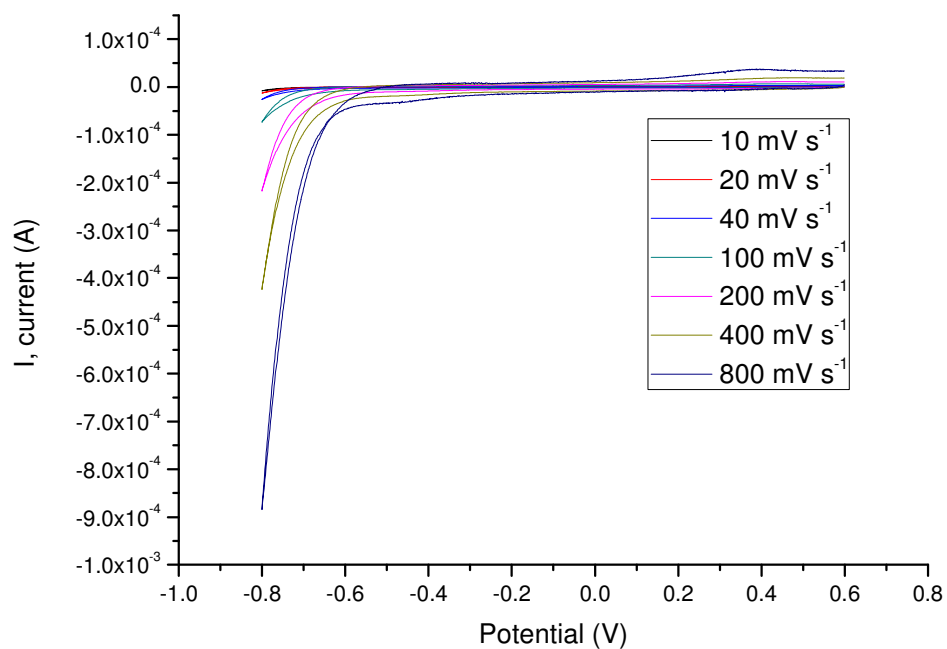
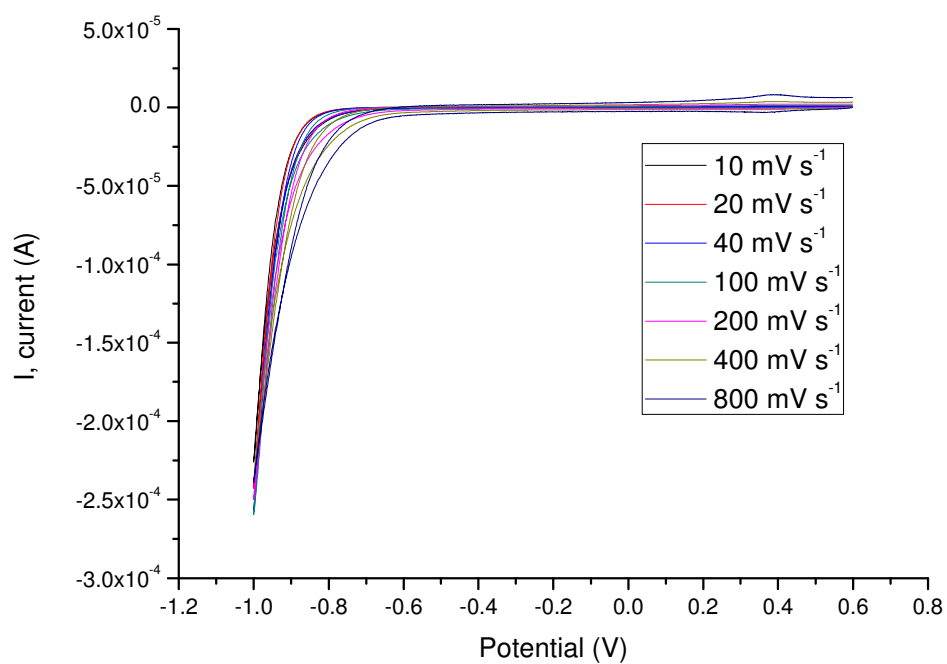


