Electronic Supplementary Material (ESI) for Journal of Materials Chemistry A

Supporting Information

High performance Pd nanocrystals supported on SnO_2-decorated graphene for aromatic nitro compound reduction

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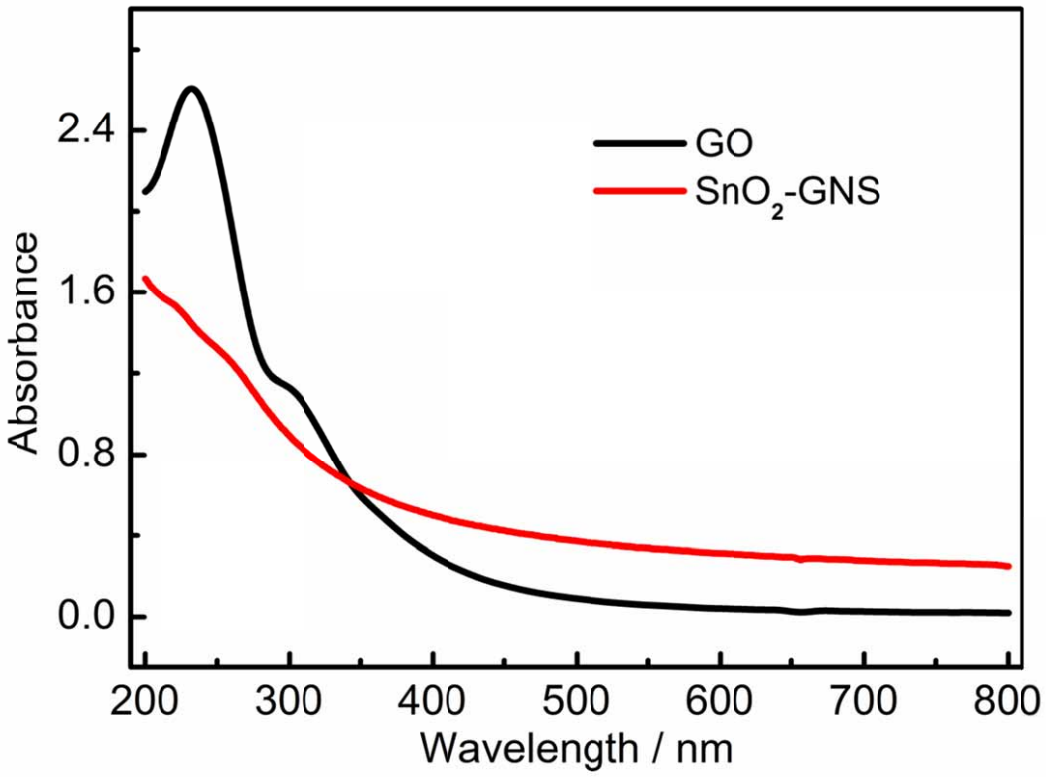

