

Electronic Supporting Information (ESI):

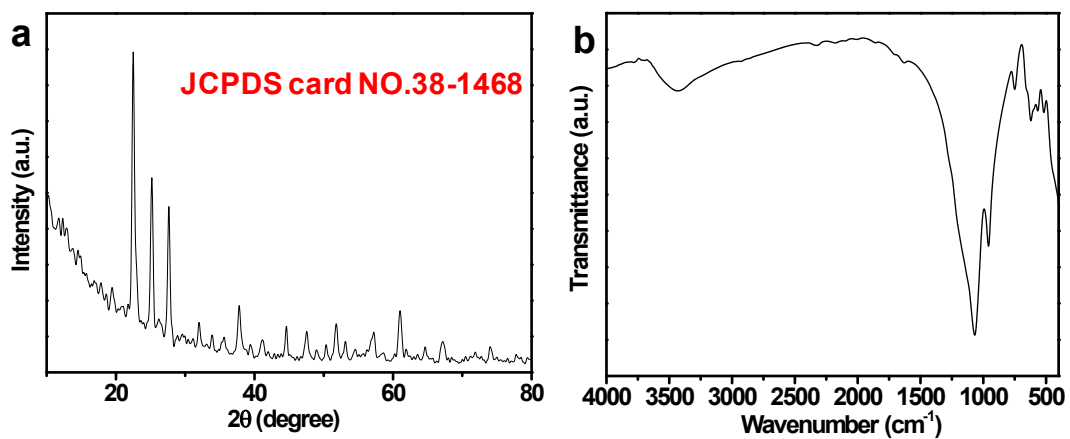


Fig. S1: (a) XRD and (b) FTIR spectra of the 700°C-treated sample (TiP₂O₇)

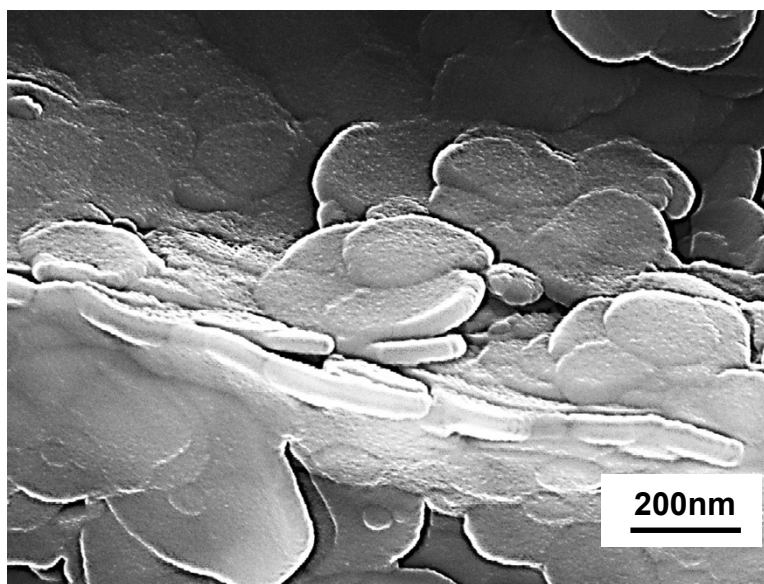


Fig.S2: FESEM image (magnified) of the sample

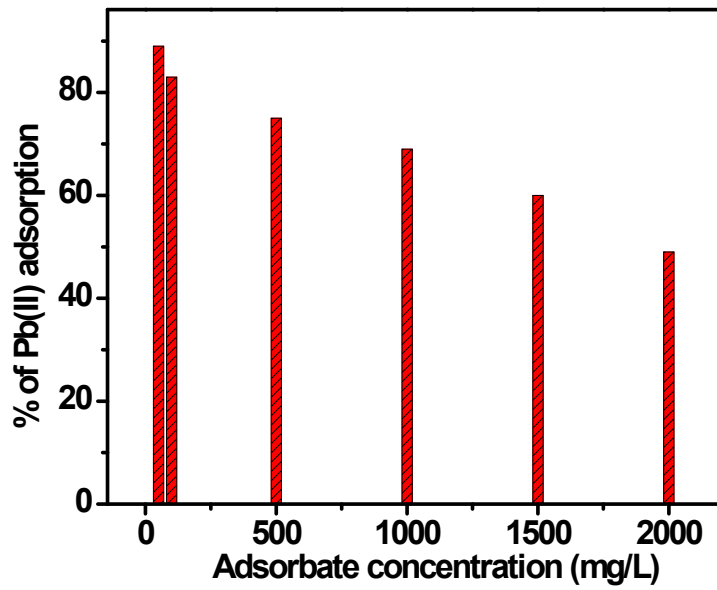


Fig. S3: % of Pb(II) adsorption with different adsorbate concentration in 5 mins.

