

Electronic Supporting Information

Functionalized carbonaceous fibers for high performance flexible all-solid-state asymmetric supercapacitors

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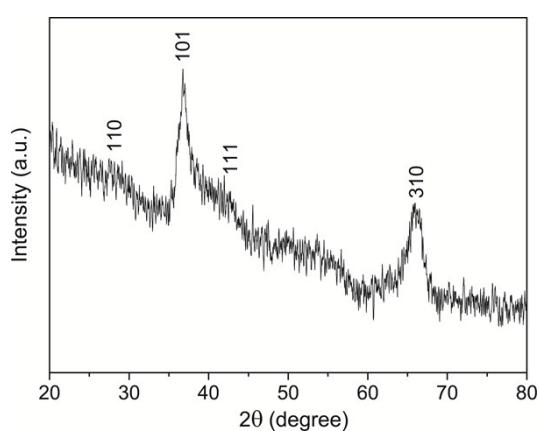


Fig. S1 XRD pattern of CF@RGO@MnO₂.

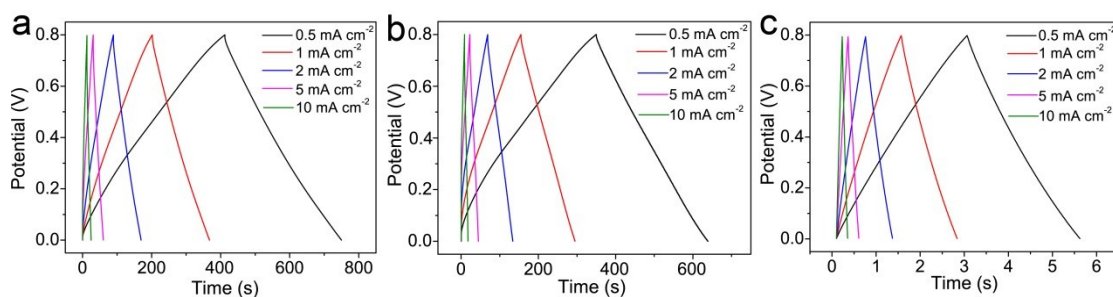


Fig. S2 Galvanostatic charge/discharge curves of (a) CF@RGO@MnO₂, (b) CF@MnO₂ and (c) CF@RGO electrodes at different current densities.

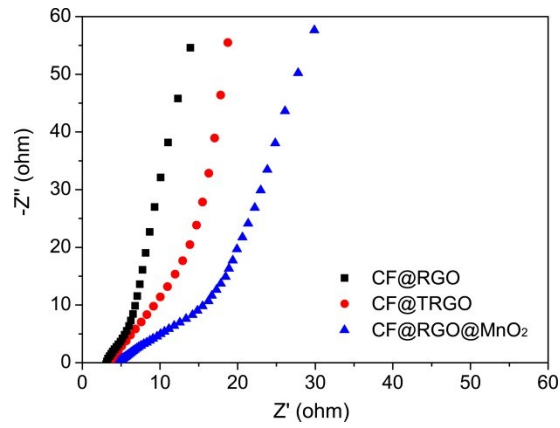


Fig. S3 Nyquist plots of CF@RGO, CF@TRGO and CF@RGO@MnO₂.

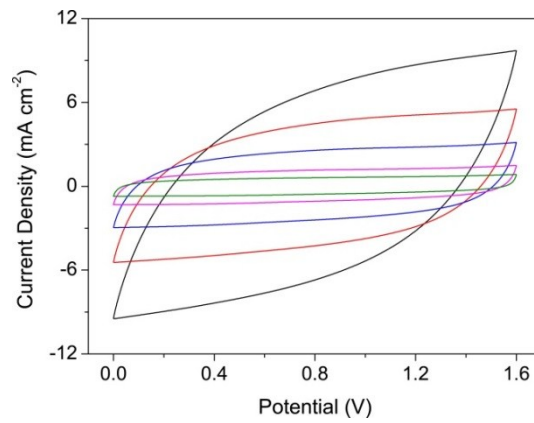


Fig. S4 The CV curves of the asymmetric supercapacitor at different scan rates (10, 20, 50, 100 and 200 mV s⁻¹).

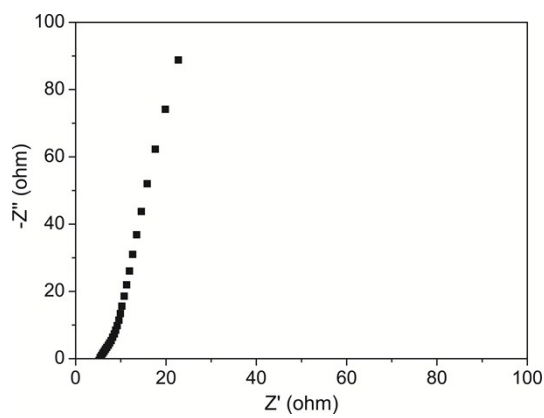


Fig. S5 Nyquist plots of the fabricated asymmetric supercapacitor.