

Supplementary Information

Multilayer hybrid films consisting of alternating graphene and titanium dioxide for high-performance supercapacitors

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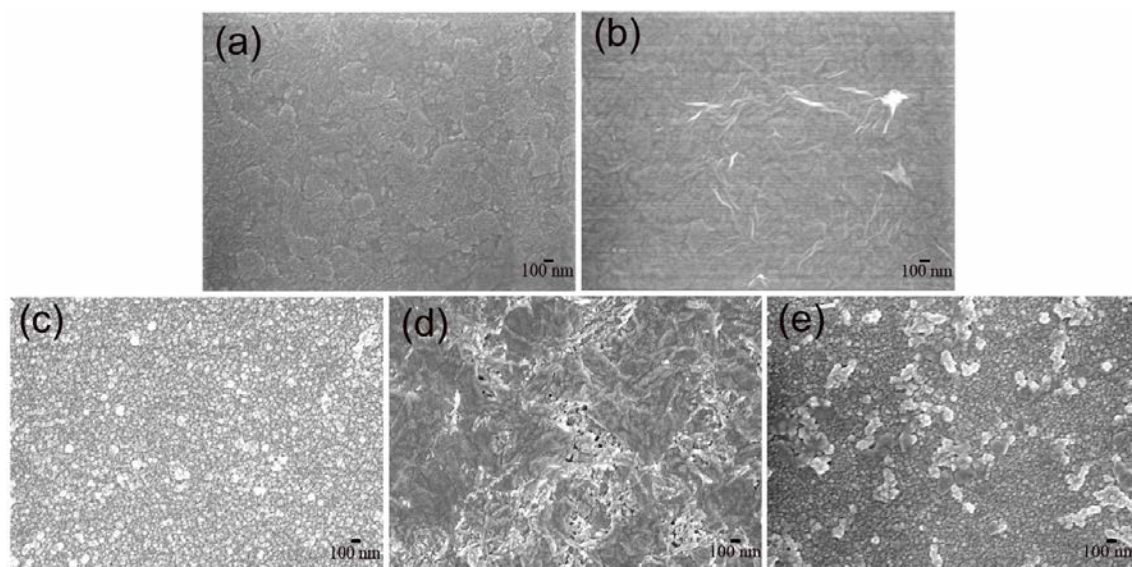


Fig.S1 SEM images of (a) ITO glass, (b) [GNS]₁₅, (c) [TiO₂]₁₅, (d) [GNS/TiO₂]₁₅ and (e) [GNS]₁₅+ [TiO₂]₁₅ multilayer films.

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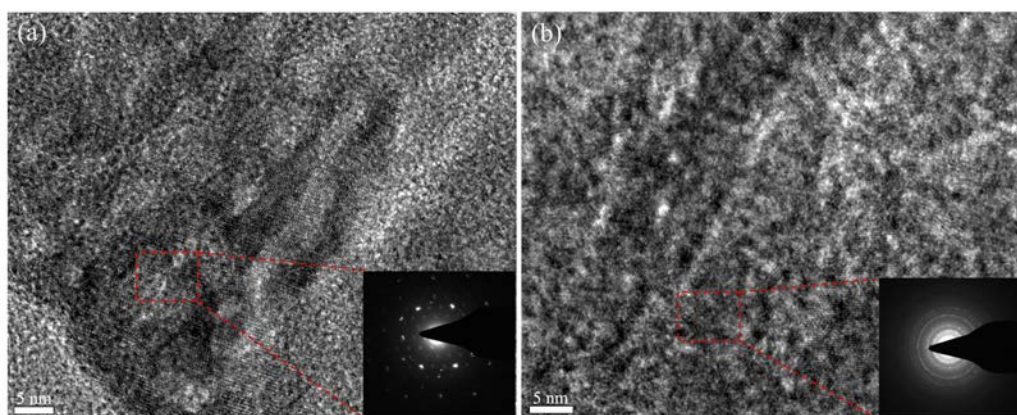


Fig. S2 TEM images of TiO₂ powder and [GNS/TiO₂]₁₅ film. The inset is the responding electron diffractions

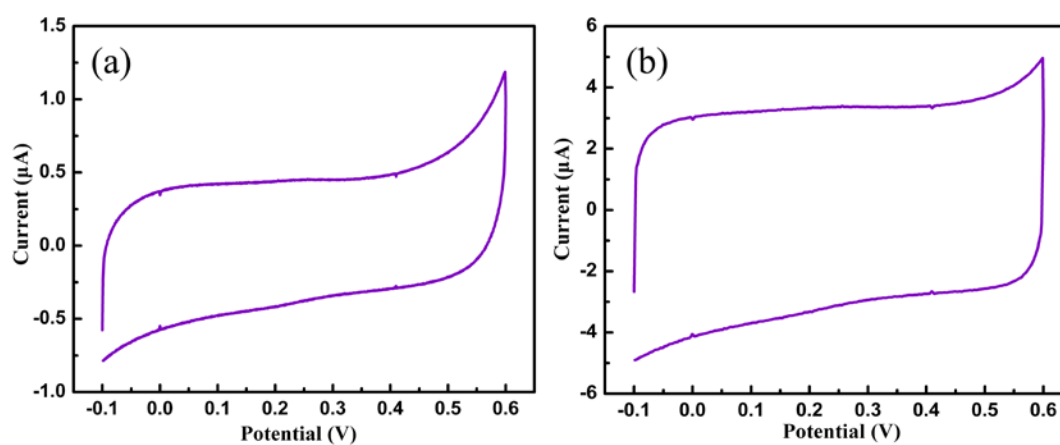


Fig.S3 CV curves of bare ITO electrode in 0.5 M Na₂SO₄ aqueous electrolyte with the scan rates: (a) 10 mV·s⁻¹ and (b) 100 mV·s⁻¹.

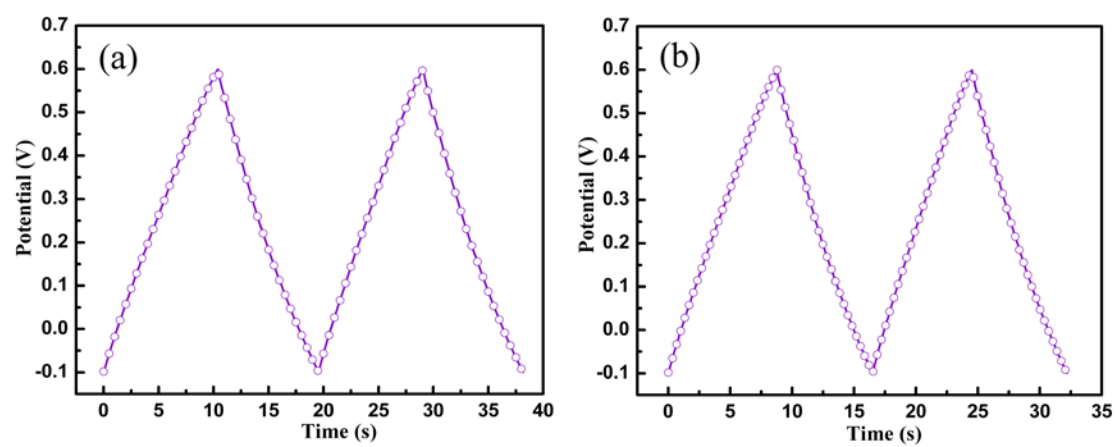


Fig.S4 GCD curves of bare ITO electrode in 0.5 M Na₂SO₄ aqueous electrolyte with the current densities: (a) 5×10^{-6} A and (b) 5×10^{-5} A.