Supporting Information For

Tailored Janus Silica Nanosheets Integrating Bispecific Artificial Receptors for Simultaneous Adsorption of 2,6-Dichlorophenol and Pb(II)

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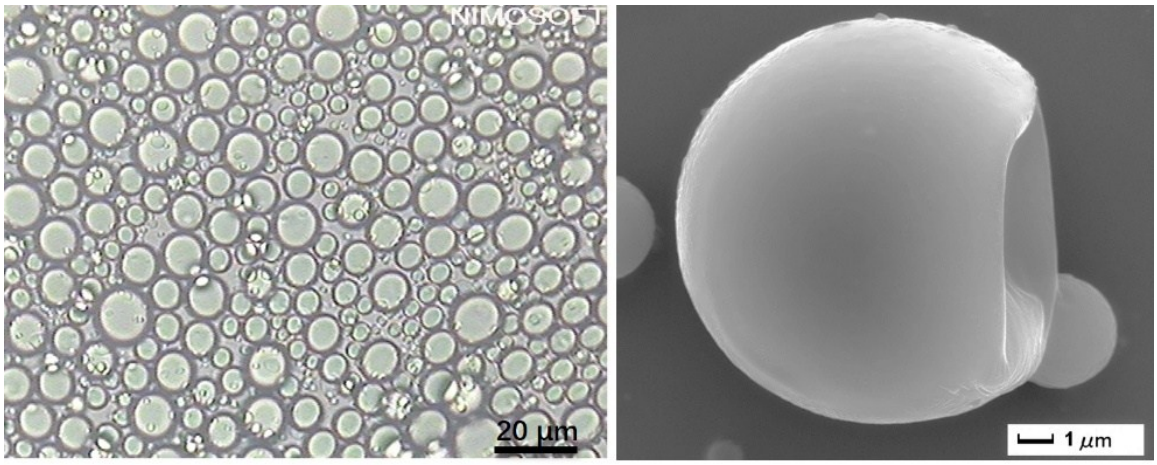
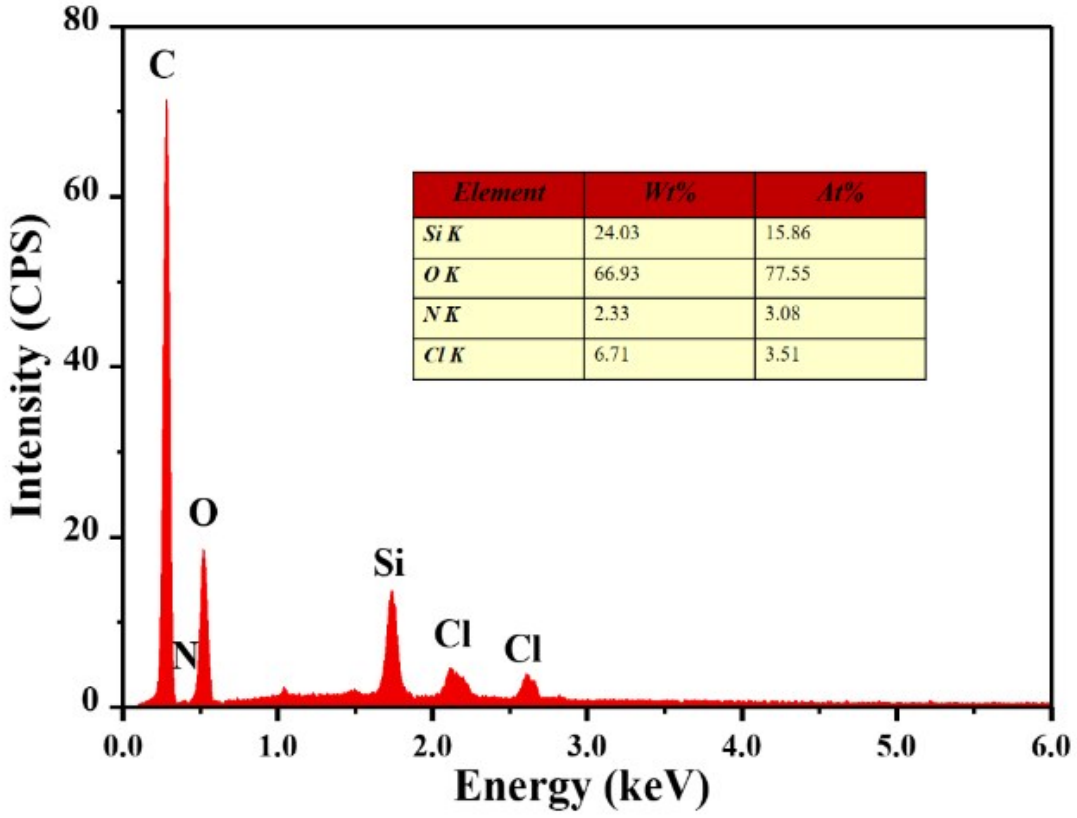


Fig. S1. The microscope image of prepared O/W emulsion and SEM image of Janus hollow spheres.



