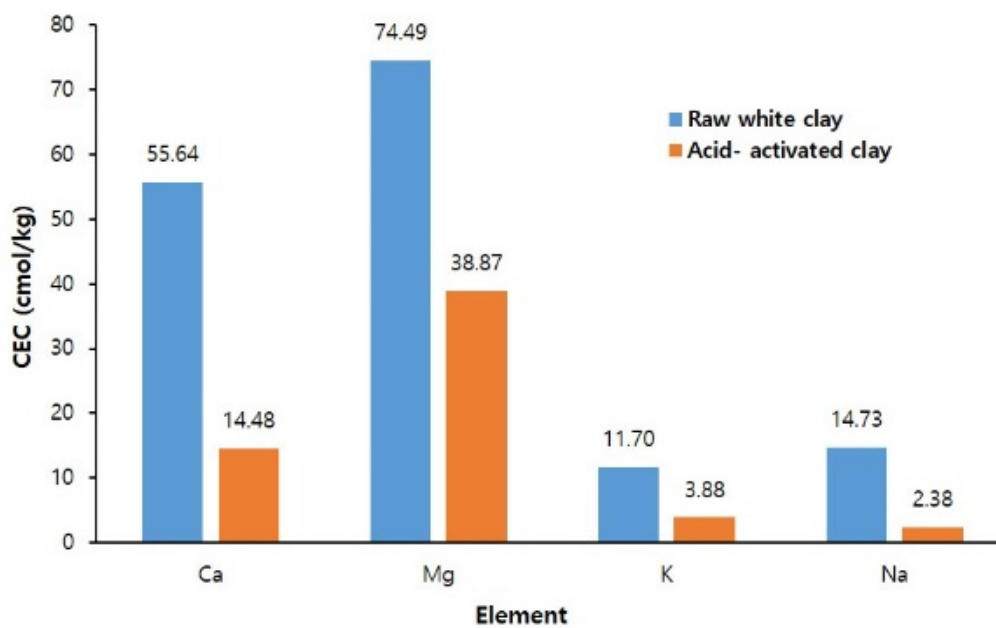
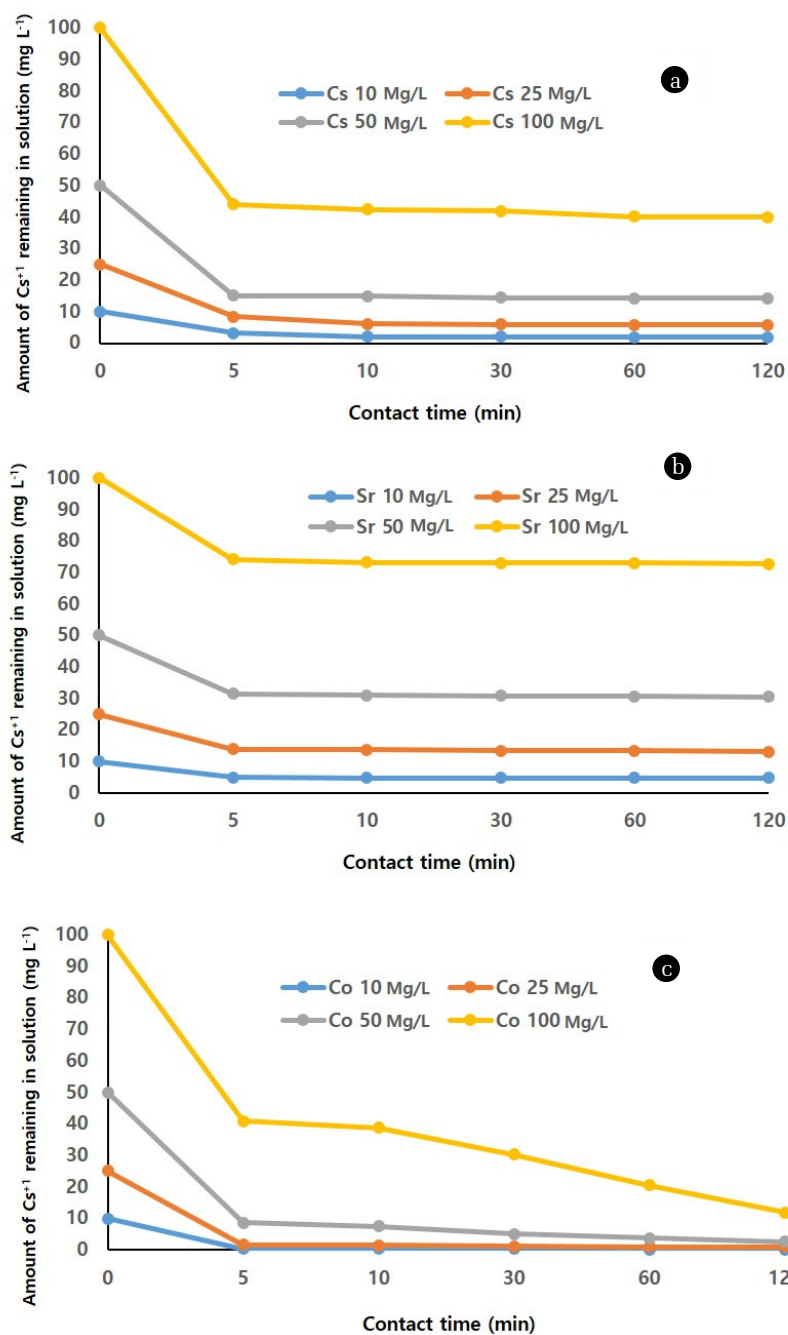




