

Supporting Information

A Facile Preparation of Mesoporous Titanium Nitride Microspheres for Electrochemical Energy Storage

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Supplementary Figure

Figure S1 Low magnification (a), high magnification (b) SEM images and TEM image (insert) of the as-prepared TiN without the addition of cyanamide.

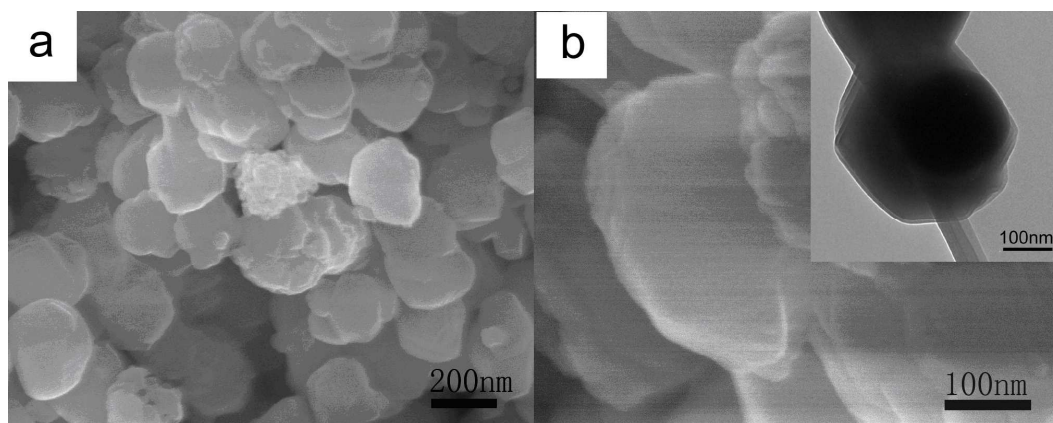


Figure S2 Low Magnification SEM images of the mesoporous TiN spheres with diameter range of 50-100 nm (TiN-1, a), 200-300 nm (TiN-2, b), 600-800 nm (TiN-3, c).

