

Electronic Supplementary Information

Production of stable aqueous dispersion of poly(3,4-ethylenedioxythiophene) nanorods using graphene oxide as a stabilizing agent and their application for nitrite detection

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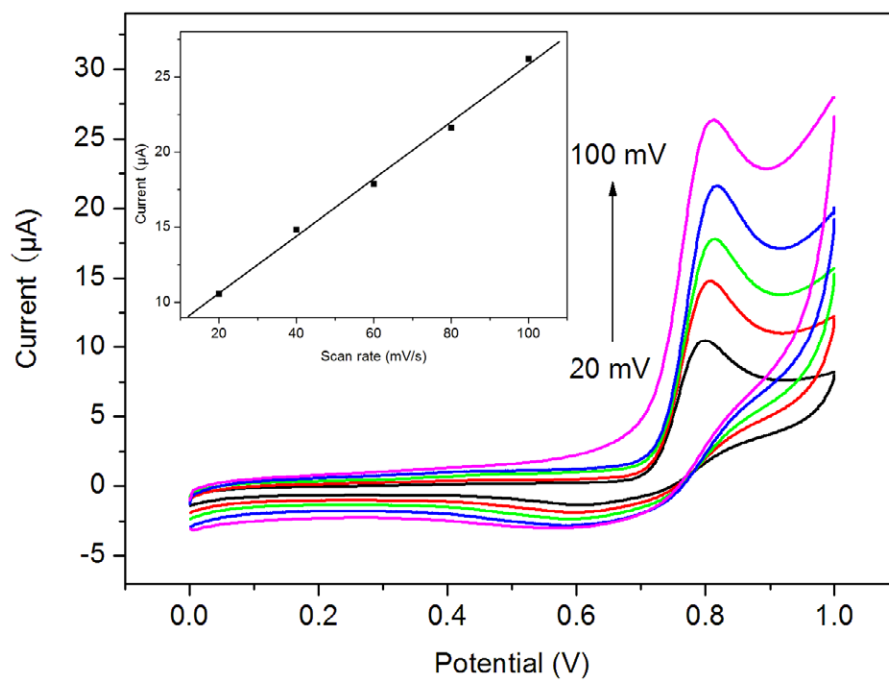


Fig. S1 CVs of PEODT-GO/AuE at a scanning rate of 20, 40, 60, 80 and 100 mV/s in 0.1 M PBS (pH 6.8, with 1 mM NaNO₂). Inset: plot of the scan rate vs. peak current.

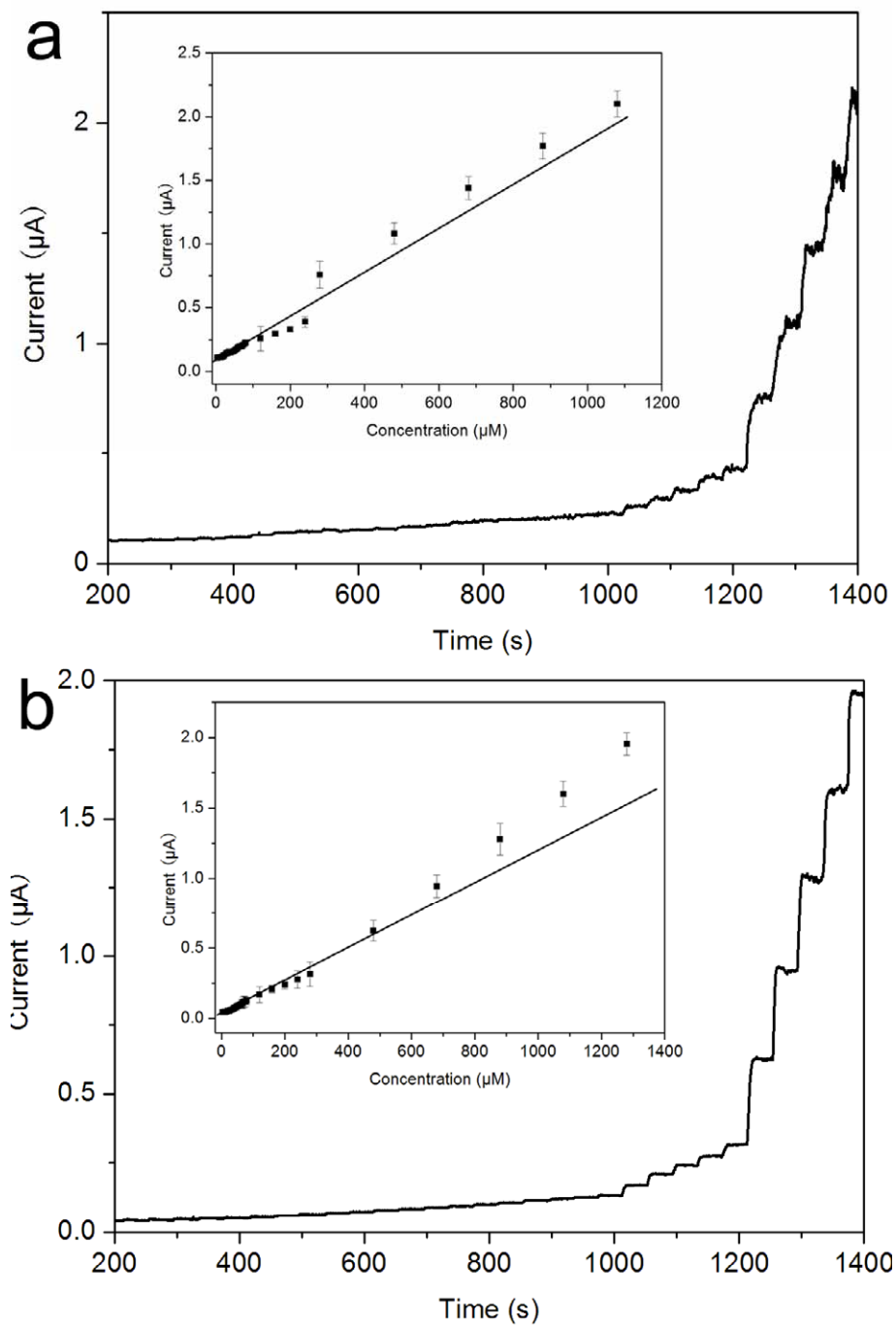


Fig. S2 Typical steady-state response of the PEDOT/AuE (a) and GO/AuE (b) to successive injection of NaNO_2 into the stirred 0.2 M PBS at pH: 6.5. Inset: the corresponding calibration curve with error bars (Applied potential: 0.8 V).