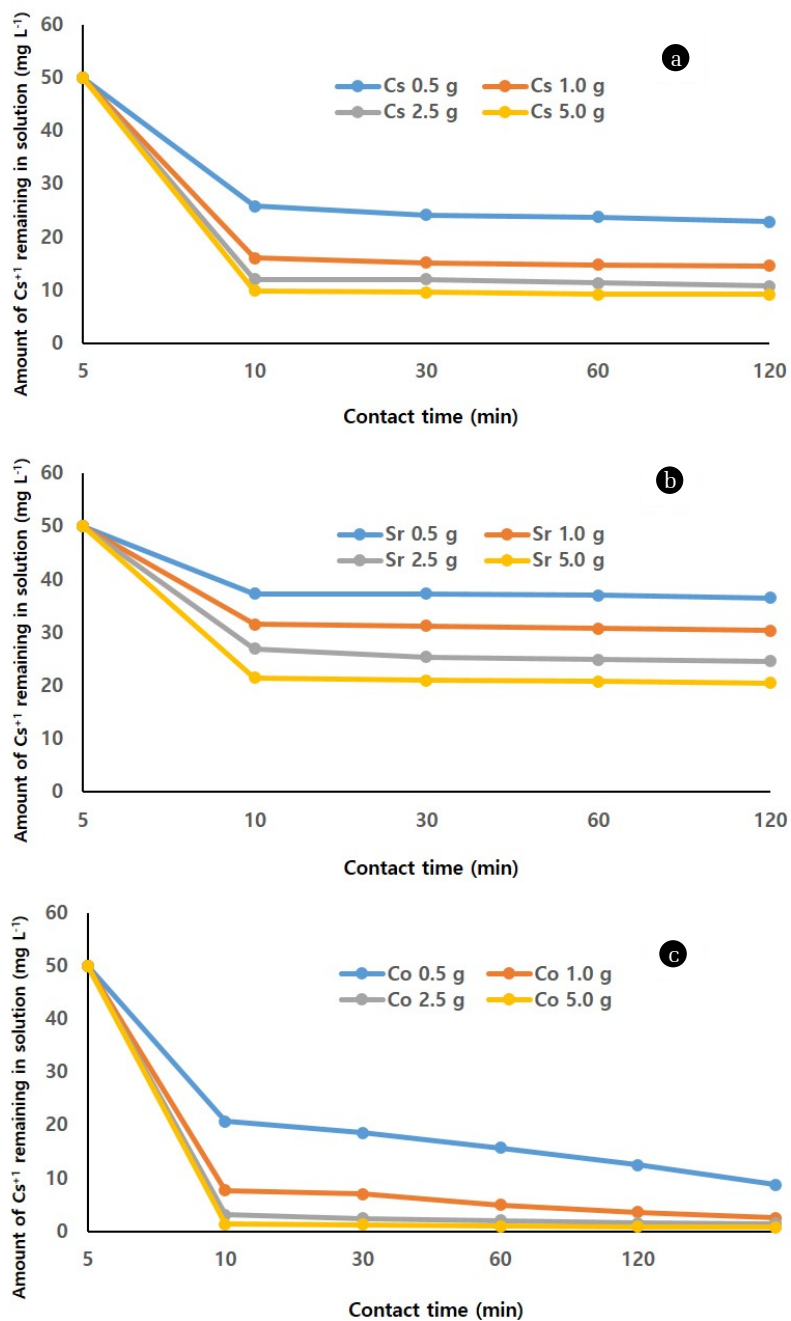
## Supplementary Materials



**Fig. S1.** Cation exchange capacity (CEC) by raw white clay and acid-activated clay.



**Fig. S2.** Effect of initial concentrations of (a) Cs<sup>+</sup> ; (b) Sr<sup>2+</sup> ; (c) Co<sup>2+</sup> on acid-activated clay (experimental condition: initial concentration 10-100 mg/L, dosage 1.0 g).



