Electronic Supplementary Information

Nitrogen doped graphene quantum dots-decorated earth-abundant nanotubes for enhanced capacitive deionization

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Figure S1. The thermogravimetric analysis (TGA) of APTES-coated HNTs and N-GQDs@HNT.
Figure S2. The comparison of cyclic voltammetric curves of as-received HNT and N-GQD@HNTs at a scan rate of 100 mV S$^{-1}$. 
Figure S3. Specific electrosorption capacity (SEC) of N-GQDs@HNT at various initial NaCl concentrations.
Figure S4. Charge efficiency of N-GQDs@HNT electrodes as a function of NaCl concentration.
Figure S5. Regeneration performance of the N-GQDs@HNT electrode in batch mode using 500 mg L\(^{-1}\) NaCl solution at 1.2 V with a flow rate of 20 mL min\(^{-1}\).