Electronic Supplementary Information

Mesoporous carbonated hydroxyapatite/chitosan porous materials for removal of Pb(II) ions under flow conditions

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**Fig. S1.** Equilibrium adsorption amounts of Pb(II) ions on MHCMs at different cycle times. The original concentration of Pb(II) solutions is 400 mg/L, and the pH value is kept at 5.5.

**Fig. S2.** Cumulative adsorption amounts of Pb$^{2+}$ on MHCMs under lead solutions with different original concentrations of 200, 400 and 800 mg/L.
**Fig. S3.** Cumulative adsorption amounts of Pb\(^{2+}\) ions on MHCMs under the lead solutions with different pH values. The original concentration of lead solutions are 400 mg/L.