Element	Wt%	At%
Si K	24.03	15.86
O K	66.93	77.55
N K	2.33	3.08
Cl K	6.71	3.51

Fig. S2 EDS spectra of J-Cl/NH_2.

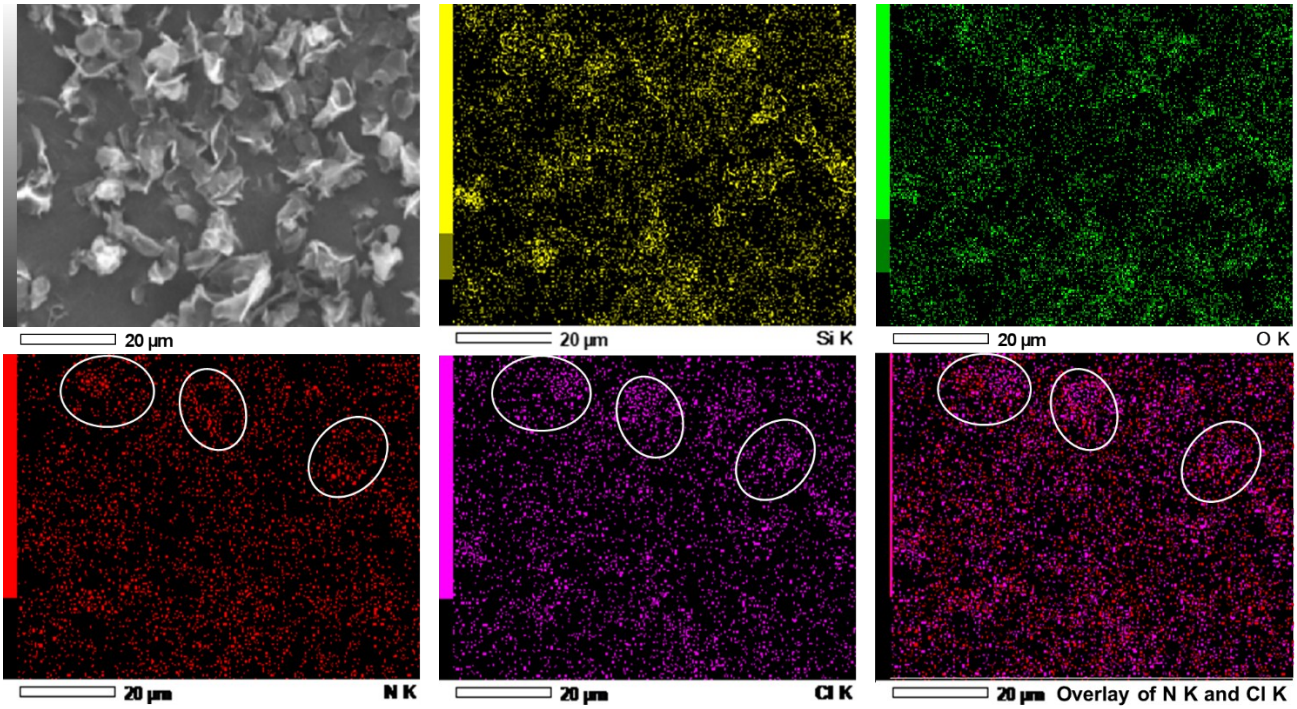


Fig. S3 SEM elemental distribution mapping images of J-Cl/NH_2.

