Sustainable Chloride Removal from Conservation Electrolytes Using Alkali-Activated Carbon Nanofiber-Supported BiOCl in Capacitive Deionization

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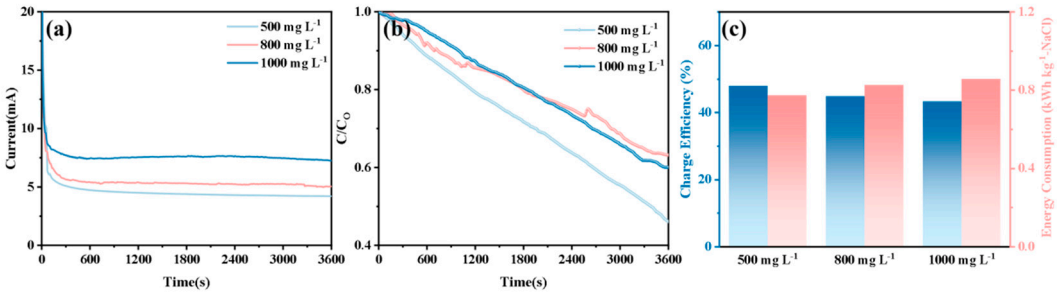


Figure S1 Effect of influent NaCl concentration on the FCDI desalination performance of CNFs@BiOCl-5. (a) Current response profiles of the FCDI system at different influent NaCl concentrations. (b) Time-dependent variation of NaCl concentration in the desalination chamber. (c) Specific energy consumption at different influent NaCl concentrations.

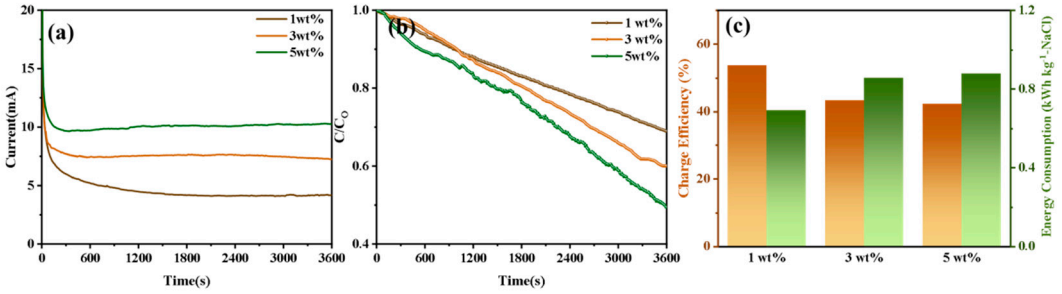


Figure S2 Effect of electrode loading on the FCDI desalination performance of CNFs@BiOCl-5. (a) Current response profiles of the FCDI system at different electrode loading. (b) Time-dependent variation of electrode loading in the desalination chamber. (c) Specific energy consumption at different electrode loading.

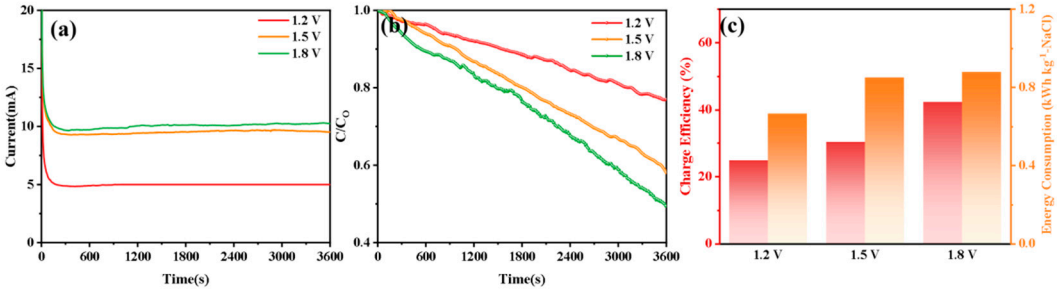


Figure S3 Effect of voltage on the FCDI desalination performance of CNFs@BiOCl-5. (a) Current response profiles of the FCDI system at different voltage. (b) Time-dependent variation of voltage in the desalination chamber. (c) Specific energy consumption at different voltage.

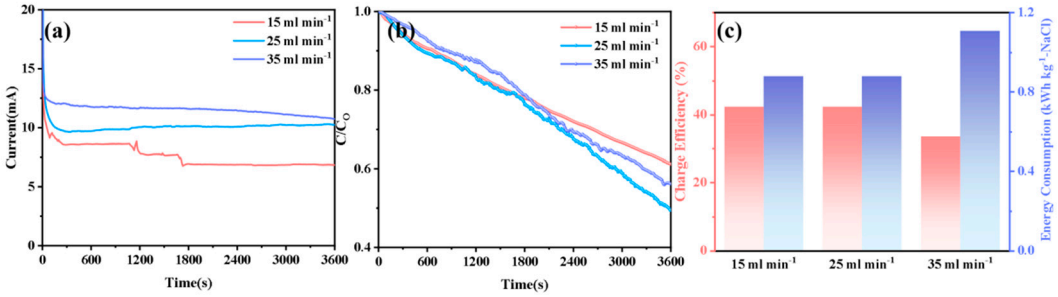


Figure S4 Effect of slurry flow rate on the FCDI desalination performance of CNFs@BiOCl-5. (a) Current response profiles of the FCDI system at different slurry flow rate. (b) Time-dependent variation of slurry flow rate in the desalination chamber. (c) Specific energy consumption at different slurry flow rate.