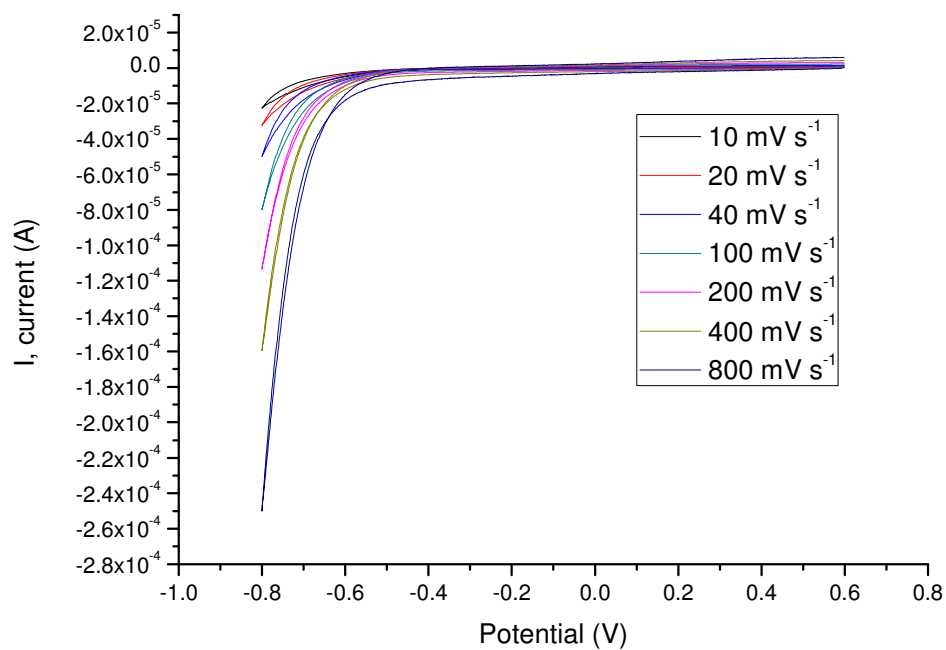
Electronic Supplementary Information



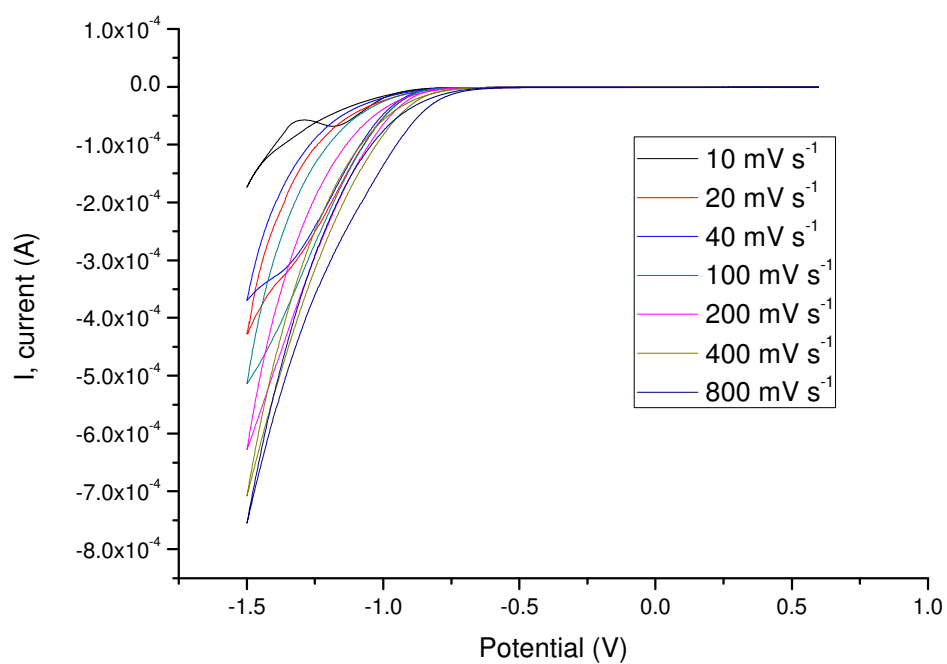
S1 Voltammograms taken at scan rates of 800, 400, 200, 100, 40, 200, 10 mV s^{-1} , on a 0.5cm EPPG electrode in an N_2 saturated 0.1M H_2SO_4 solution. The potential was swept from 0.6 to -0.8V Vs saturated calomel electrode (SCE)



