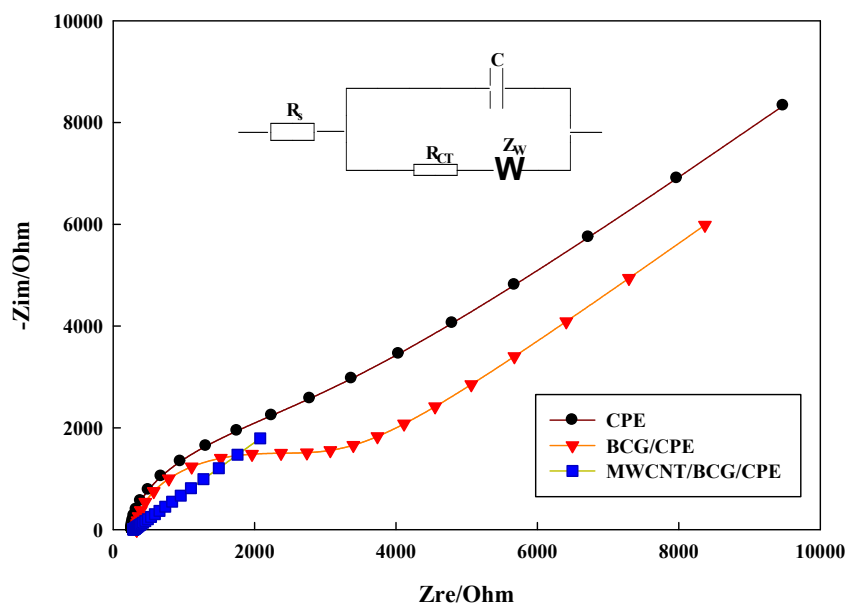


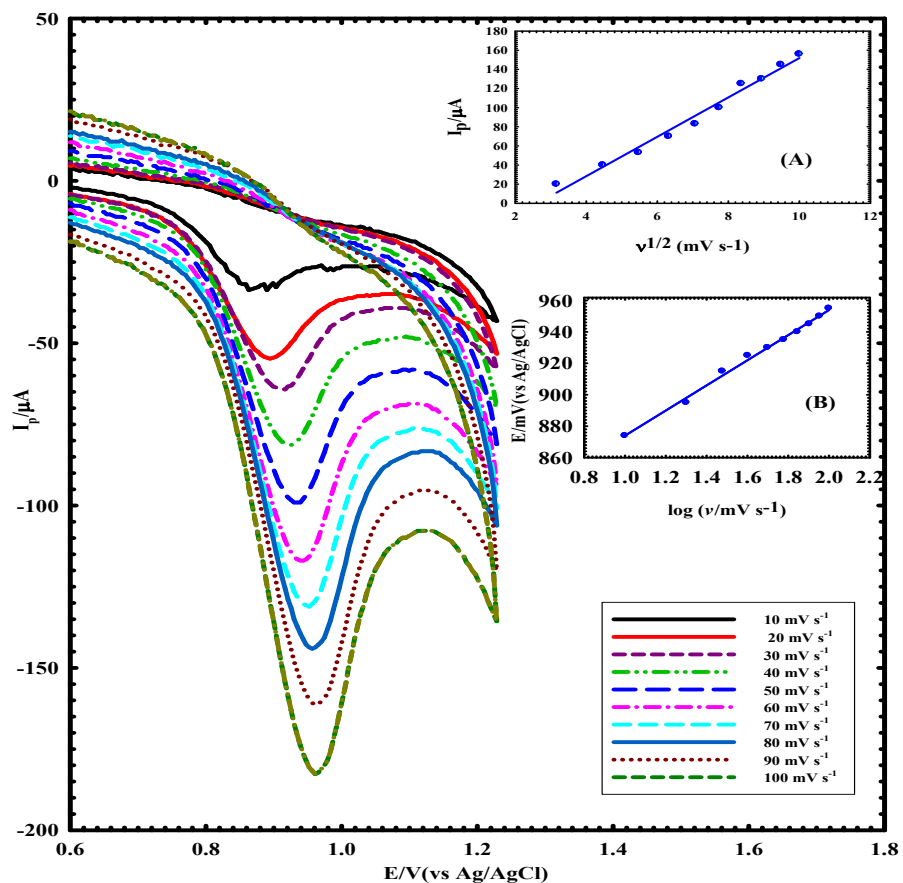
ESI Figure 1.

Nyquist plot recorded using the redox probe $\text{Fe}(\text{CN})_6^{3-/4-}$ / 0.1 M KCl at CPE, BCG/CPE and MWCNT/BCG/CPE. Inset: circuit for the electrochemical impedance spectroscopy data. The frequency range is from 100 mHz to 100 kHz. The inset shows the equivalent circuit.