**Fig. S3.** Effect of the dosage of acid-activated clay for (a) Cs<sup>+</sup> ; (b) Sr<sup>2+</sup> ; (c) Co<sup>2+</sup> (experimental condition: initial concentration 50 mg/L, dosage 0.5 - 5.0 g).

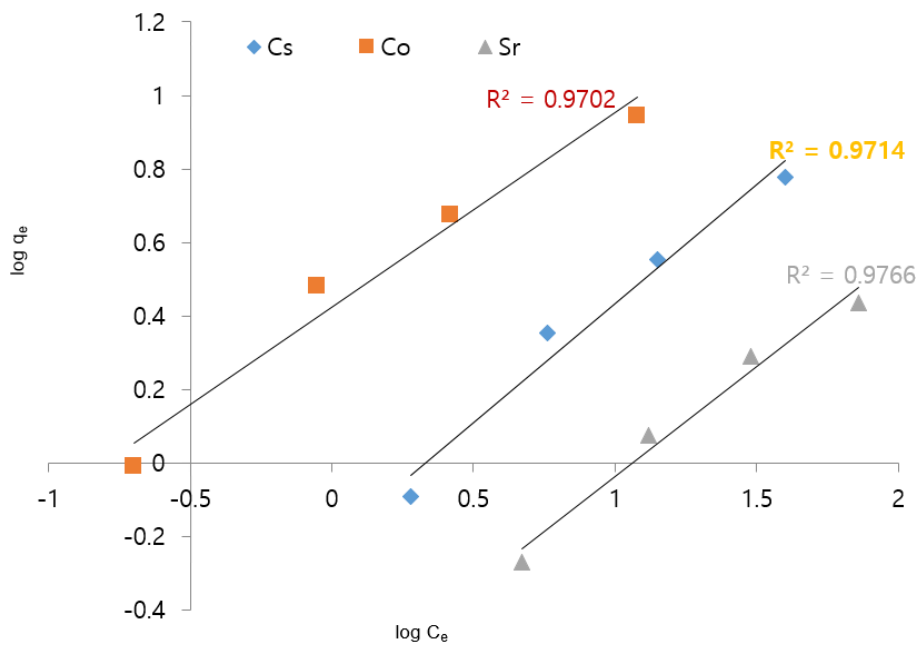


Fig. S4. Freundlich isotherms of Cs<sup>+</sup>, Sr<sup>2+</sup> and Co<sup>2+</sup> ions on acid-activated clay.

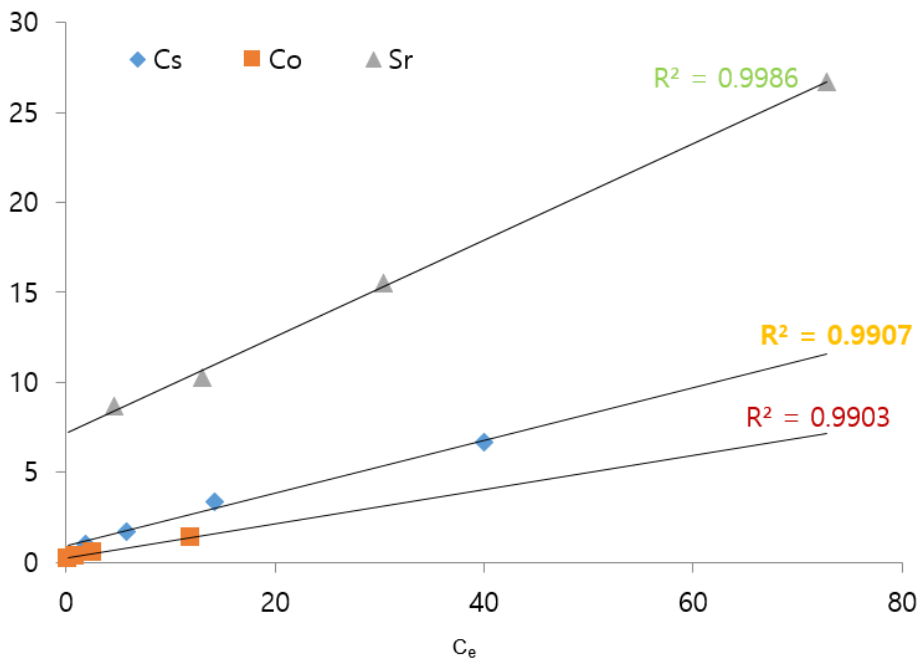


Fig. S5. Langmuir isotherms of Cs<sup>+</sup>, Sr<sup>2+</sup> and Co<sup>2+</sup> ions on acid-activated clay.

