

Electronic Supporting Information for

The luminescence inner filter effect of Mn²⁺-doping (ZnS)₂·octylamine inorganic/organic hybrid thin films and its sensor application for environmental contaminants

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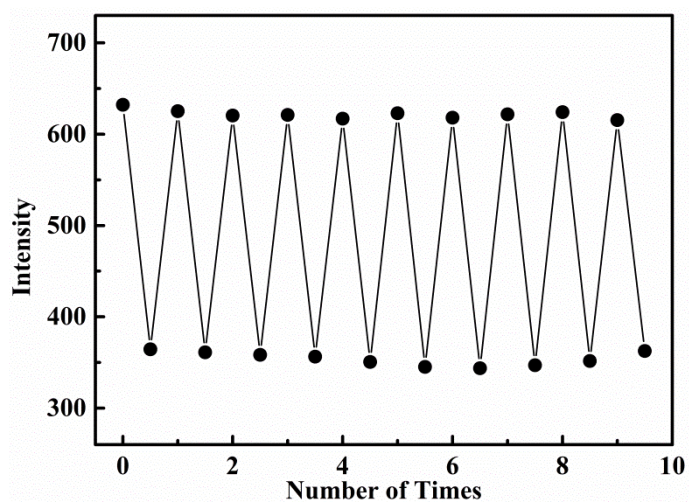


Figure S1 The cycle reversibility of the Mn²⁺ luminescence of the hybrid thin film responding to the BX aqueous solution (23.12μM, pH = 7)

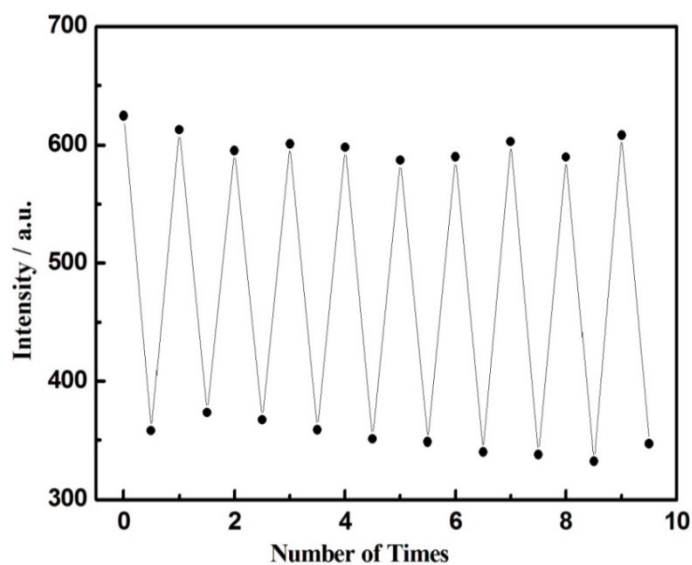


Figure S2 The cycle reversibility of the Mn²⁺ luminescence of the hybrid thin film responding to the RB5 aqueous solution (8.739μM, pH = 7)

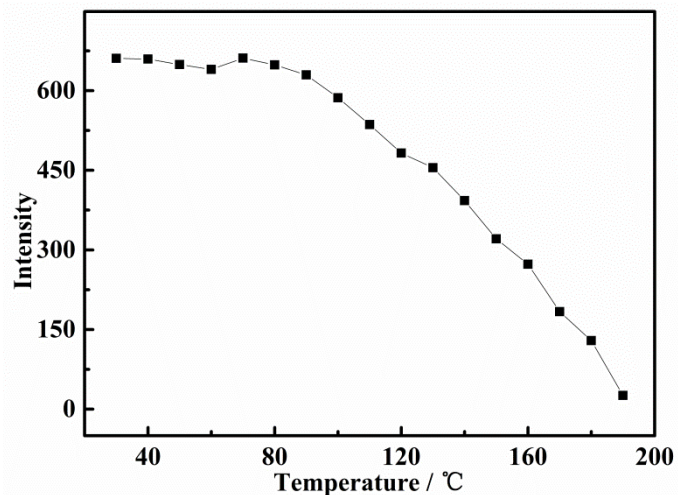


Figure S3 The Mn^{2+} luminescence intensity of the hybrid thin film vs. heat treating temperature plot.

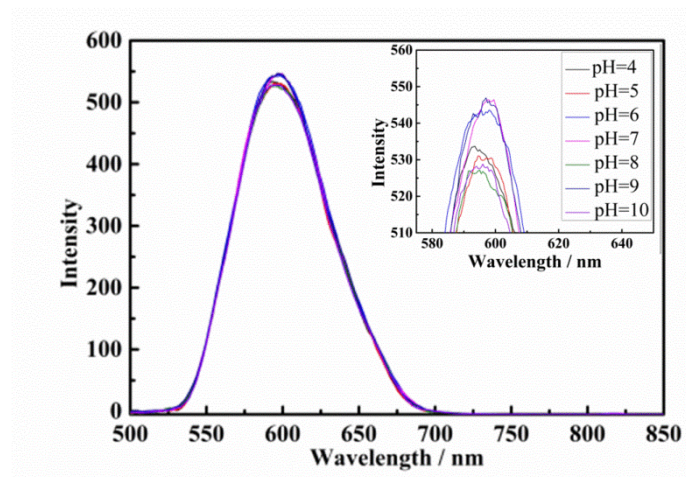


Figure S4 The luminescence spectra of the hybrid thin film dipping into the blank aqueous solution with pH = 4 to 10