

Supporting Information

Electrochemical Deposited Graphene@Mn₃O₄ Composite Film for Supercapacitor

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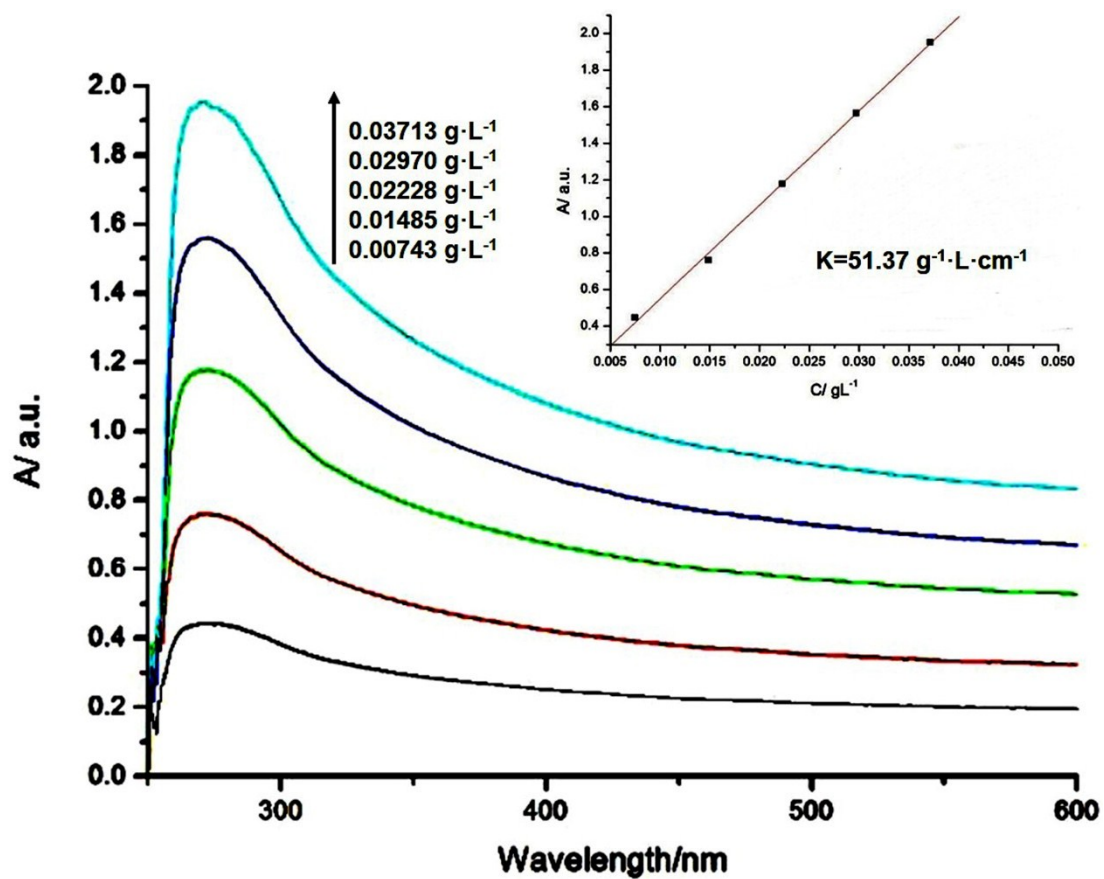


Fig.S1 UV-vis absorption spectra of the graphene dispersion after centrifugation. Inset: the standard curve of concentration-absorbance.

The dispersion follows the Beer-Lambert law with an average absorption

$$\text{constant: } K= 51.37 \text{ g}^{-1} \cdot \text{L} \cdot \text{cm}^{-1}$$