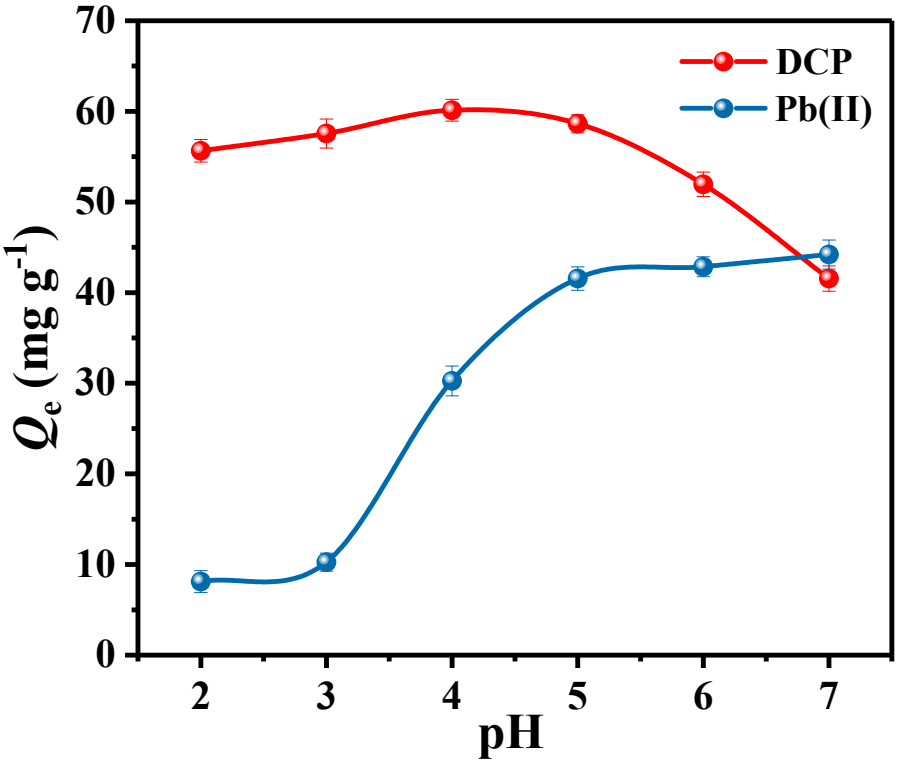


Fig. S4 Effects of pH on adsorption of DCP and Pb(II) in single adsorbate solution by J-MIPs/cys.

(DCP initial concentration = 150 mg L^{-1}, Pb(II) initial concentration = 100 mg L^{-1}, T = 298 K)

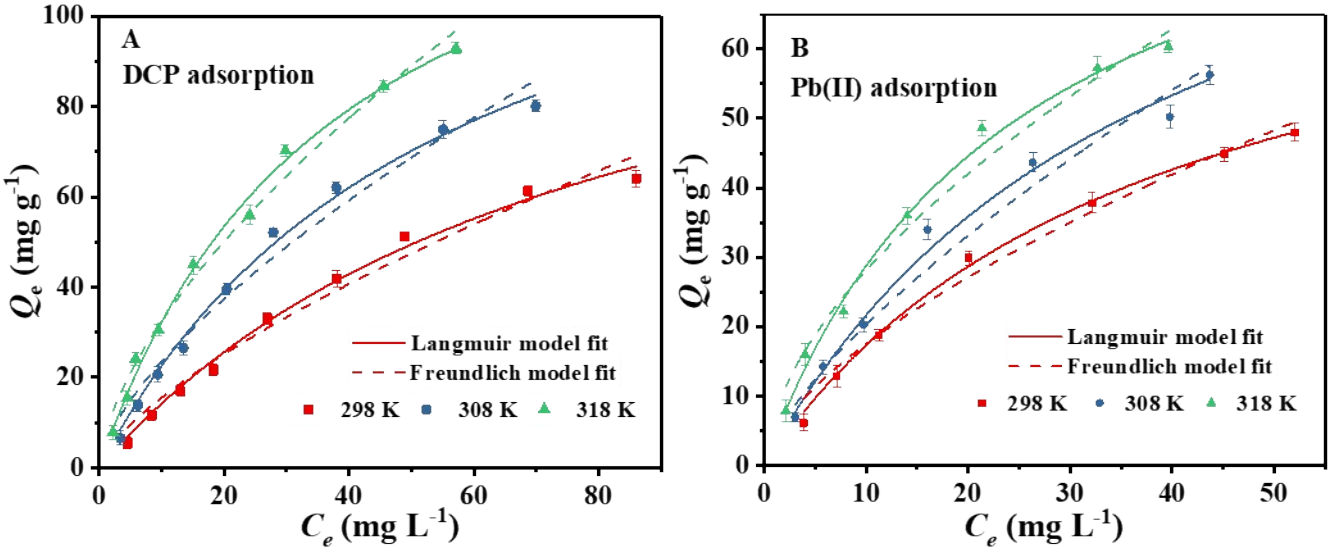


Fig. S5 Adsorption isotherms of DCP (A) and Pb(II) (B) on J-MIPs/cys at different temperature. (Initial concentration: 10 to 150 mg L^{-1} for DCP and 10 to 100 mg L^{-1} for Pb(II), pH = 5.0)

