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SUPPORTING INFORMATION

Fluorographite to Hydroxy Graphene to Graphene: A Simple Wet Chemical Approach for Good Quality Graphene

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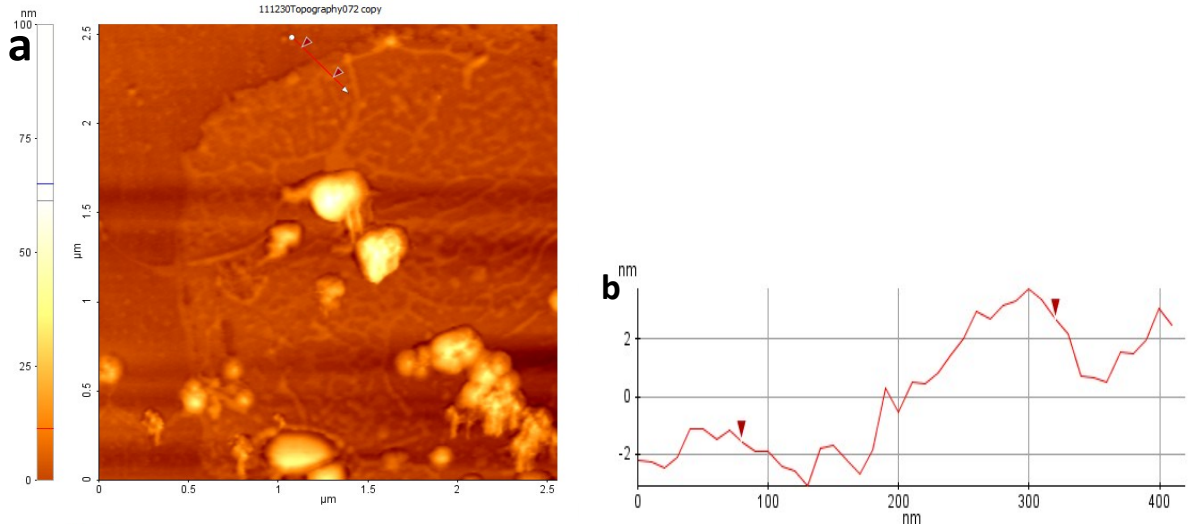

Figure S1. a) AFM image of GR. b) Thickness profile of the GR sheet (red scanning line)

