

Supplementary Material

Polyion Hydrogels of Polymeric and Nanofibrous Carboxymethyl Cellulose and Chitosan: Mechanical Characteristics and Potential Use in Environmental Remediation

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1. FTIR spectra of CMCNF-CS90 and CMC-CS90 hydrogels.

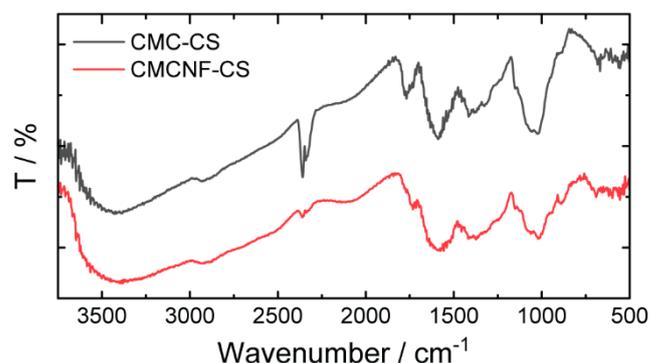
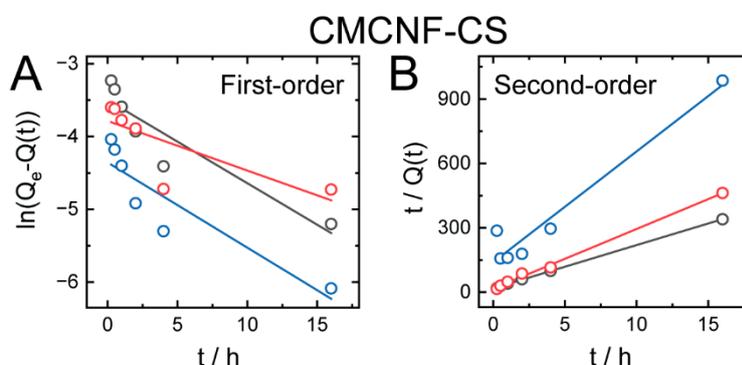


Figure S1. FTIR spectra of freeze-dried CMCNF-CS90 and CMC-CS90 hydrogels.

2. Adsorption kinetics fitting



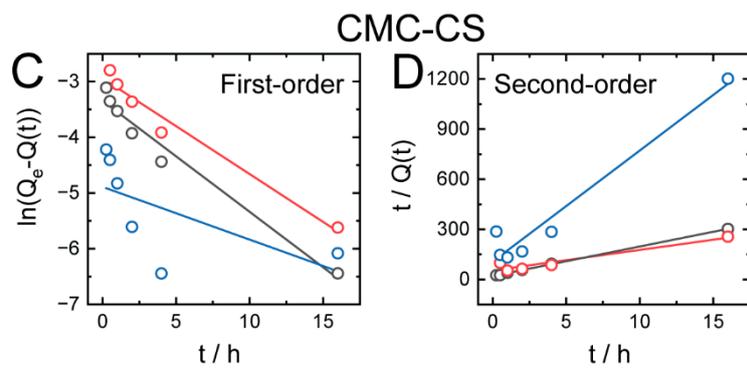


Figure S2. Results of linear fitting of Cu^{2+} , Cd^{2+} , and Hg^{2+} adsorption by CMCNF-CS90 and CMCNF-CS90 hydrogels using pseudo-first (A, C) and pseudo-second (B, D) kinetic models.