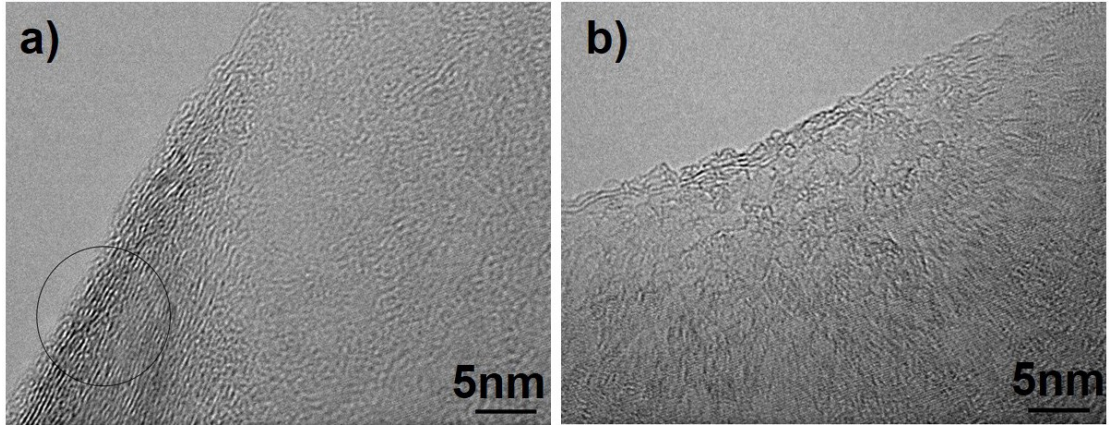


Fig.S2 HRTEM images of graphene

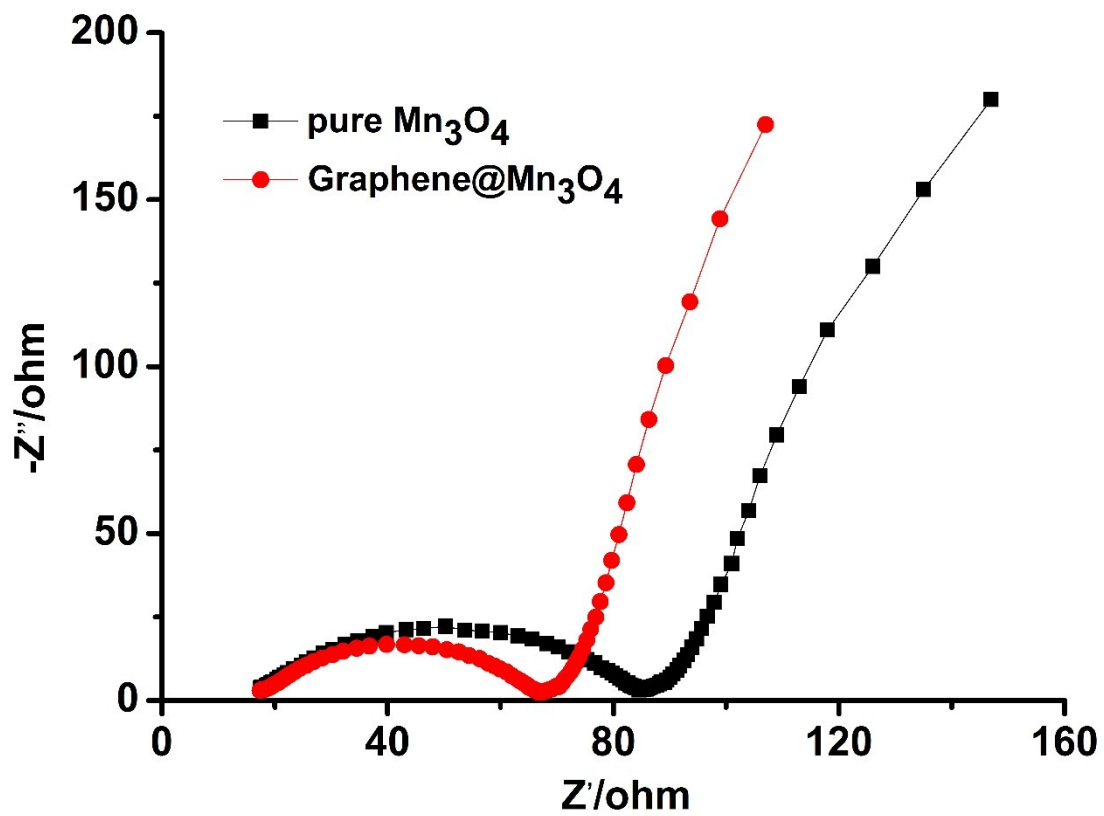


Fig.S3 Nyquist plots of Mn₃O₄ electrode and Graphene@Mn₃O₄ electrode