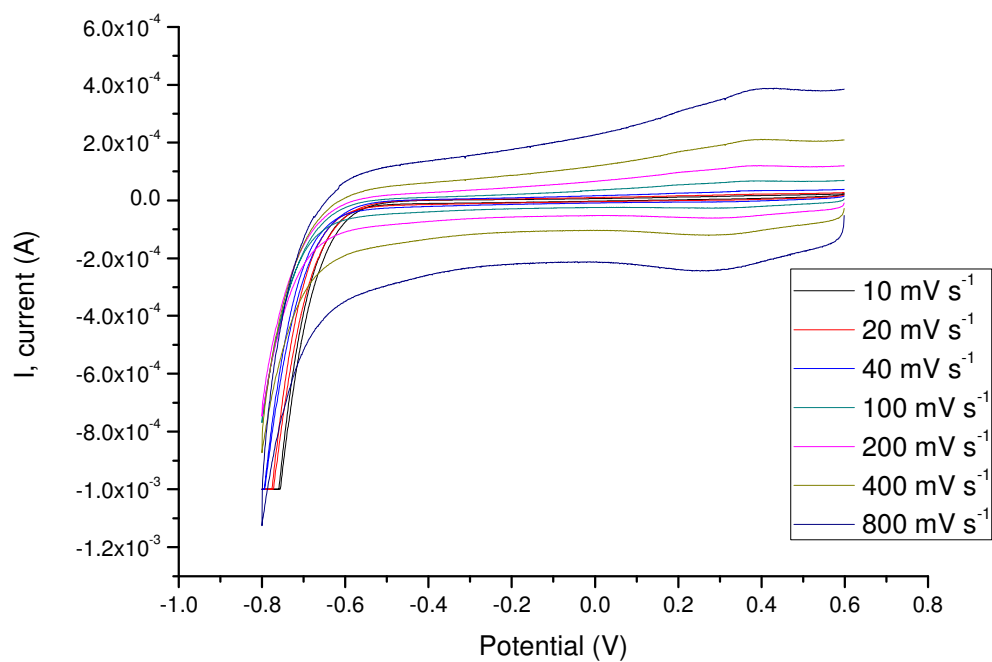
S2 Voltammograms taken at scan rates of 800, 400, 200, 100, 40, 200, 10 mV s^{-1} , on a 0.5cm BPPG electrode in an N_2 saturated 0.1M H_2SO_4 solution. The potential was swept from 0.6 to -1.0V Vs saturated calomel electrode (SCE)



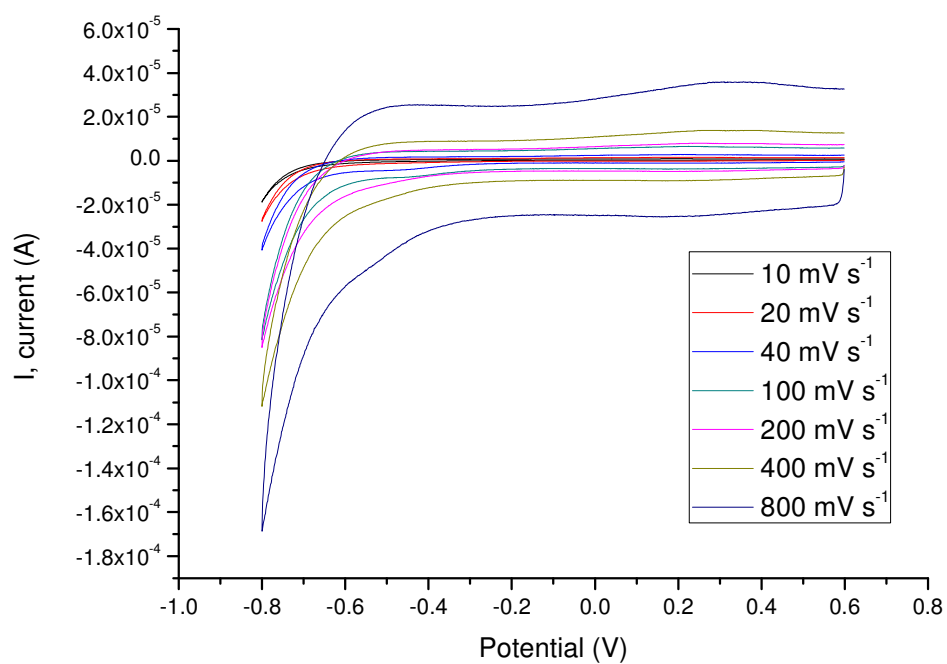
S3 Voltammograms taken at scan rates of 800, 400, 200, 100, 40, 200, 10 mV s^{-1} , on a 0.3cm GC electrode in an N_2 saturated 0.1M H_2SO_4 solution. The potential was swept from 0.6 to -0.8V Vs saturated calomel electrode (SCE)



