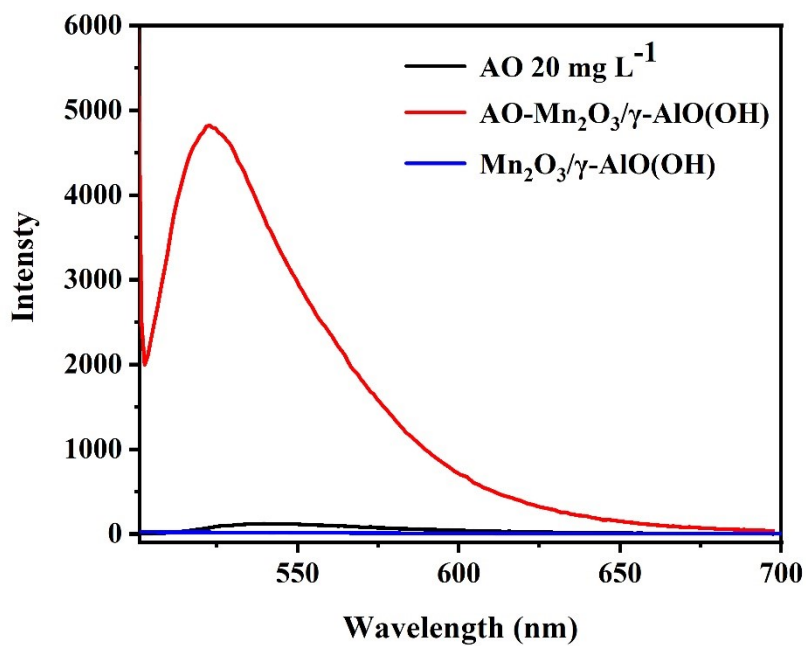


## Micromotor-assisted fluorescence detection of $\text{Hg}^{2+}$ by bio-inspired $\text{AO-Mn}_2\text{O}_3/\gamma\text{-AlO(OH)}$

### Supporting information



**Fig.S1** Fluorescence emission spectra of AO, AO-Mn<sub>2</sub>O<sub>3</sub>/γ-AlO(OH), and Mn<sub>2</sub>O<sub>3</sub>/γ-AlO(OH)