

Supporting information

Hydrogen peroxide and dopamine sensors based on electrodeposition of reduced graphene oxide/silver nanoparticles

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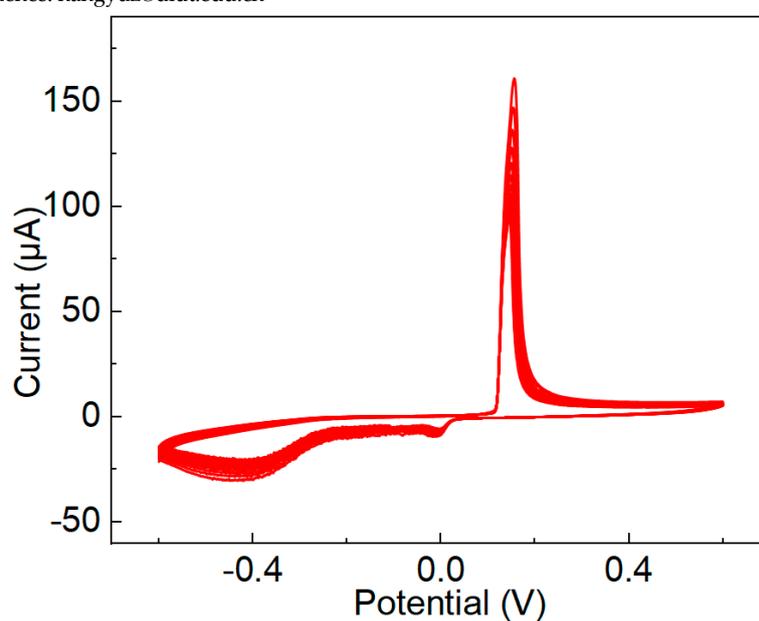


Figure S1. CV curves of AgNPs/rGO/GCE electrodes scanned for 30 cycles in PBS solution.

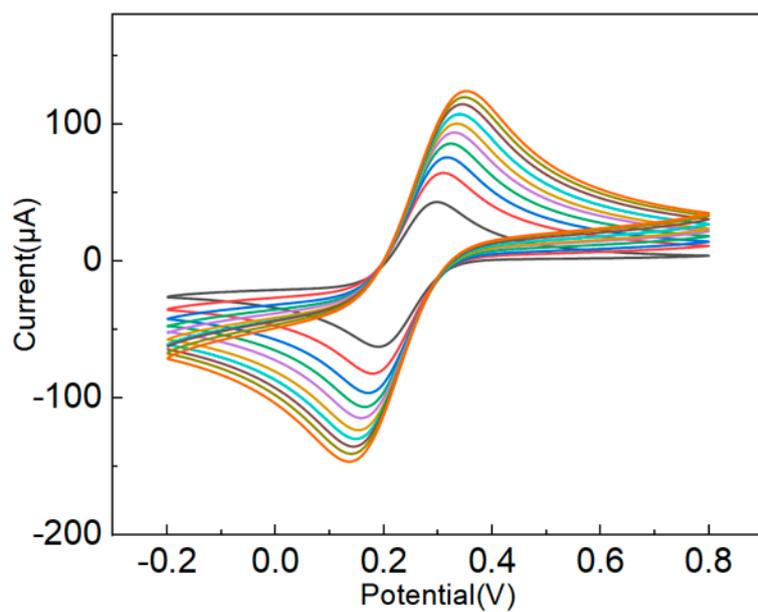


Figure S2. CV curves of the GCE in 20 mM $K_3[Fe(CN)_6]$, 0.1 M KCl solution with scanning speed from 0.02 V/S to 0.2 V/S.

