

Supporting Information

Electrosynthesis of graphene oxide/ polypyrene composite films and their applications for sensing organic vapours

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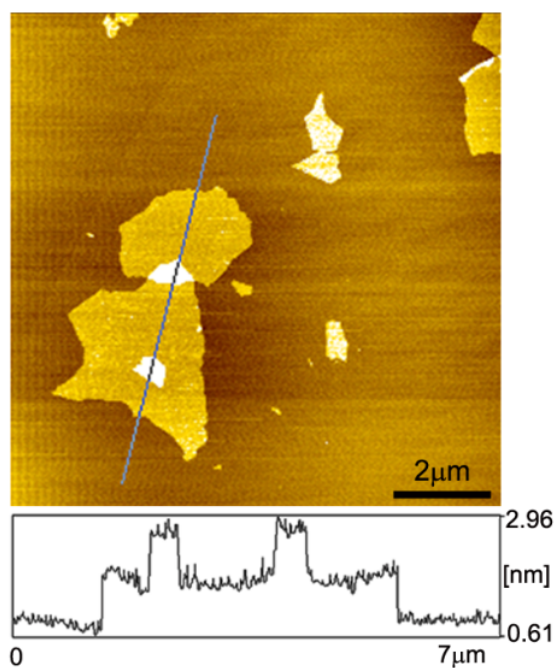


Fig. S1 Atomic force microscope (AFM) image of GO sheets deposited on a freshly cleaved mica surface with a height profile.

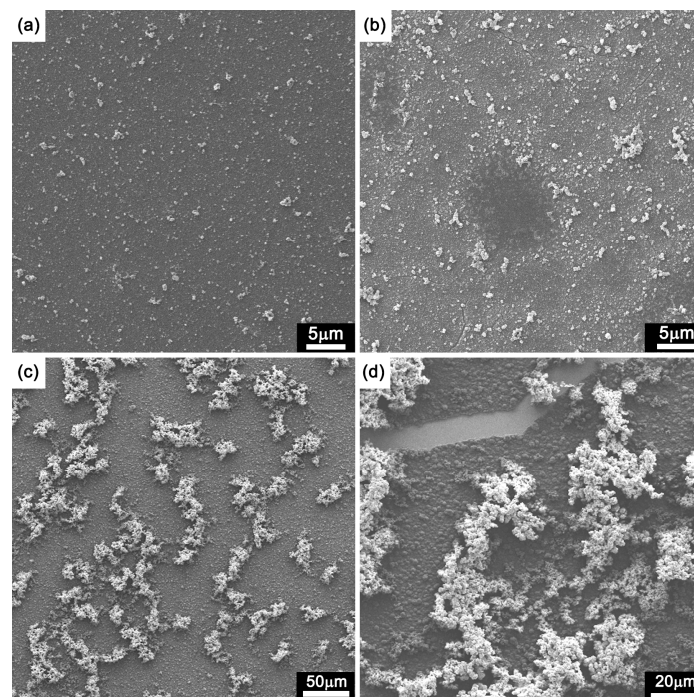


Fig. S2 SEM images of pure PPr film formed by electropolymerization for different charge densities: (a) 0.02; (b) 0.06; (c) 0.2; and (d) 0.6 C cm⁻².

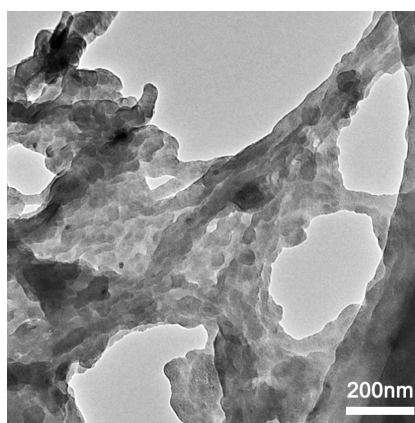


Fig. S3 TEM image of the GO/PPr composite film electrodeposited for a charge density of 1 C cm⁻².