



Fig. S20 High-resolution (a) Ti 2p and (b) C 1s XPS spectra of Ti₃C₂T_x-CTAB and Ti₃C₂T_x-CTAB-Br₂. (c) CV curves of TiCGC and TiCBGC in 2 M ZnBr₂ + 3 M KCl + 0.4 M MEPBr at the scan rate of 10 mV s⁻¹.