

## *Supporting Information*

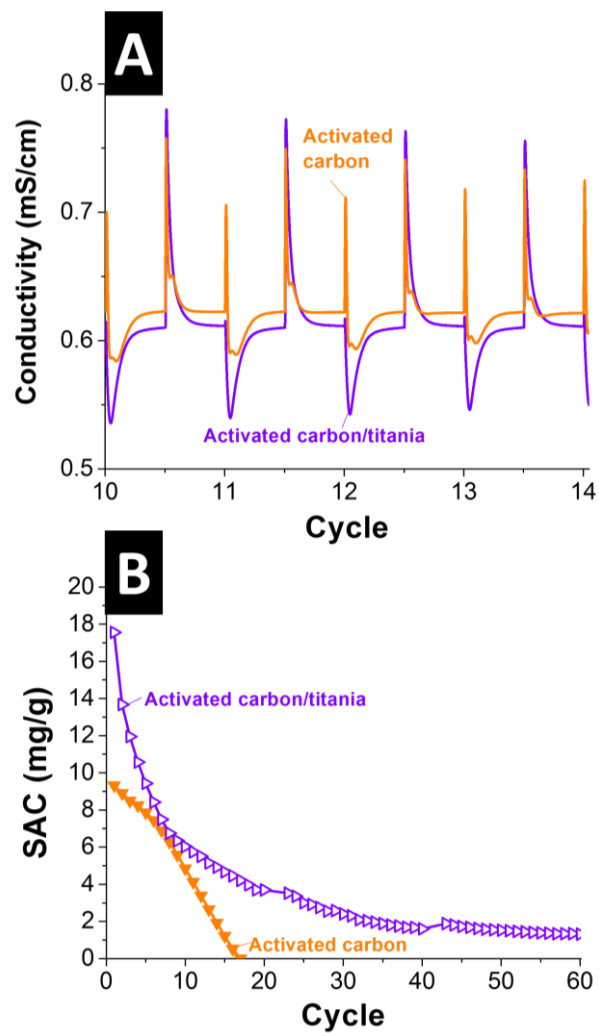
### **High performance stability of titania decorated carbon for desalination with capacitive deionization in oxygenated water**

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**Figure S1** CDI performance of activated carbon and activated carbon/titania in saturated oxygen 5 mM NaCl. (A) Conductivity profile versus cycle number 10<sup>th</sup> to 14<sup>th</sup>, and (B) salt adsorption capacity (SAC) versus cycle number.