

A highly selective regenerated optical sensor for detection of mercury (II) ion in water using organic–inorganic hybrid nanomaterials containing pyrene

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Electronic Supplementary Information

Fig. S1. The solid-state ²⁹Si MAS NMR spectrum of Py-Si.

Fig. S2. Normalized fluorescence response I/I_0 of Py-OH (1×10^{-5} M) in acetonitrile–water mixture (7 : 3 v/v) in the presence of various metal ions (1×10^{-3} M). $\lambda_{\text{ex}} = 350$ nm and $\lambda_{\text{em}} = 454$ nm.

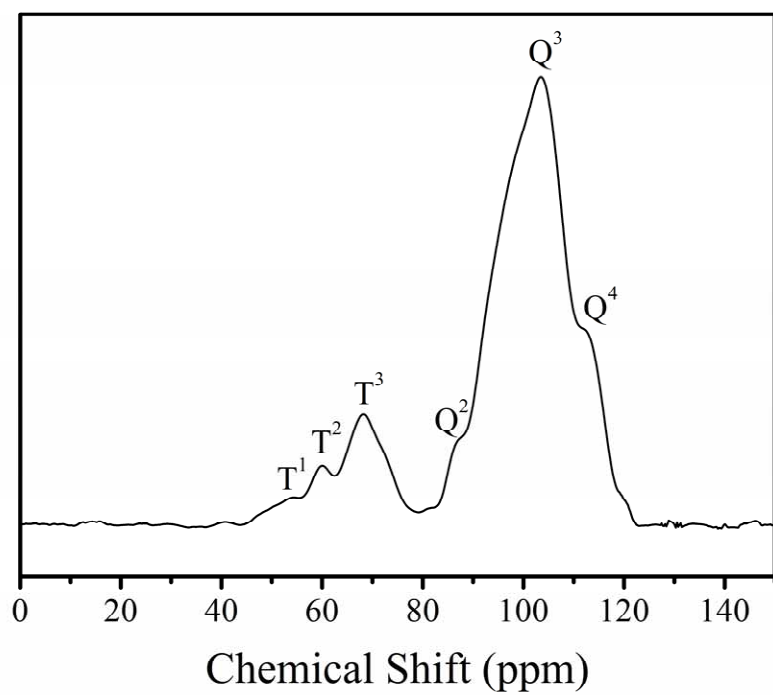


Fig. S1. The solid-state ^{29}Si MAS NMR spectrum of Py-Si.

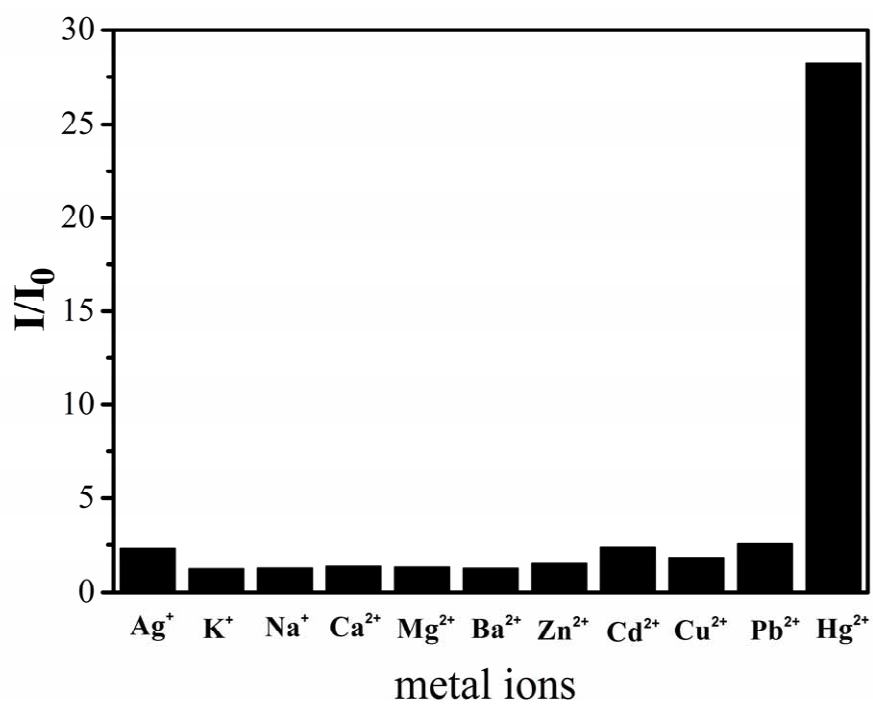


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