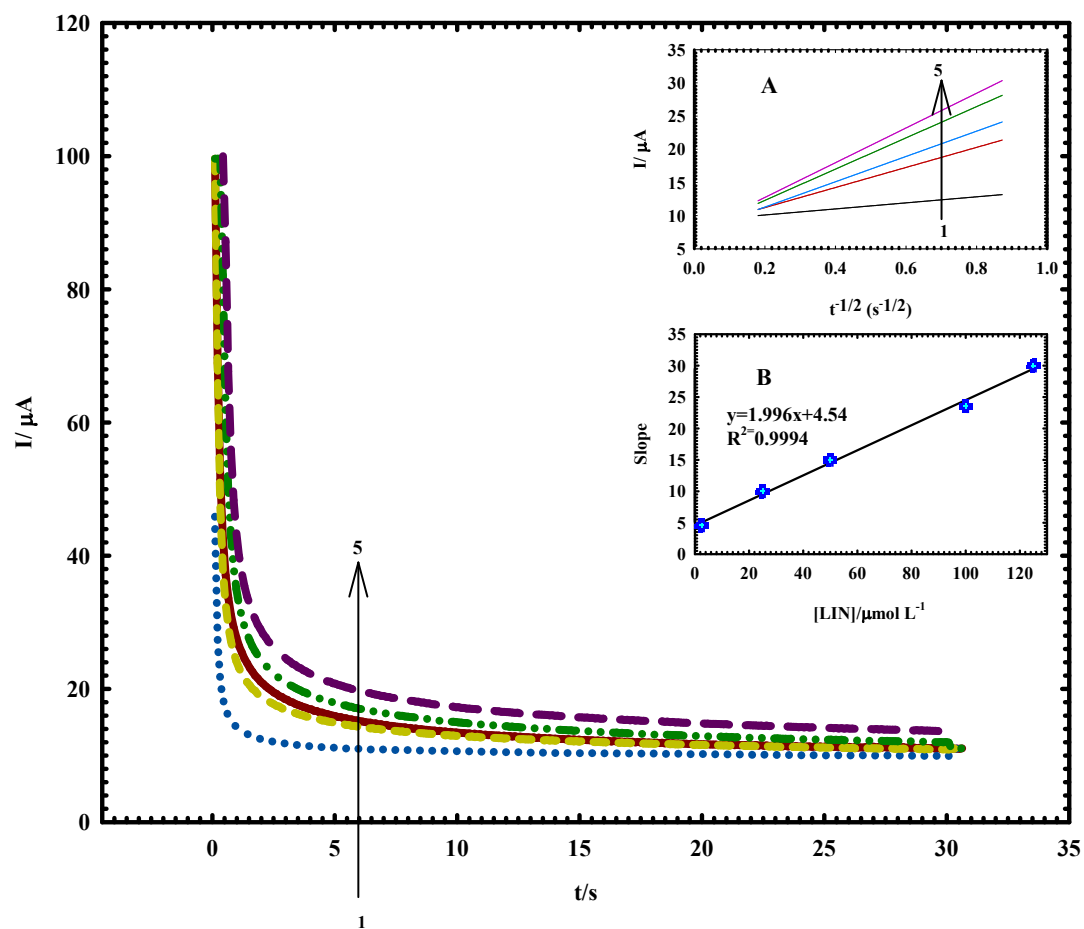
ESI Figure 2.

(A) Cyclic voltammograms of 1.0×10^{-3} mol L⁻¹ LIN in pH 7 buffer using a MWCNT/BCG/CPE sensor recorded at various scan rates: 10-100 mVs⁻¹. Inset A: plot of I_p vs. $v^{1/2}$. Inset B: plot of E_p vs. $\log v$.



ESI Figure 3.

Chronoamperograms for the electrochemical oxidation of different concentrations LIN using a MWCNT/BCG/CPE sensor in a pH 7 buffer. Potential step: +0.950 V vs. Ag/AgCl. The numbers 1 to 5 in the Cottrell plot (inset A) correspond to 2.50, 25.00, 50, 100.00 and 125.00 $\times 10^{-6}$ mol L⁻¹ of LIN, respectively. Inset B shows the variation of chronoamperometric currents at $t = 30$ s vs. LIN concentration.



ESI Figure 4.

DPV of MWCNT/BCG/CPE in a pH 7 buffer containing $10 \mu\text{mol L}^{-1}$ LIN in the presence of AA ($49 \mu\text{mol L}^{-1}$) and UA ($137 \mu\text{mol L}^{-1}$). Scan rate: 10 mV/s .

