

Supporting Information

Functional mesoporous carbon coated CNTs network for high performance supercapacitors

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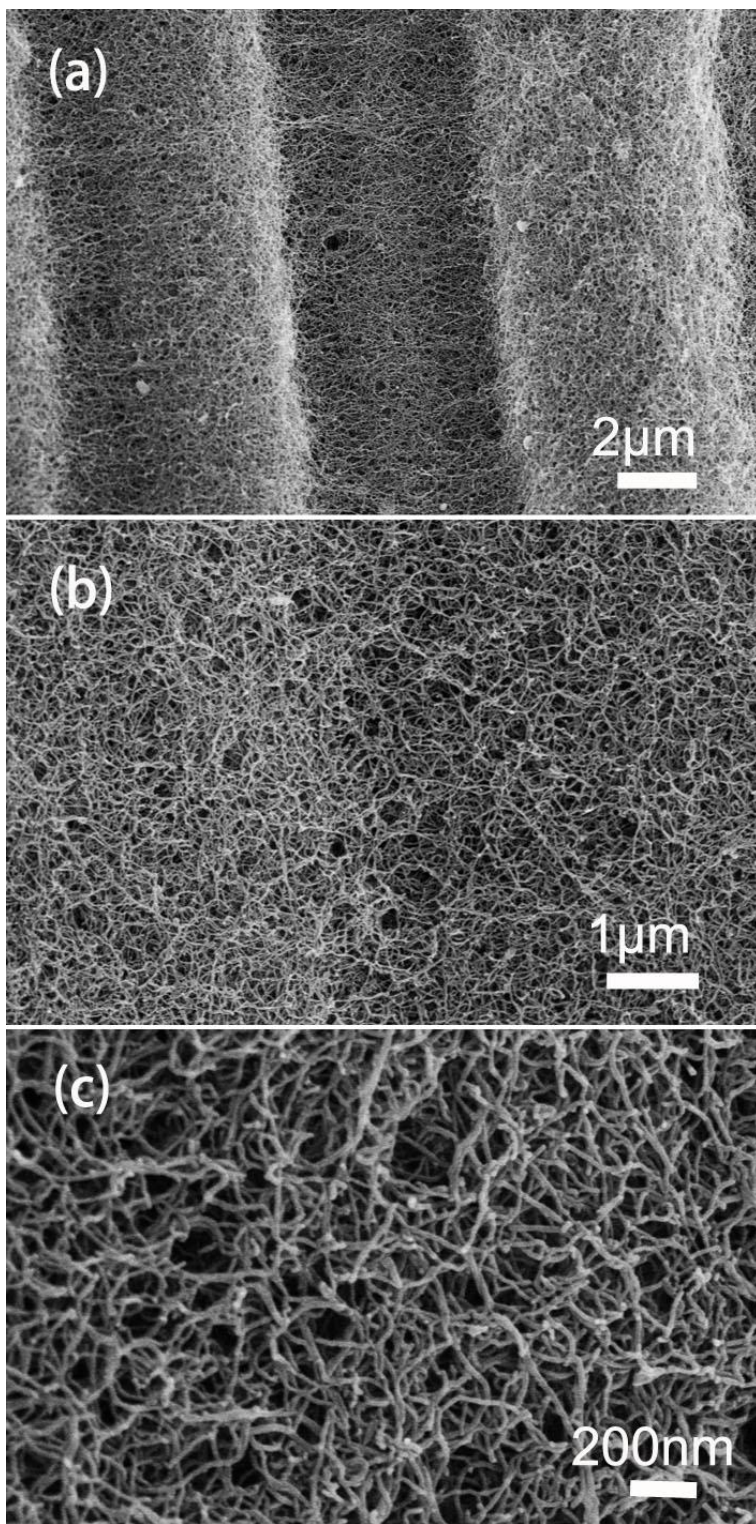


Fig. S1 SEM images of CNT/AC networks.