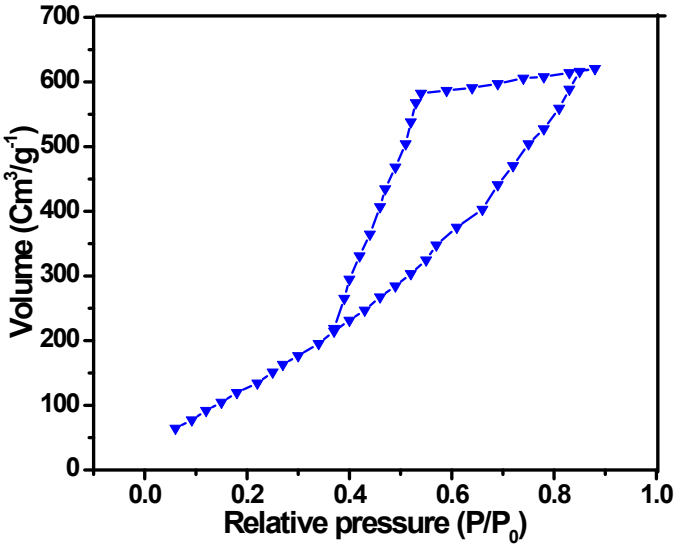

Figure S2: Adsorption and desorption isotherm of GR

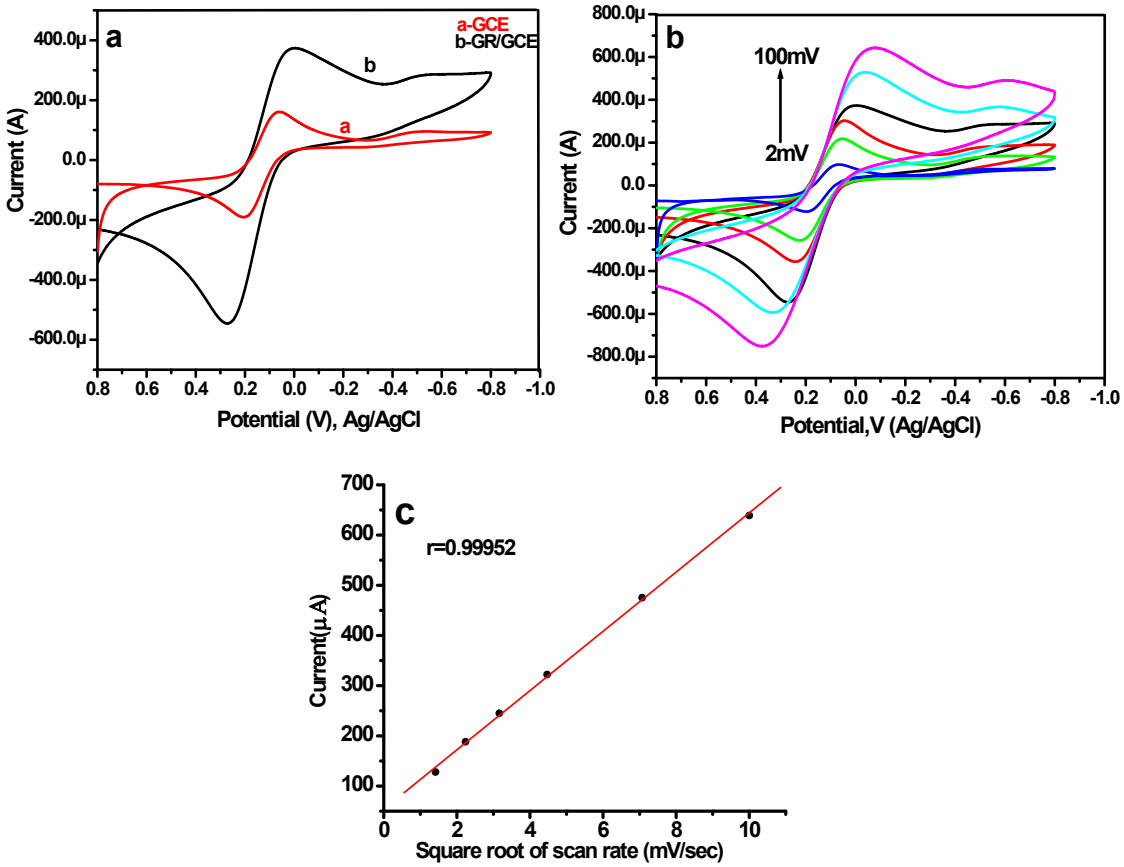

Figure S3: a) CV curves of GCE and GR/GCE in 0.1M KCl containing 5mM $[Fe(CN)_6]^{4-/3-}$ at 50 m Vs^{-1} b) CV curves at different scan rate (2m V $s^{-1}$to 100 mV/ s^{-1}) c) Plot of current versus square root of scan rate.

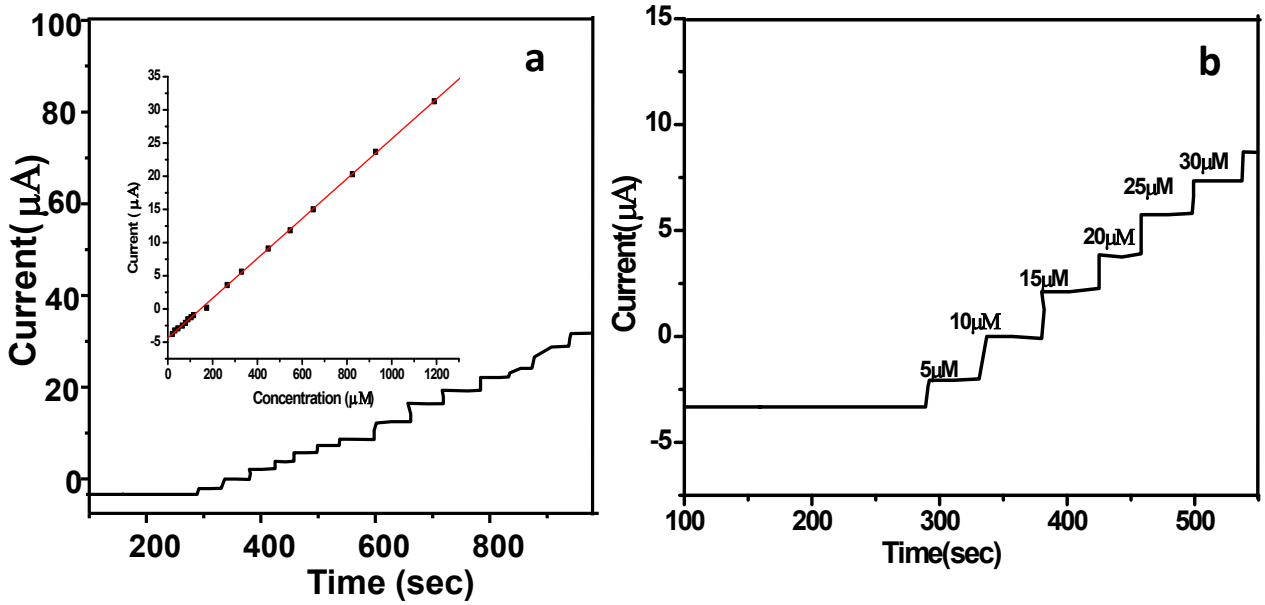

Figure S4: a) Amperometric responses of GR/GCE to successive addition of AA into PBS buffer. (Inset: linear curves of oxidation current versus concentration) b) magnified portion of the amperometric response curve.