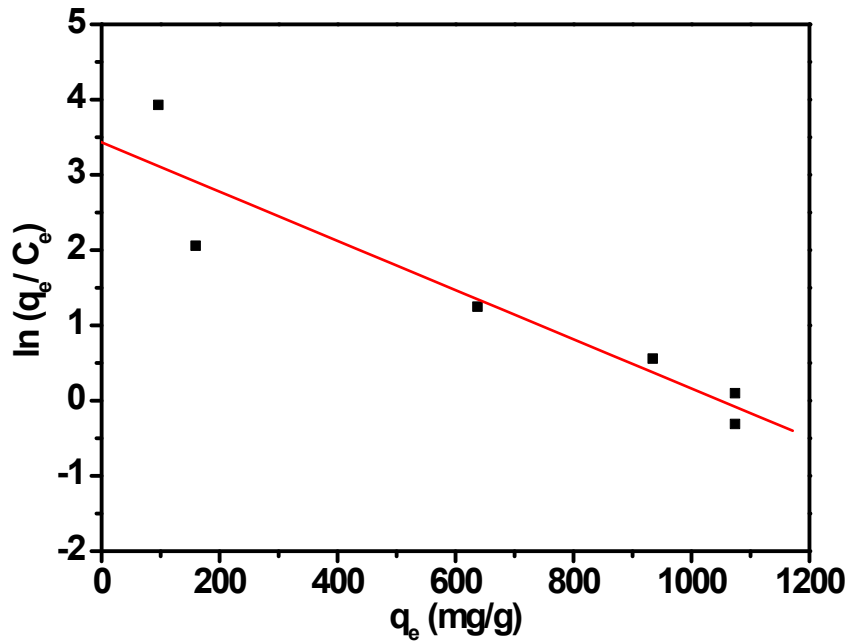


Fig. S4: The plot of $\ln(q_e/C_e)$ Vs. q_e of Pb(II) ion adsorption on the sample

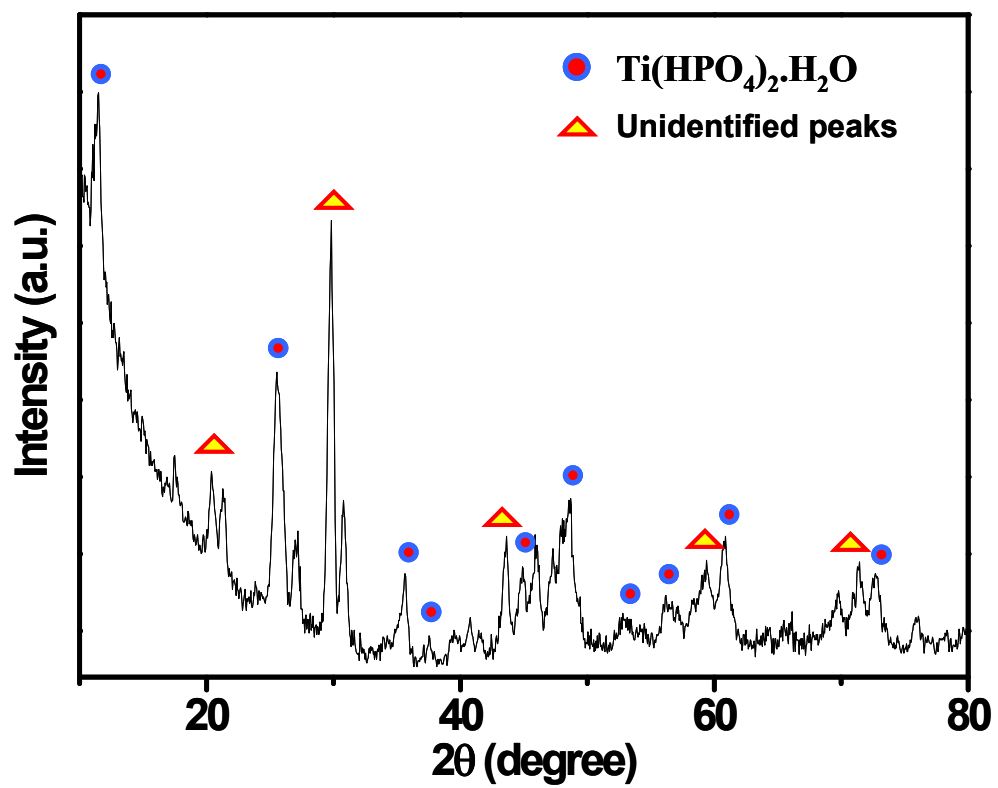


Fig. S5: The XRD plot of the sample after adsorption of Pb(II)