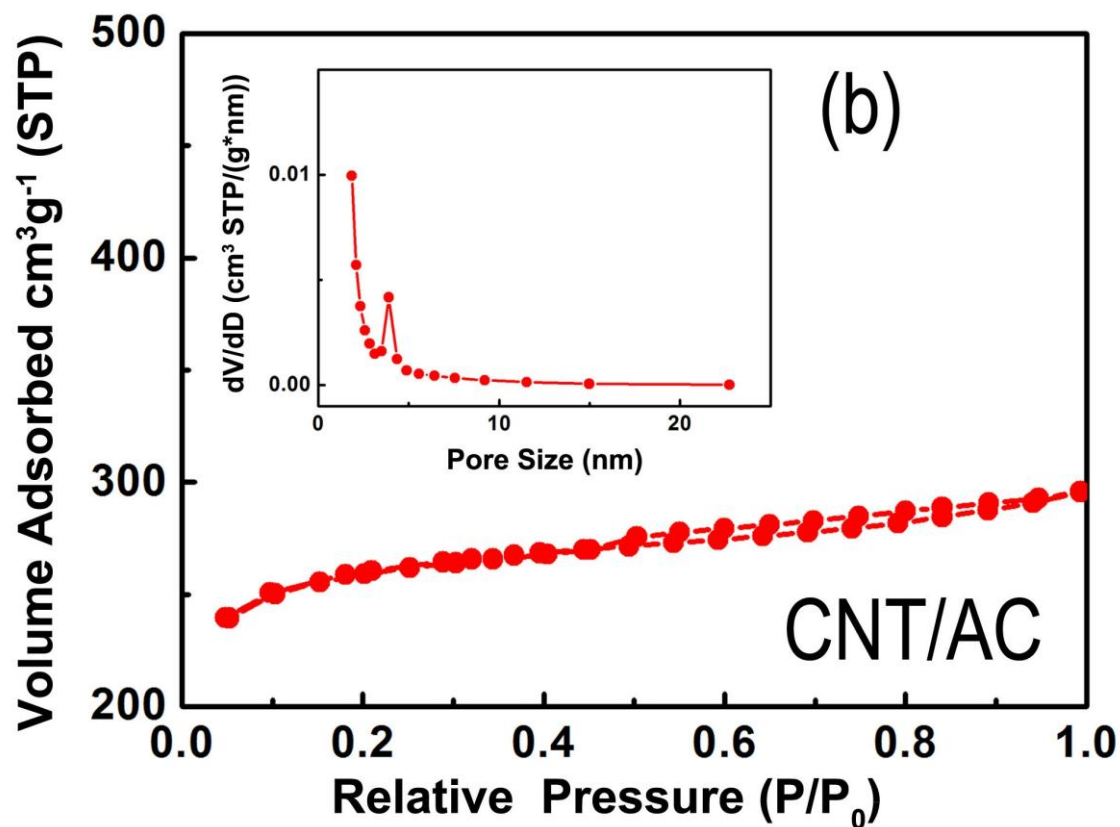


Fig. S2 Nitrogen adsorption and desorption isotherms and their corresponding pore-size distribution curves (insets) CNT/AC networks.

