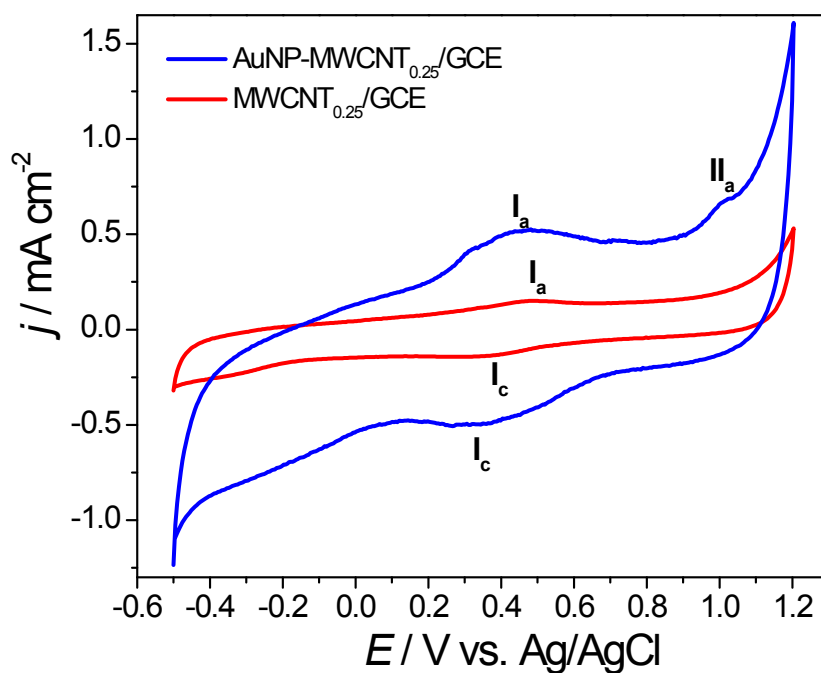


## SUPPLEMENTARY MATERIAL

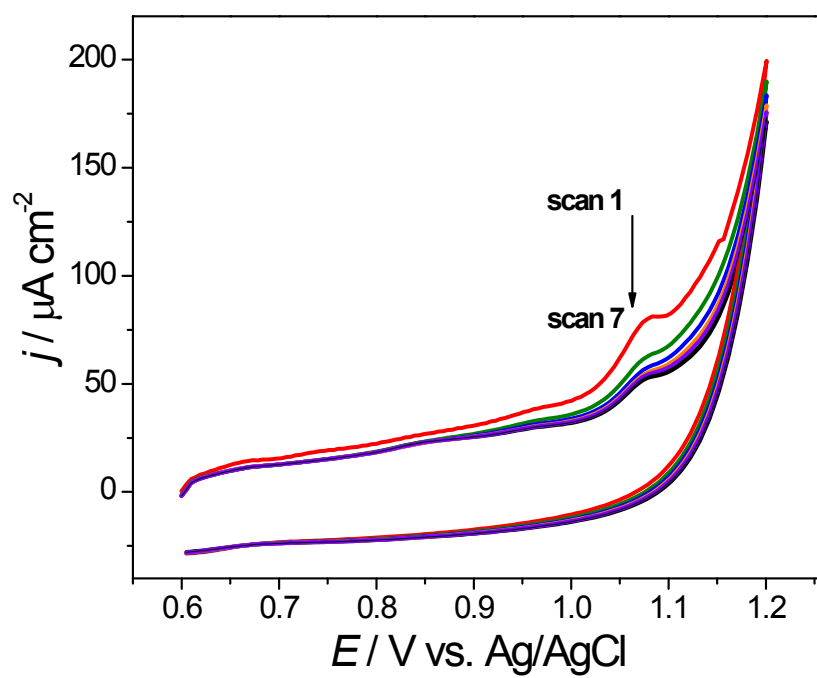
### **GOLD NANOPARTICLE DECORATED MULTIWALLED CARBON NANOTUBE MODIFIED ELECTRODES FOR THE ELECTROCHEMICAL DETERMINATION OF THEOPHYLLINE**

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**Figure S1.** Cyclic voltammogram at (blue) AuNP-MWCNT<sub>0.25</sub>/GCE and (red) MWCNT<sub>0.25</sub>/GCE in 0.1 M H<sub>2</sub>SO<sub>4</sub>. Scan rate 100 mV s<sup>-1</sup>.



**Figure S2.** Consecutive cyclic voltammograms at AuNP-MWCNT<sub>0.25</sub>/GCE with 50  $\mu\text{M}$  TP in 0.1 M BR buffer solution, pH 6.0, scan rate 100  $\text{mV s}^{-1}$ .