

Supporting information

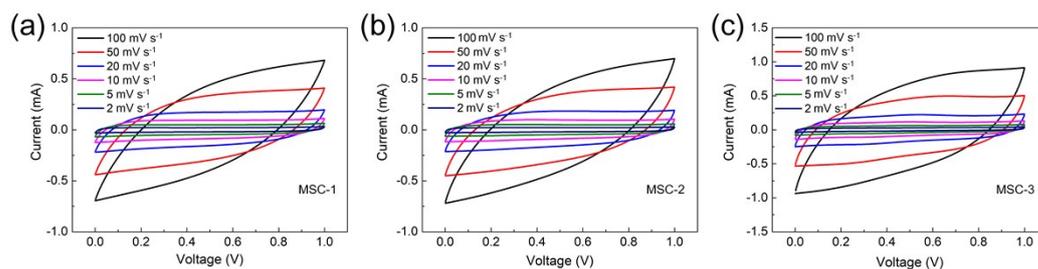


Fig. S1 CV curves of the fabricated (a) MSC-1, (b) MSC-2, and (c) MSC-3 at different scan rates from 2 to 100 mV s⁻¹.

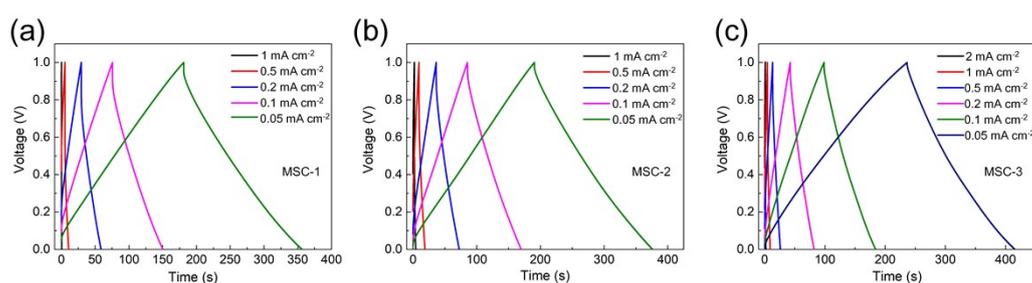


Fig. S2 GCD curves of the fabricated (a) MSC-1, (b) MSC-2, and (c) MSC-3 at different current densities.

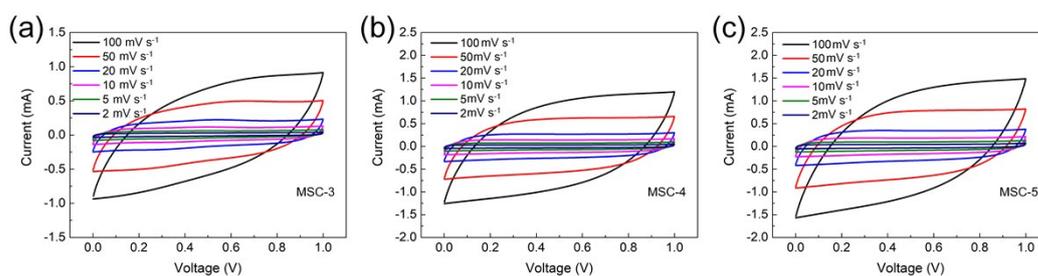


Fig. S3 CV curves of the fabricated (a) MSC-3, (b) MSC-4, and (c) MSC-5 at different scan rates from 2 to 100 mV s⁻¹.

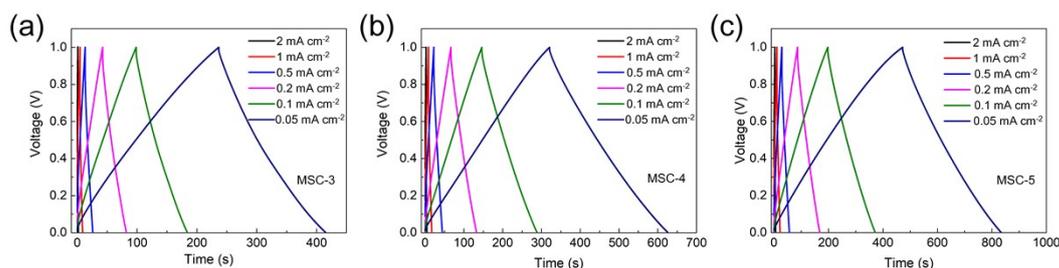


Fig. S4 GCD curves of the fabricated (a) MSC-3, (b) MSC-4, and (c) MSC-5 at different current densities.

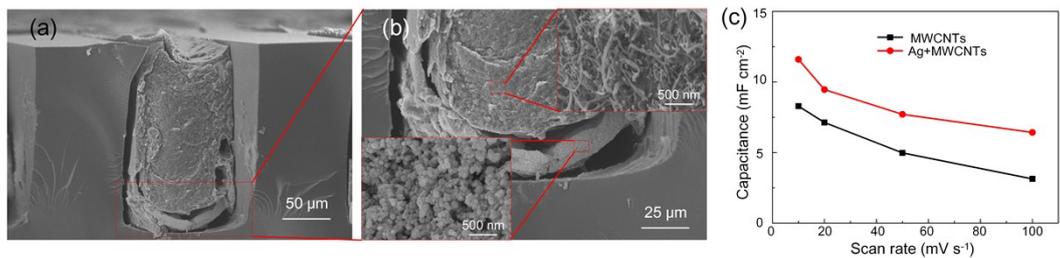


Fig. S5 (a) (b)The SEM image of the multilayer interdigital microelectrodes with silver layers and MWCNTs layers, (c) The capacitance comparison plot of MSCs based on multilayer interdigital microelectrodes and MWCNTs microelectrodes

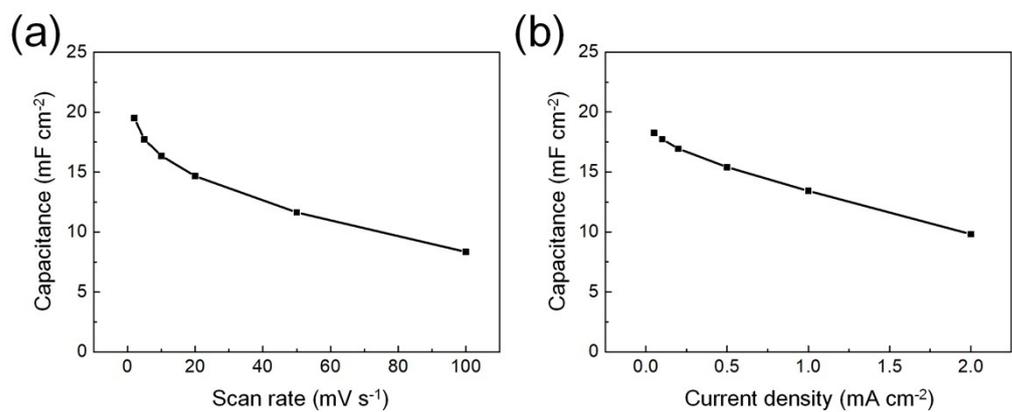


Fig. S6 (a) The capacitance as a function of the scan rates, (b) The capacitance as a function of the current densities.