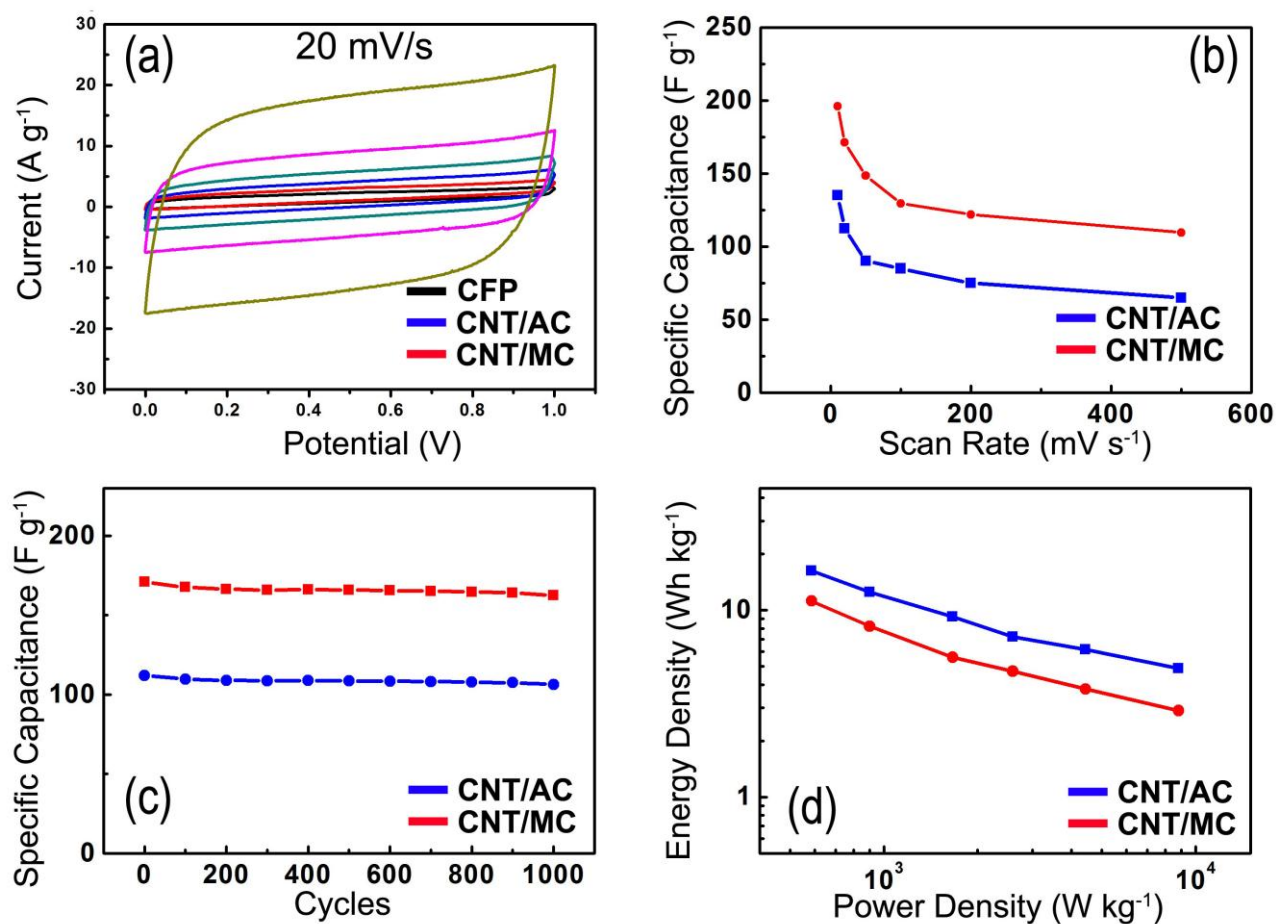


Fig.S3 Electrochemical performance of CNT/MC and CNT/AC networks in 1M H₂SO₄: (a) CV curves of the CNT/MC networks at various scan rates from 10 to 500 mV s⁻¹; (b) relationship of the specific capacitance with scan rate of CV measurements; (c) Variation of specific capacitance with cycle number at a scan rate of 20 mV s⁻¹ (d) Ragone plots.

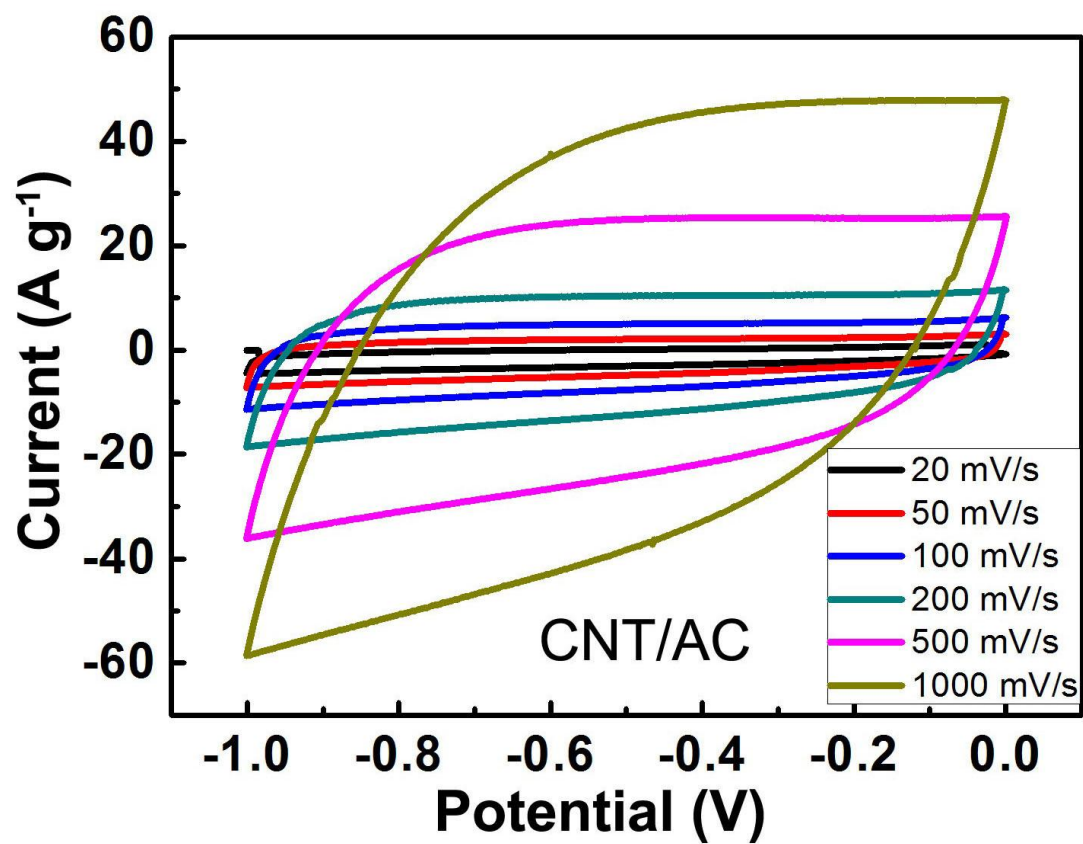


Fig. S4 CV curves of the CNT/AC networks at various scan rates from 20 to 1000 mV s^{-1} in 1M KOH.