Supplementary Information

Surface Transfer n-Type Doping of Graphene Using WO3 Nanoparticles prepared without the use of hazardous chemicals

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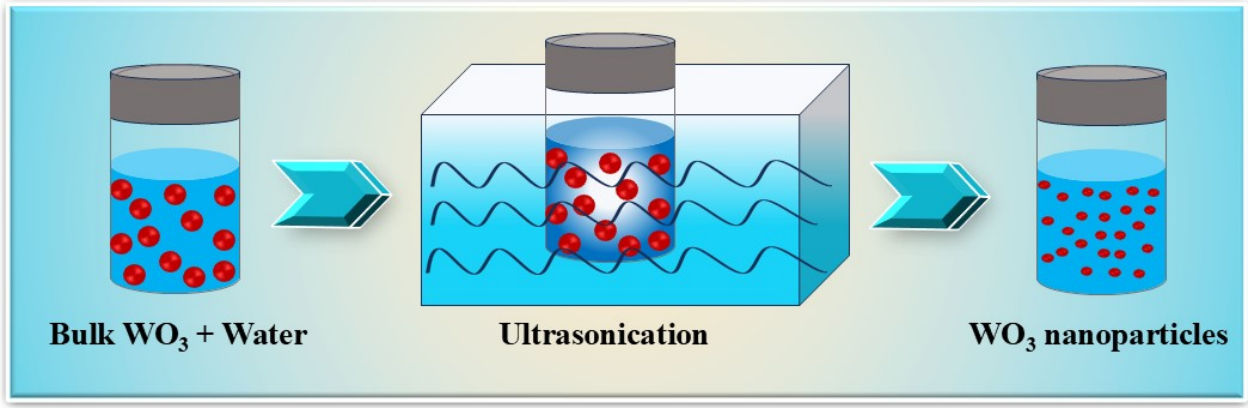

Figure S1. Schematic diagram for the preparation of the WO_3 nanoparticles.

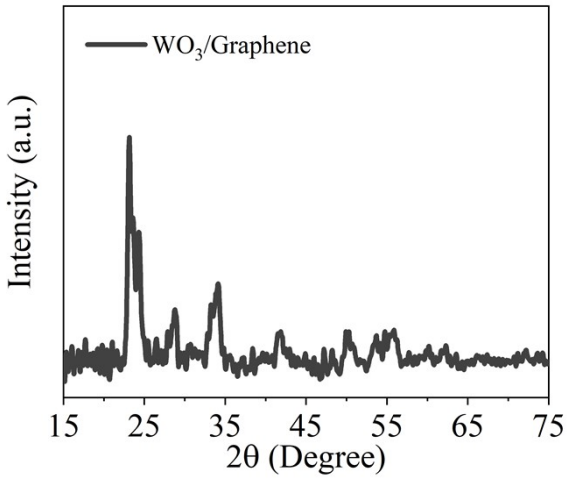

Figure S2. XRD pattern of WO_3 nanoparticles on graphene.

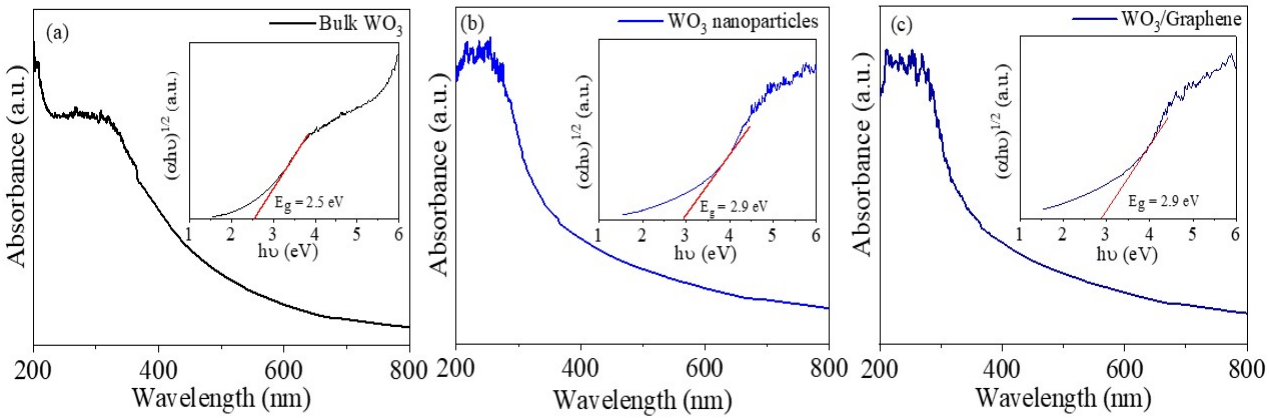

Figure S3. UV-Vis spectra of (a) bulk WO_3, (b) WO_3 nanoparticles, and (c) WO_3 nanoparticles on CVD graphene. Inset showing Tauc's plot of corresponding spectra.

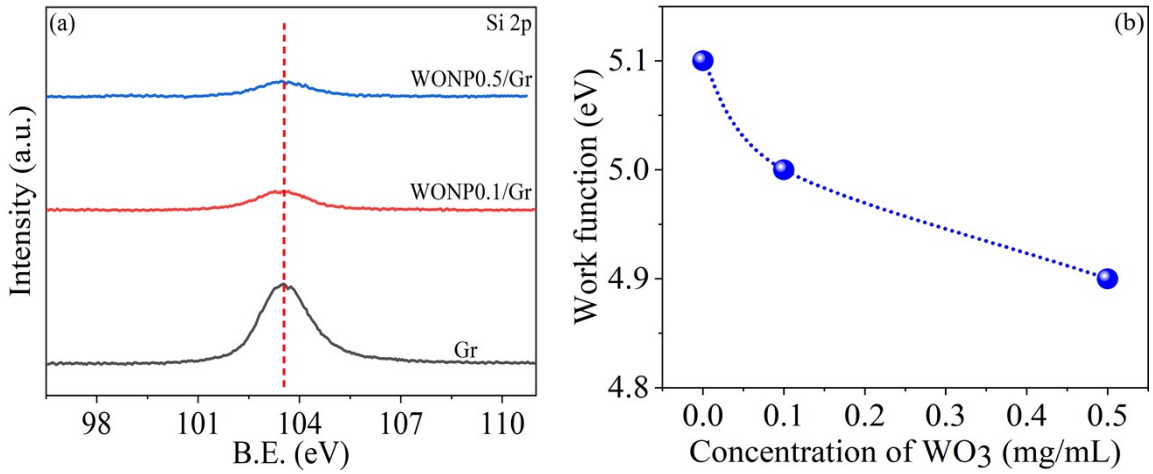

Figure S4. (a) Si 2p core level spectra of pristine graphene (Gr), 0.1 mg/mL WO_3 doped graphene (WONP0.1/Gr) and 0.5 mg/mL WO_3 doped graphene (WONP0.5/Gr). (b) Work function of graphene with increasing concentration of dopant (WO_3).