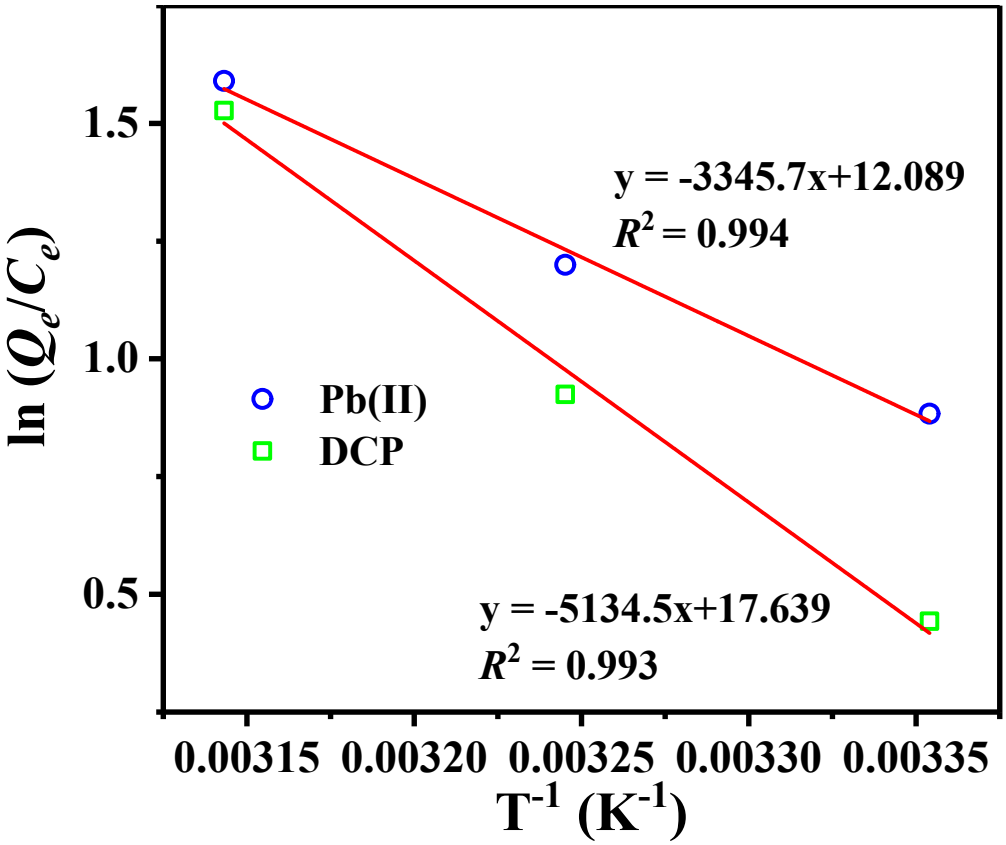


Fig. S6 Van't Hoff graph for DCP and Pb(II) adsorption onto J-MIPs/cys.

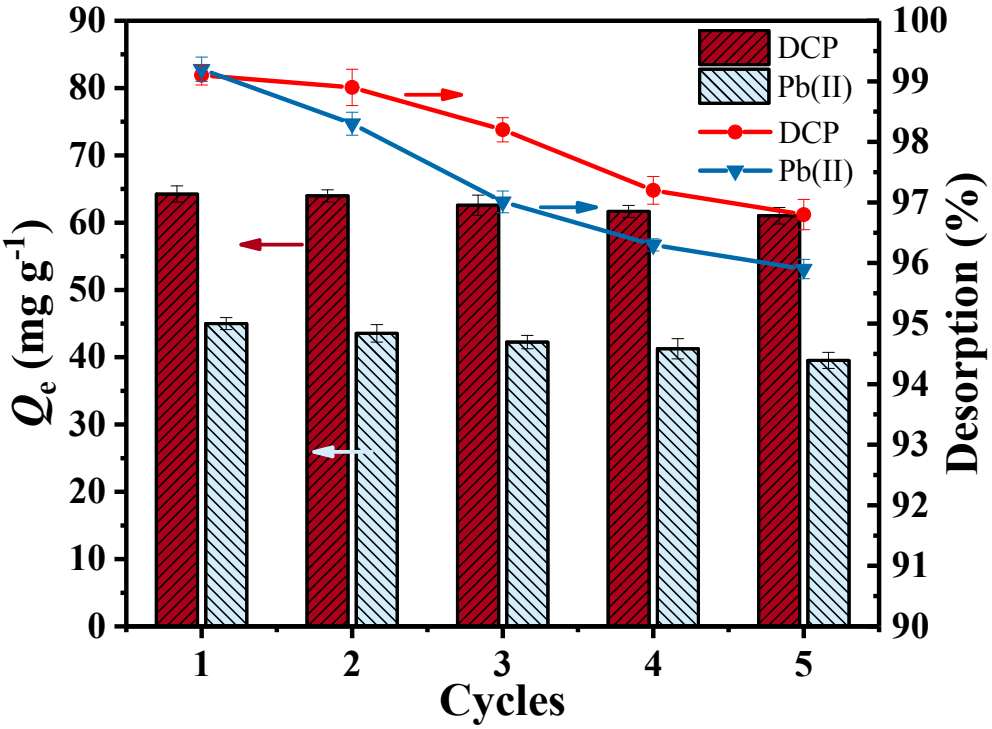


Fig. S7 Adsorption amounts (left) and desorption efficiency (right) of J-MIPs/cys for DCP and Pb(II) over 5 cycles.