

High Selectivity Turn-ON Fluorescence Based Fluoride Ion Detection Using Histidine functionalized UiO-66-NH₂

Supporting information

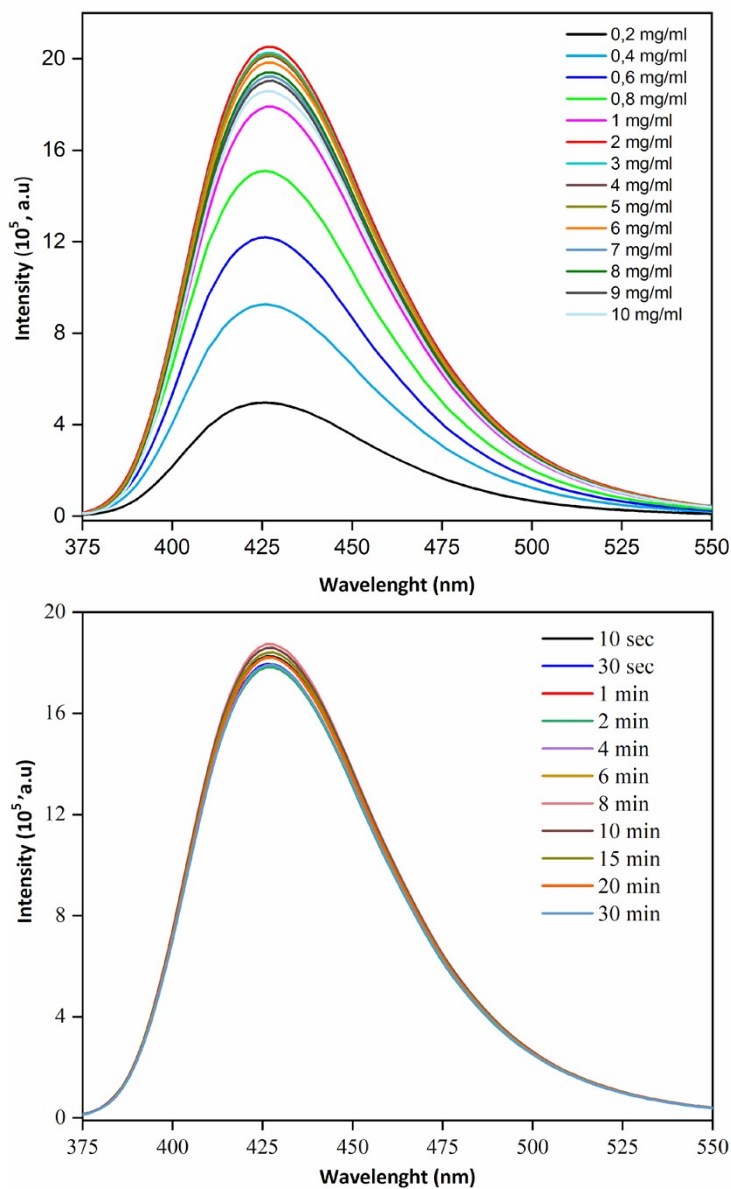


Figure S1. Optimization of concentration (a), and time detection of UiO-66-NH₂@Hst (AA) in the presence of fluoride ion (b).

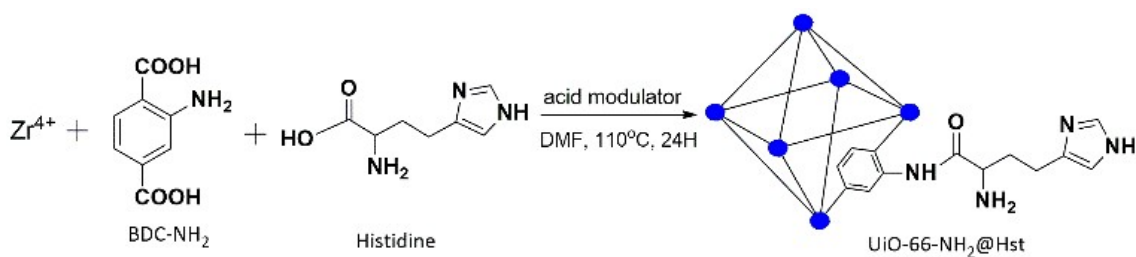


Figure S2. Synthesis schema of UiO-66-NH₂@Hst with different acid modulators

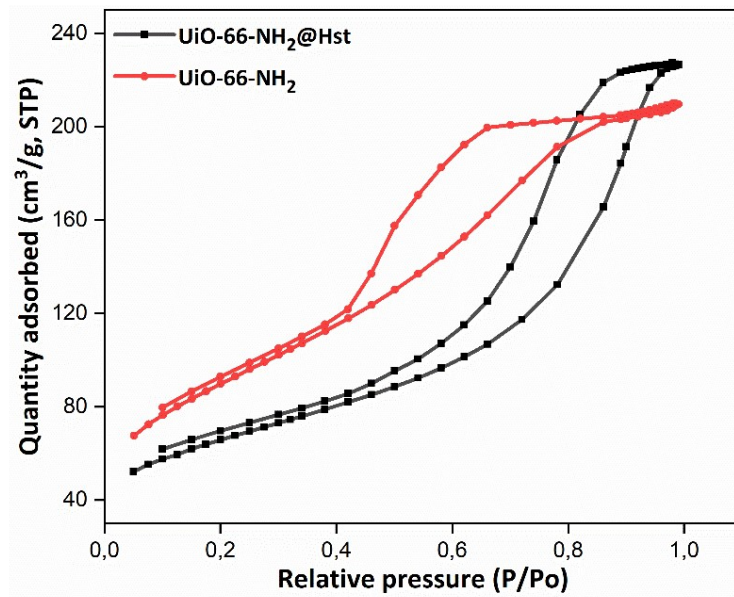


Figure S3. The N₂ adsorption-desorption isotherm of UiO-66-NH₂ and UiO-66-NH₂@Hst (AA)



Figure S4. Photoluminescent phenomena under UV light on various solvents