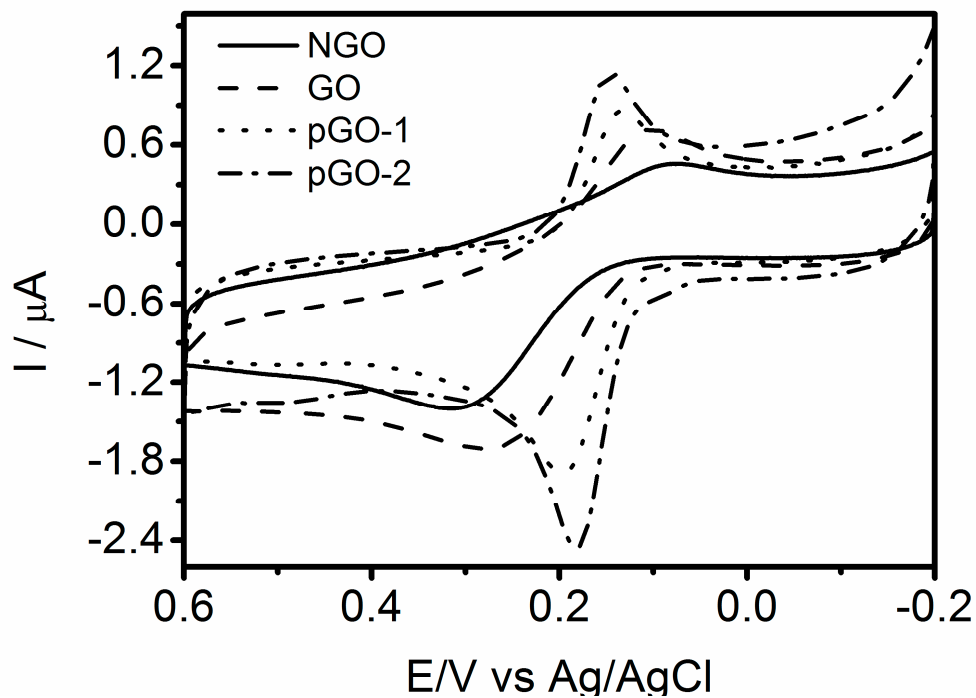


## Supplementary figures and figure captions



**Figure S1.** Cyclic voltammetric curves obtained from four different substrates in the presence of 10  $\mu\text{M}$  dopamine using DPBS (pH 7.4) as an electrolyte. Scan rate = 0.05 V/s. 'NGO', 'GO', 'pGO-1' and 'pGO-2' stand for 'commercial nano graphene oxide', 'graphene oxide', 'porous graphene oxide synthesized by 6 hours of ultrasonication' and 'porous graphene oxide synthesized by 12 hours of ultrasonication'.