SUPPLEMENTARY MATERIAL

Disposable Multi-Walled Carbon Nanotube Printed Films-Electrochemical Determination of Acetaminophen, Dopamine, and Uric Acid

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Figure S1. Equivalent electrical circuit ($R_s + (C_{dl}/R_{ct} + Z_w)$) used for the simulation of electrochemical impedance spectra recorded for oxidation of ferrocyanide on the printed multi-walled carbon nanotube film. The elements of electrical circuit are denoted as follows: R_s is a resistor representing the resistance of electrolyte, R_{ct} is a resistor representing the charge transfer resistance of redox reaction, C_{dl} is a capacitor (constant phase element) corresponding to double-layer capacitance, and Z_w represents the Warburg diffusion impedance.

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Figure S2. Representative scanning electron micrographs of printed multi-walled carbon nanotube films. The images were obtained with an accelerating voltage of 10 kV and magnification factors of (a) 8000, (b) 6000, and (c) 5000.