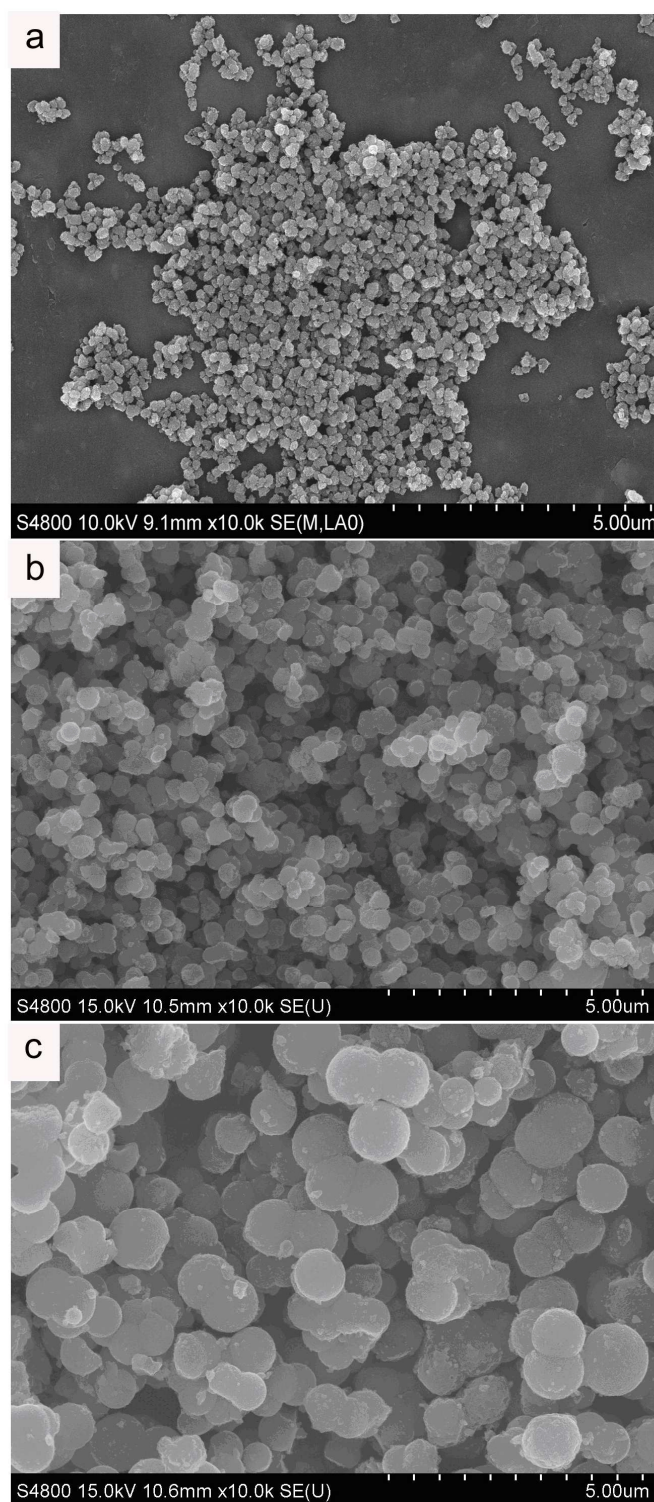


Figure S3 Nitrogen adsorption and desorption isotherms of TiN-1 (a), TiN-3 (c) and the pore-size distribution of TiN-1 (b), TiN -3 (d) obtained from adsorption branch of the isotherm using the BJH method.

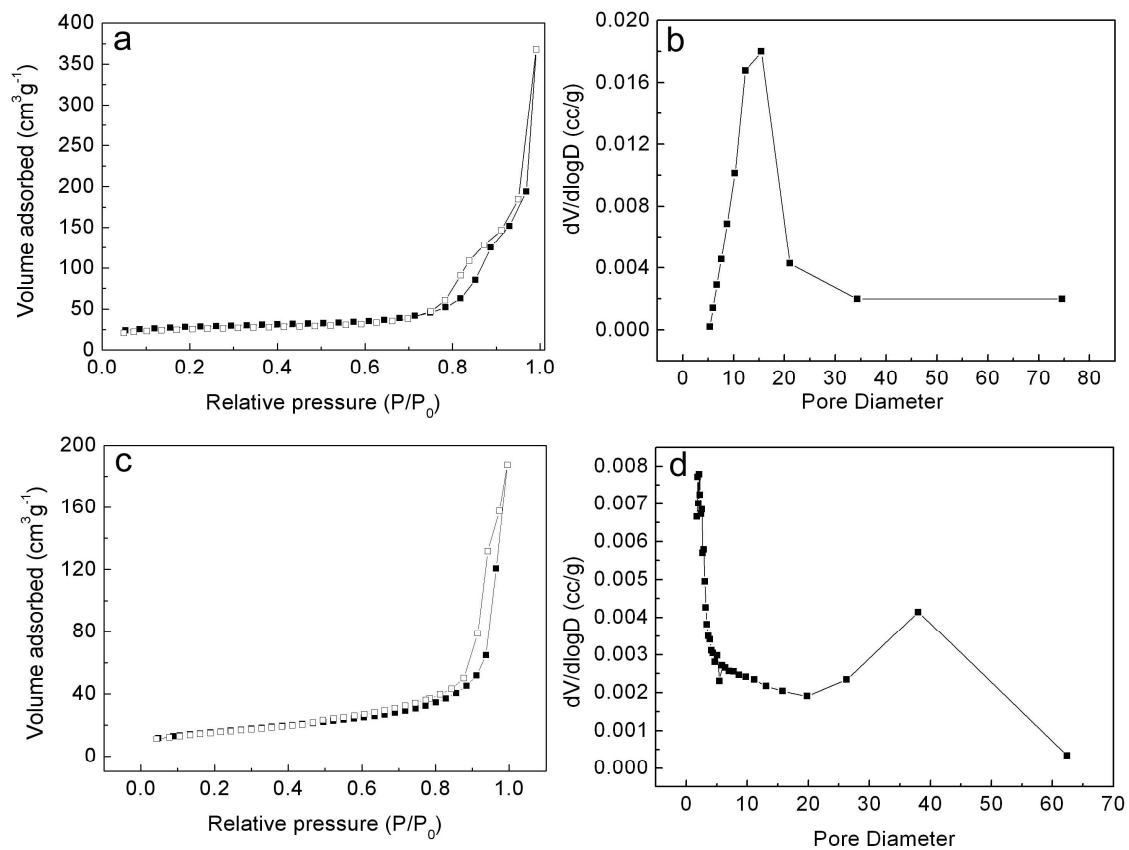


Figure S4 The single-electrode specific capacitance of TiN-1, TiN-3 symmetric supercapacitor as a function of charge/discharge current density and the Ragone plot of these symmetric supercapacitors (insert).