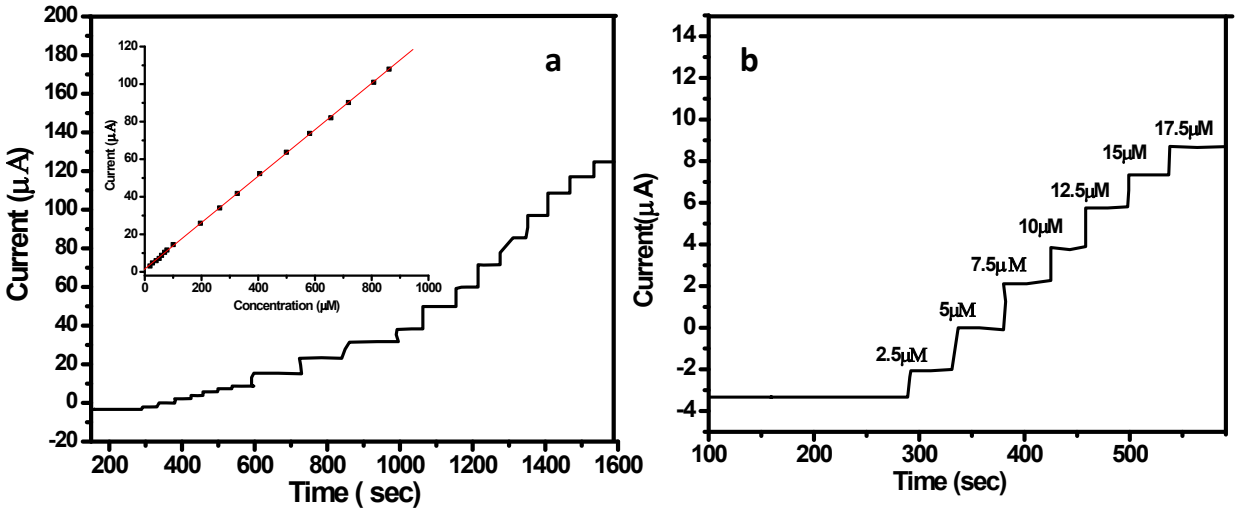

Figure S5: a) Amperometric responses of GR/GCE to successive addition of DA into PBS buffer (inset: linear curves of oxidation current versus concentration) b) magnified portion of the amperometricresponse curve.

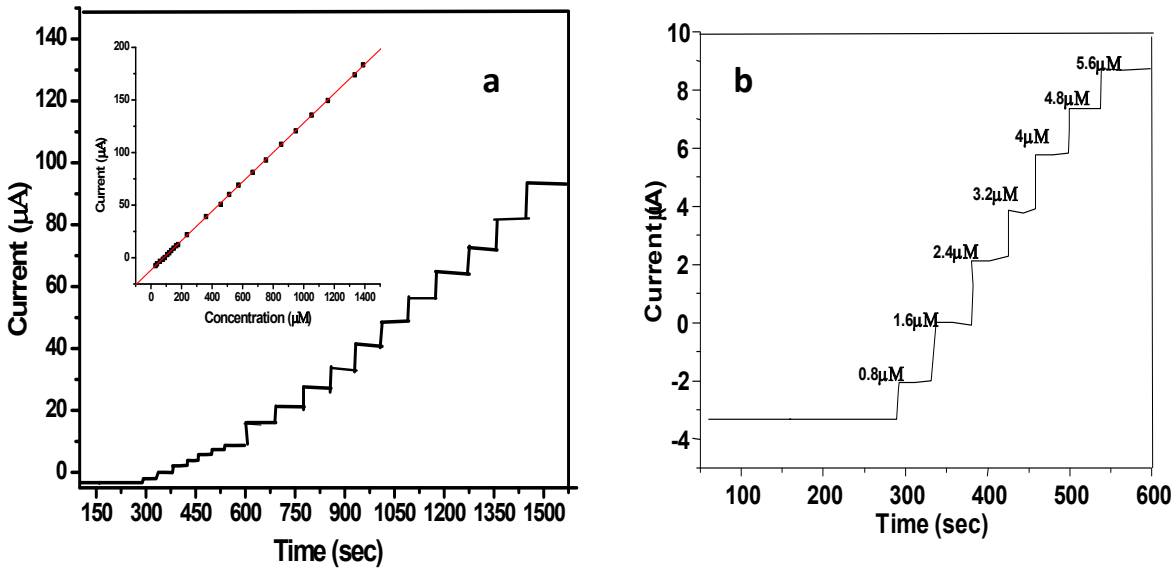

Figure S6: a) Amperometric responses of GR/GCE to successive addition of UA into PBS buffer (inset: linear curves of oxidation current versus concentration) b) magnified portion of the amperometric response curve.