materials

MDPI

Supplementary Material

Modified Biopolymer Adsorbents for Column Treatment of Sulfate Species in Saline Aquifers

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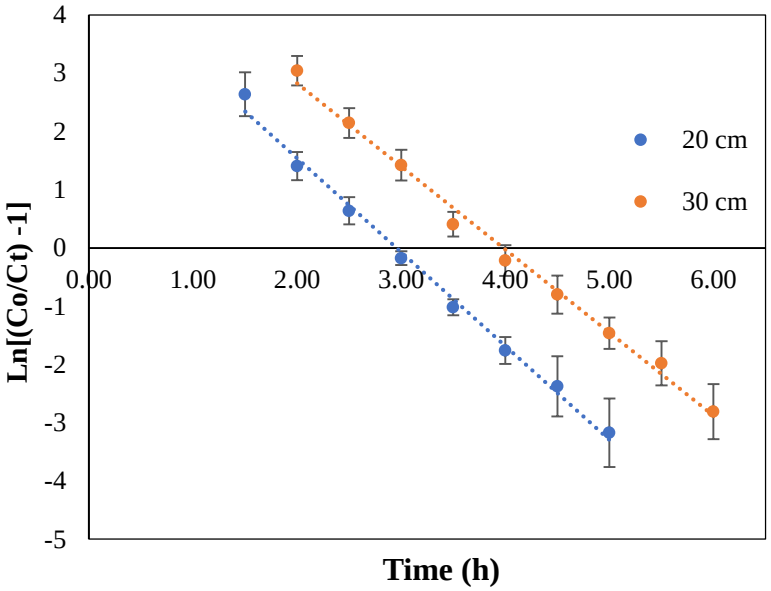

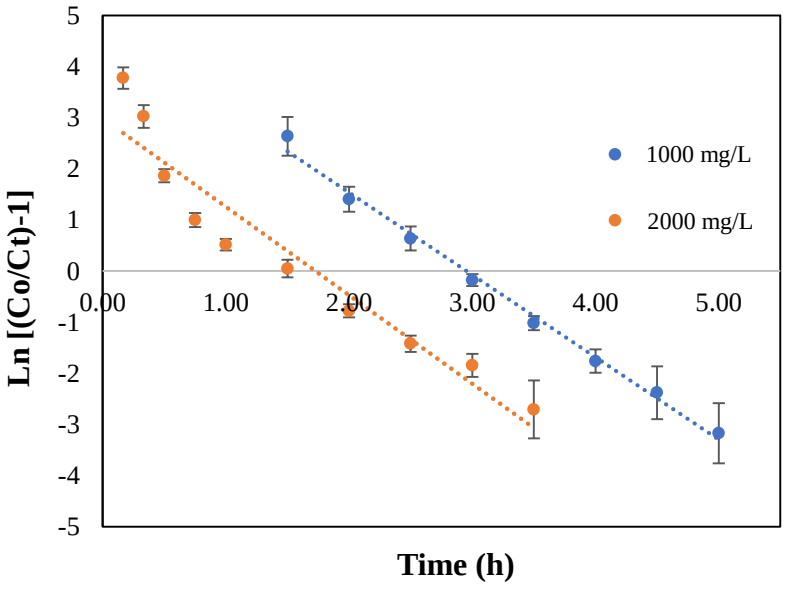

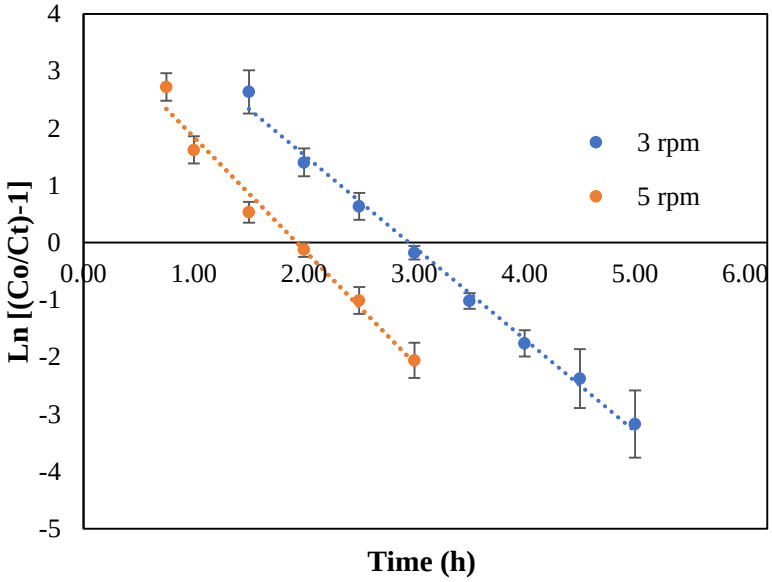

Figure S1. (**a**) bed depth, (**b**) influent concentration, and (**c**) flow rate. Linear plots of Thomas model at different initial sulphate concentration (pH = 4.5, temperature 25 ± 2 °C, bed height 20 cm, flow rate 3 mL/min).

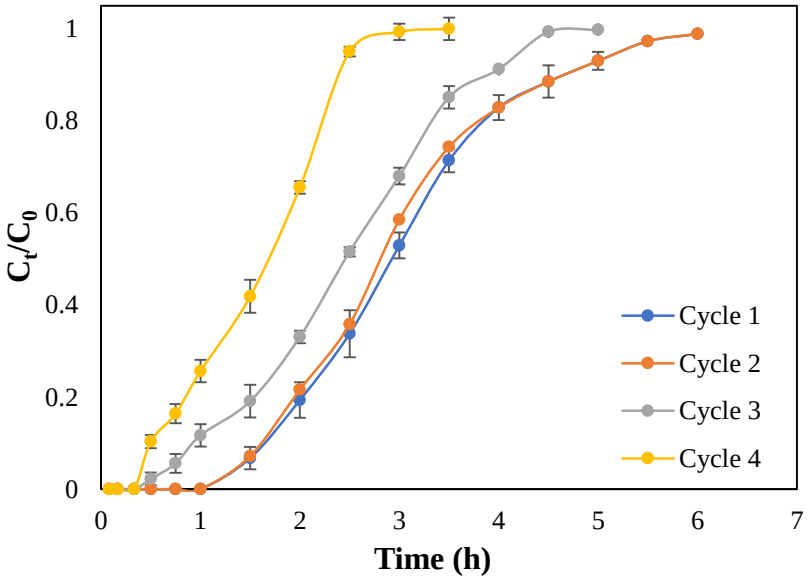

Figure S2. Breakthrough curves of sulphate adsorption by Ca-CP for cycle 1 to cycle 4 (pH 4.5, bed height of 20 cm, flow rate of 3 mL/min, initial sulphate concentration of 1000 mg/L).