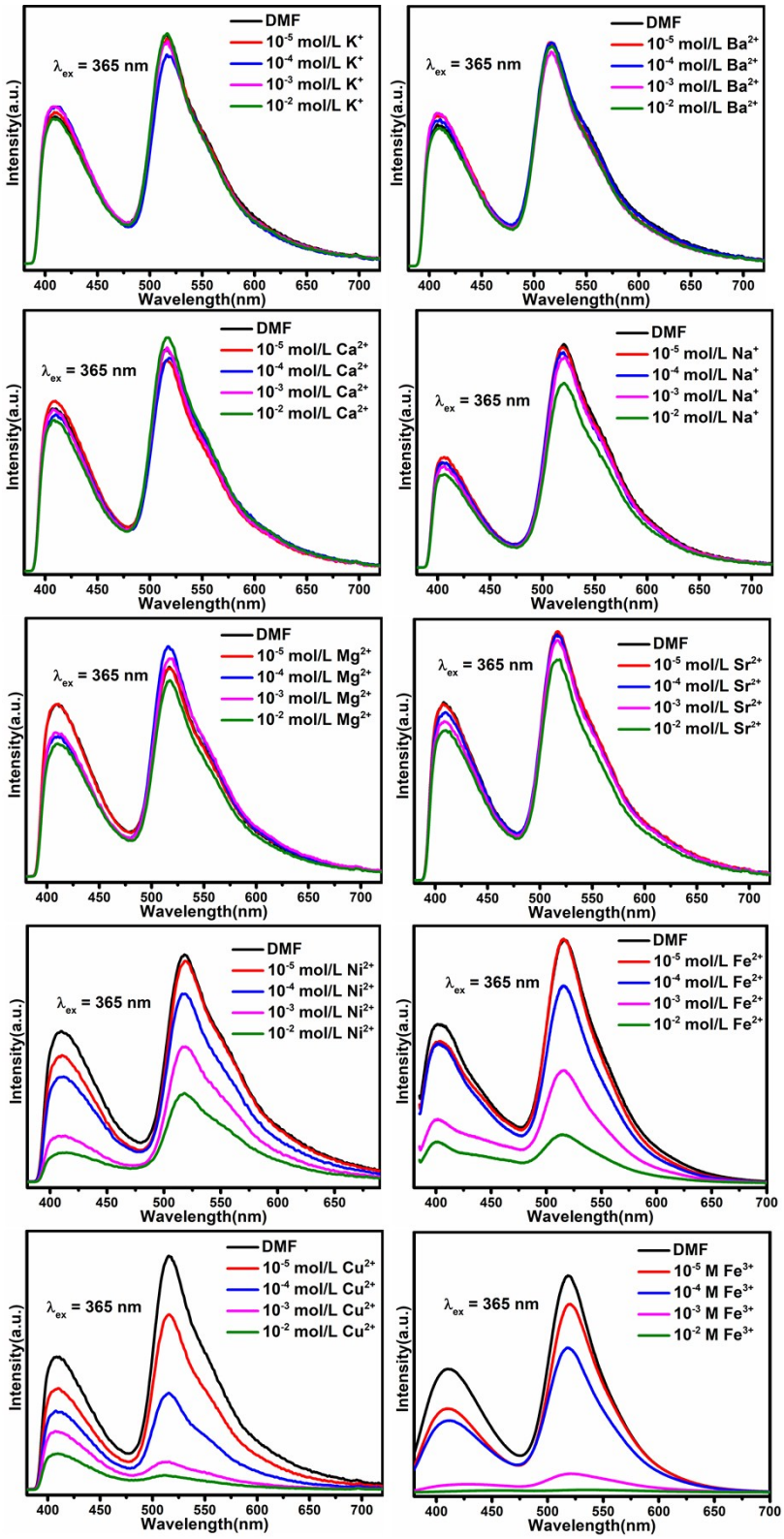

Fig. S3 Emission spectra of fluorescein@bio-MOF-1 after immersed in K^+, Ca^{2+}, Ba^{2+}, Na^+, Mg^{2+}, Sr^{2+}, Ni^{2+}, Cu^{2+}, $Fe^{2+}$and Fe^{3+} DMF solutions at different concentration, excited at 365 nm.