Electronic Supporting Information (ESI):

Fig. S1: (a) XRD and (b) FTIR spectra of the 700°C-treated sample (TiP$_2$O$_7$)

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 $\ln \left( \frac{q_e}{C_e} \right)$ Vs. $q_e$ of Pb(II) ion adsorption on the sample
Fig. S5: The XRD plot of the sample after adsorption of Pb(II)