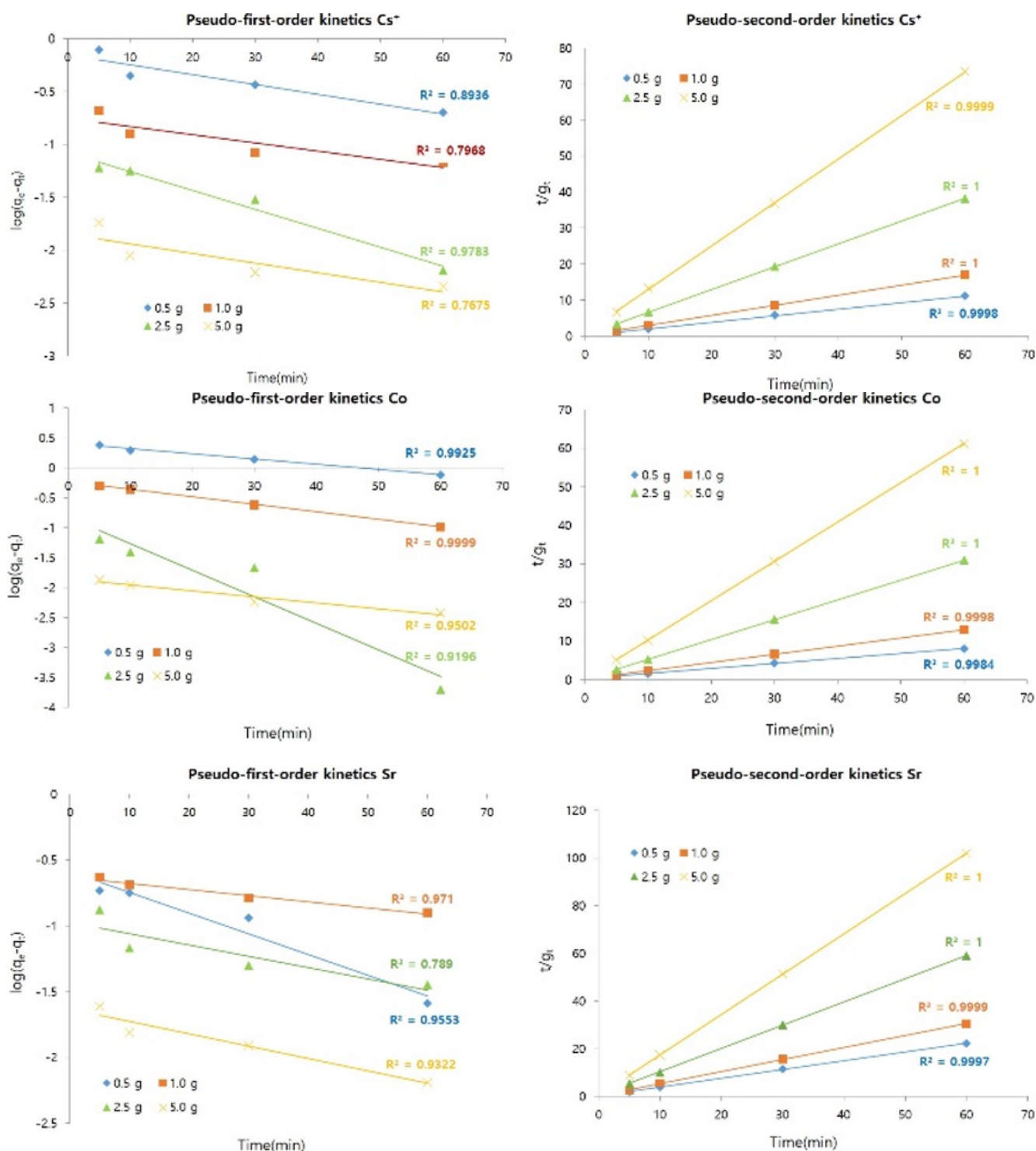


Fig. S6. Pseudo-first-order and pseudo-second-order plots for adsorption of Cs<sup>+</sup>, Sr<sup>2+</sup> and Co<sup>2+</sup> ions on acid-activated clay.