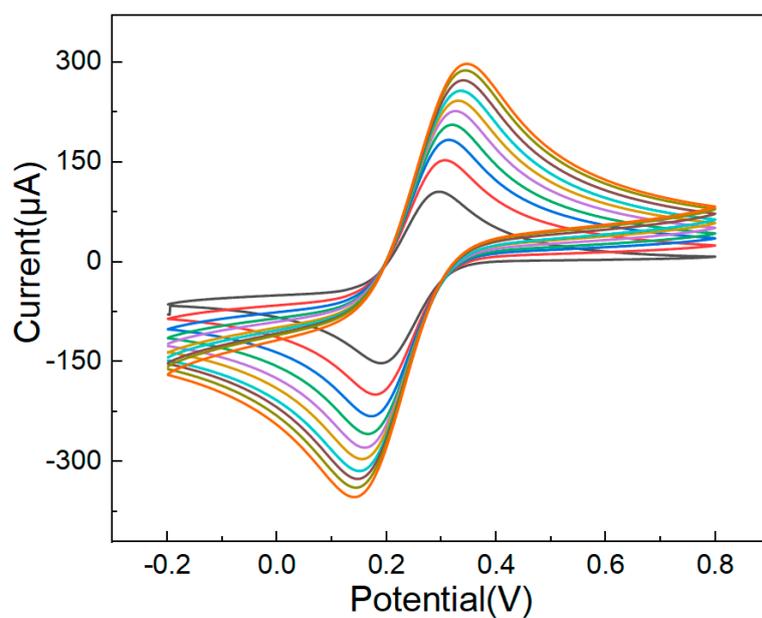


Figure S3. CV curves of the AgNPs/rGO/GCE in 20 mM $K_3[Fe(CN)_6]$, 0.1 M KCl solution with scanning speed from 0.02 V/S to 0.2 V/S.

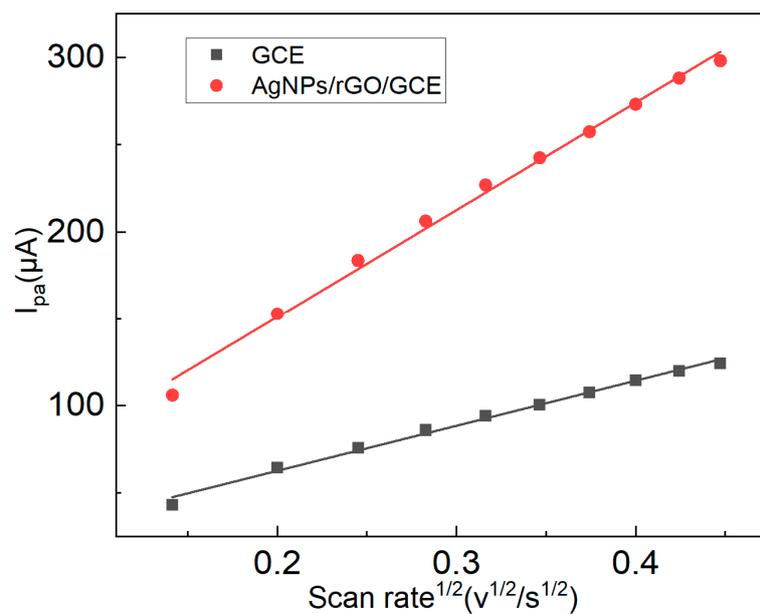


Figure S4. Fitting curves of the peak current values of GCE and AgNPs/rGO/GCE vs. the scanning speed.

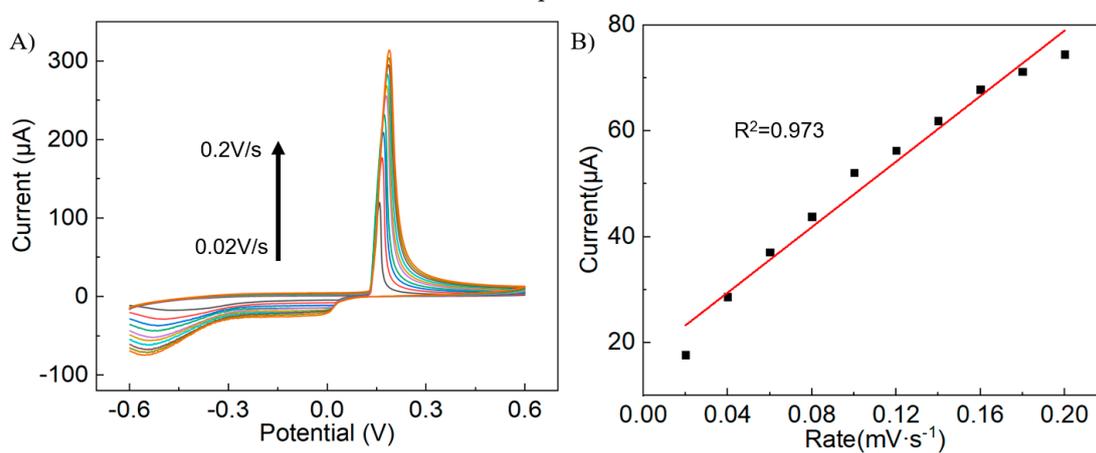


Figure S5. (A) CV curves of AgNPs/rGO/GCE in PBS solution at different scan rates from 20 to 200 mV/s. (B) Plots of cathodic peak currents vs. scan rate.