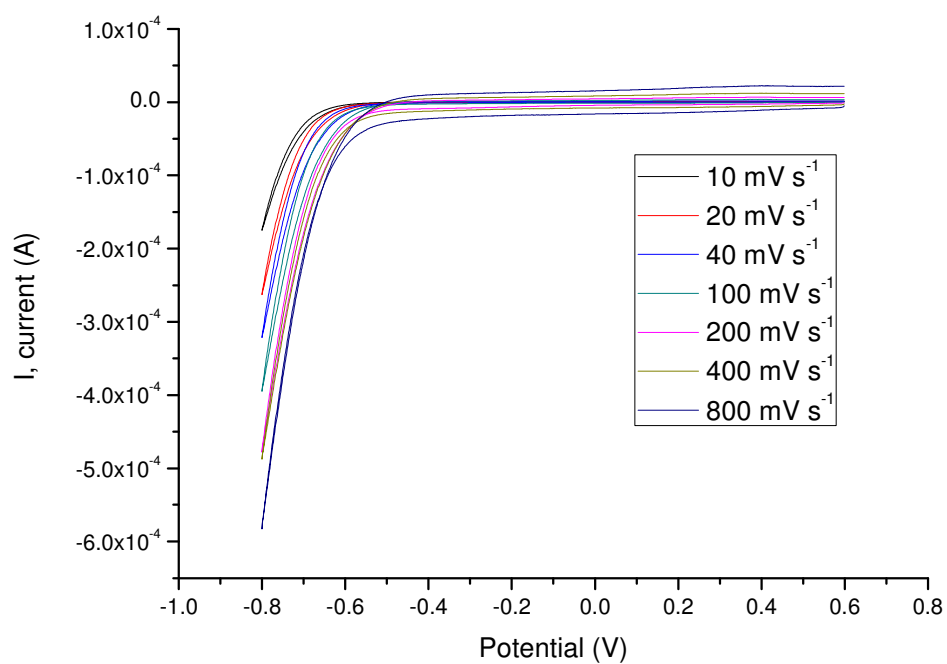
S4 Voltammograms taken at scan rates of 800, 400, 200, 100, 40, 200, 10 mV s^{-1} , on a 0.5 cm BDD electrode in an N_2 saturated 0.1 M H_2SO_4 solution. The potential was swept from 0.6 to -1.5 V vs saturated calomel electrode (SCE.)



S5 Voltammograms taken at scan rates of 800, 400, 200, 100, 40, 200, 10 mV s⁻¹, on a 0.5 cm SWCNT modified BPPG electrode in an N₂ saturated 0.1 M H₂SO₄ solution. The potential was swept from 0.6 to -0.8 V vs saturated calomel electrode (SCE)



S6 Voltammograms taken at scan rates of 800, 400, 200, 100, 40, 200, 10 mV s⁻¹, on a 0.5 cm H-MWCNT modified BPPG electrode in an N₂ saturated 0.1 M H₂SO₄ solution. The potential was swept from 0.6 to -0.8 V vs saturated calomel electrode (SCE)



S7 Voltammograms taken at scan rates of 800, 400, 200, 100, 40, 200, 10 mV s^{-1} , on a 0.5cm B-MWCNT modified BPPG electrode in an N_2 saturated $0.1 \text{ M H}_2\text{SO}_4$ solution. The potential was swept from 0.6 to -0.8V Vs saturated calomel electrode (SCE)