

Supporting information

Facile synthesis of highly porous N-doped CNTs/Fe₃C and its electrochemical properties

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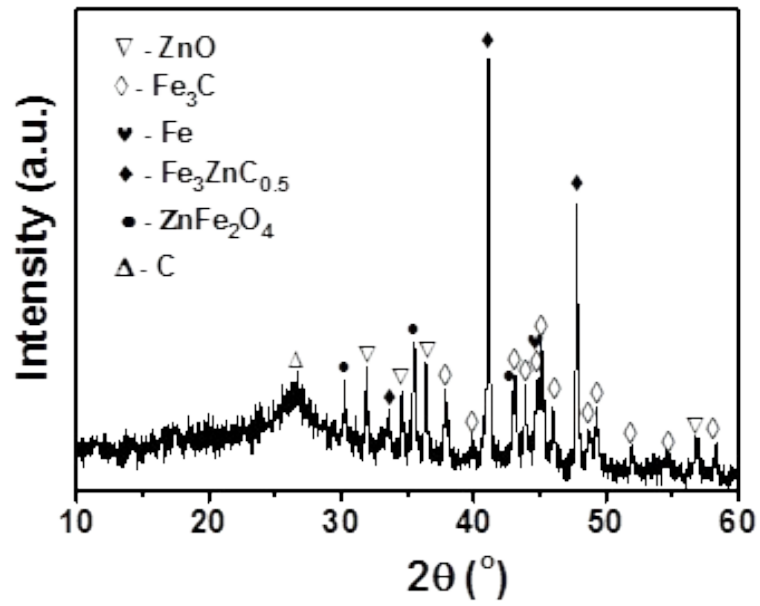


Fig.s1 XRD pattern of CNT/Fe₃C-6 without HCl treatment

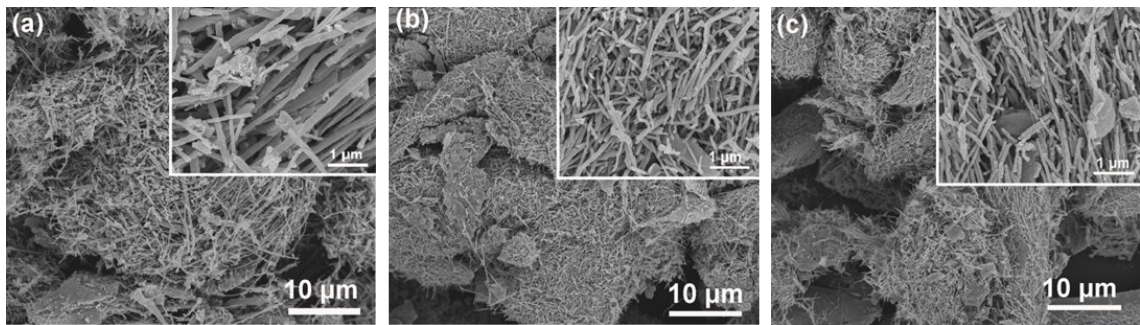


Fig.s2 SEM images of (a) CNT/Fe₃C-2, (b) CNT/Fe₃C-4, (c) CNT/Fe₃C-6

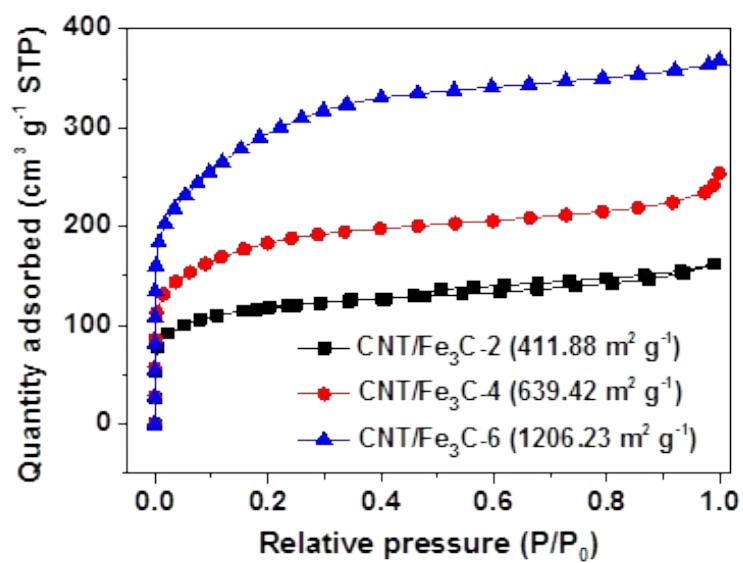


Fig. s3. Nitrogen adsorption–desorption isotherms and specific surface area of N-doped CNTs/Fe₃C

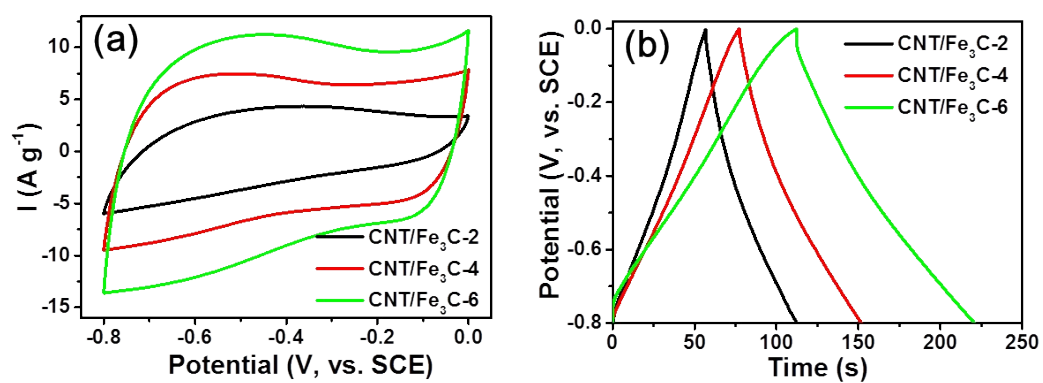


Fig.S4 (a) CV curves at 100 mV s⁻¹, and (b) GCP curves of N-doped CNTs/Fe₃C at a current density of 1A g⁻¹