Supporting Information

Thermal Treatment-Induced Enhancement in Effective Surface Area of Sing-Wall Carbon Nanohorns for Supercapacitor Application

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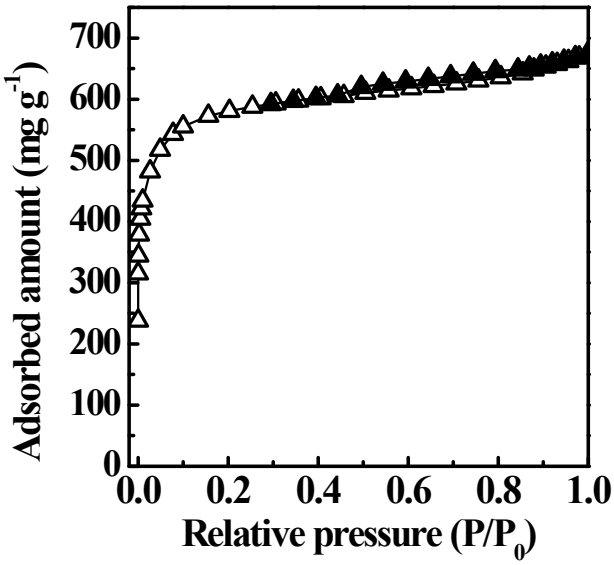

Figure S1. N_2 adsorption isotherm of the commercialized activated carbon (YP-17) at 77 K. The open and solid symbols indicate adsorption and desorption branches, respectively.

Table S1. Pore structure parameters determined from N_2 adsorption isotherm of the commercialized activated carbon (YP-17) at 77 K.

Samples	N_2 adsorption at 77 K (SPE method)			
	Total SSA (m^2 g^{-1})	Micropore SSA (m^2 g^{-1})	External SSA (m^2 g^{-1})	Micropore Volume (mL g^{-1})
YP-17	1874	1748	126	0.67

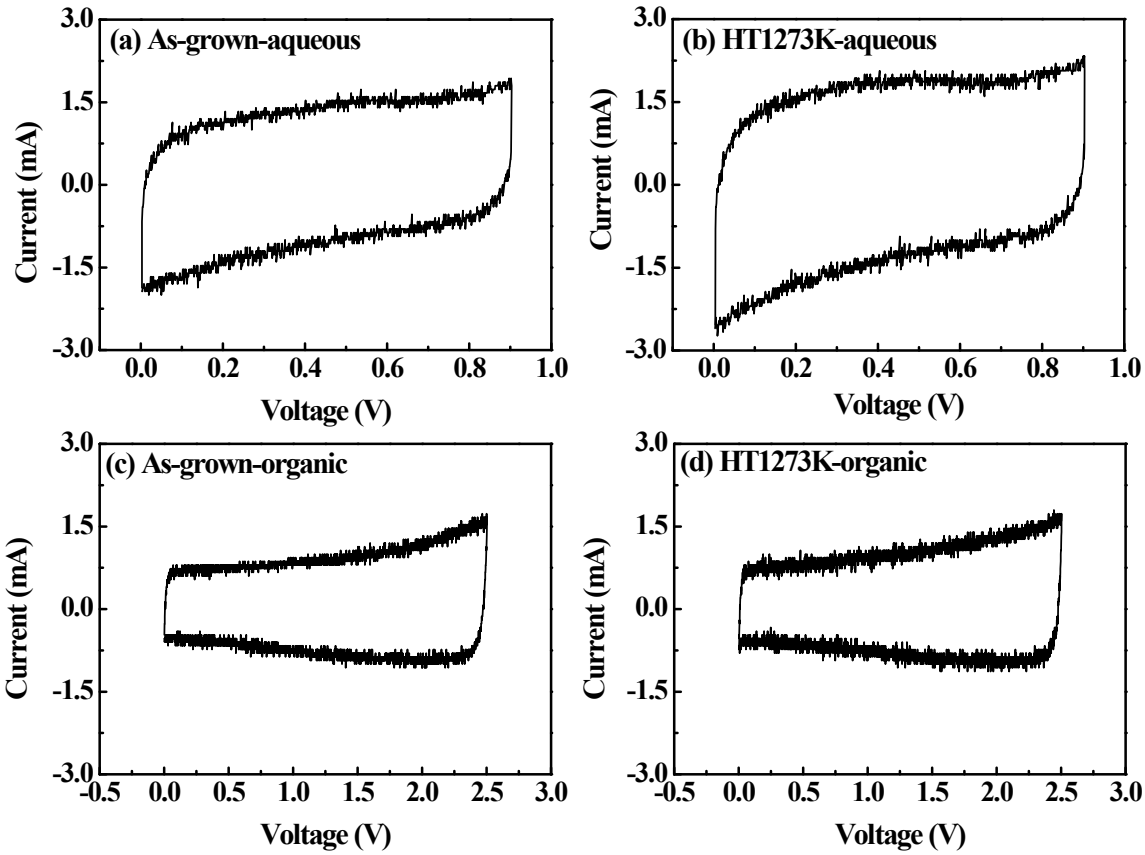

Figure S2. Cyclic-voltammograms of the SWCNH supercapacitor electrodes in aqueous (a, b) and organic (c, d) electrolyte systems. (a, c) as-grown SWCNHs and (b, d) SWCNHs heat-treated at 1273 K.