Fig. S1 The UV-vis absorption spectra of GO and the obtained SnO_2-GNS

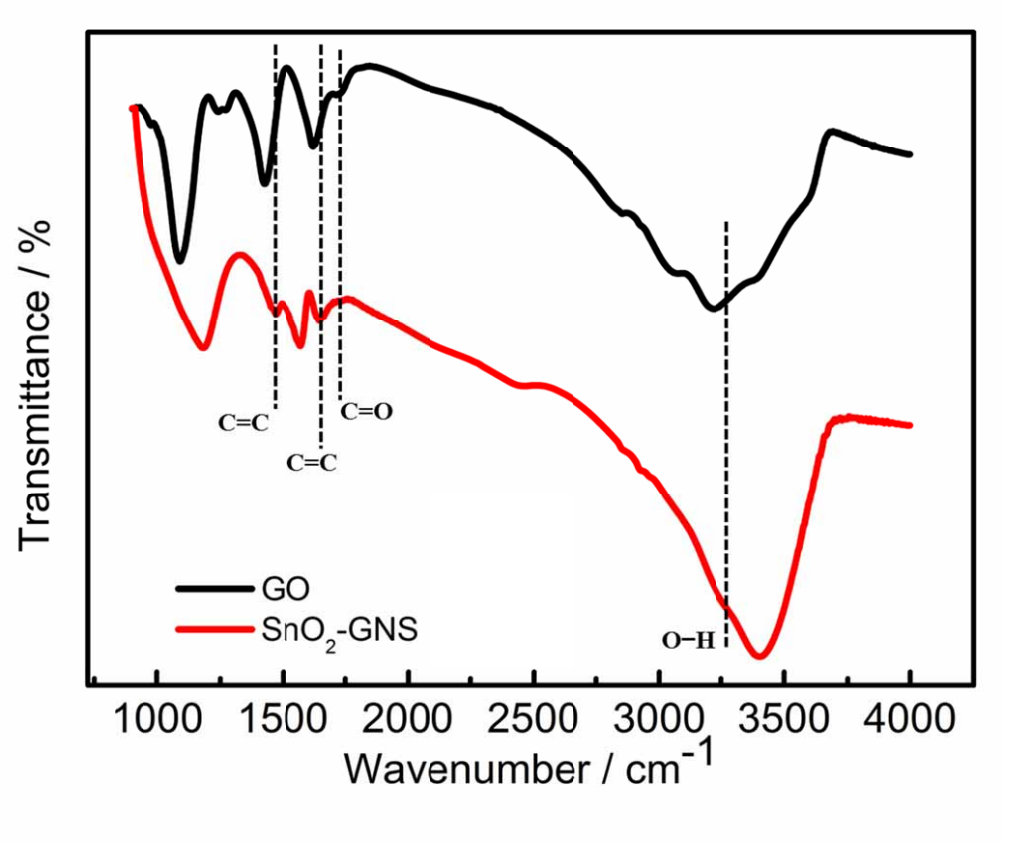

Fig. S2 The FTIR spectra of GO and the obtained SnO_2-GNS.

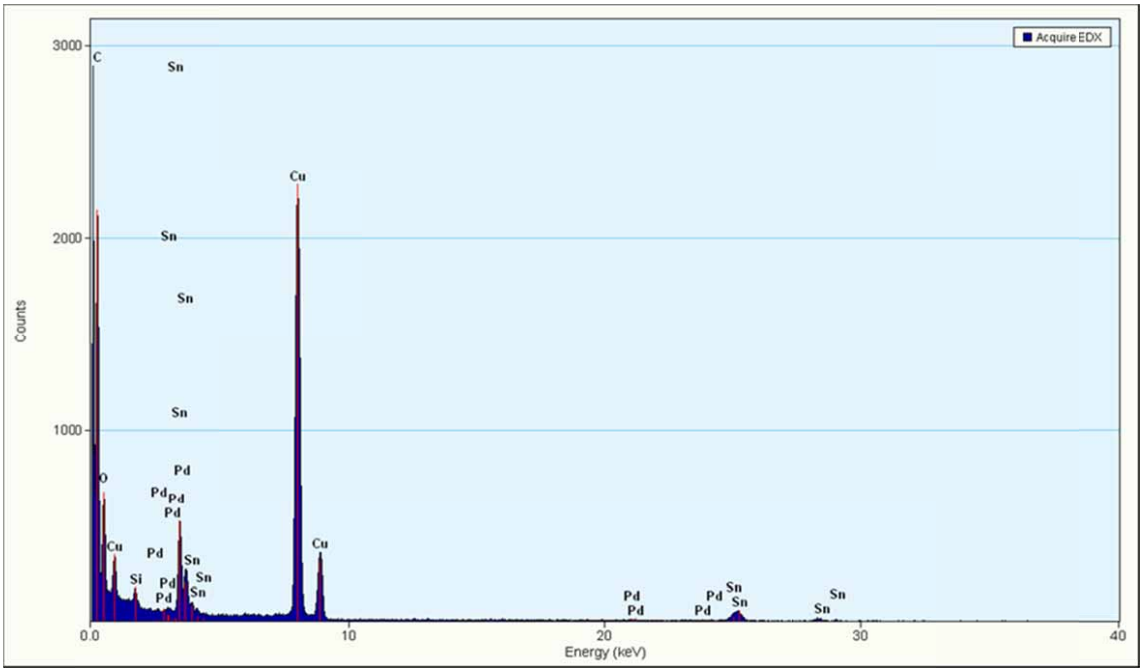

Fig. S3 Energy-dispersive X-ray image of PdNCs/SnO_2-GNS nanohybrid

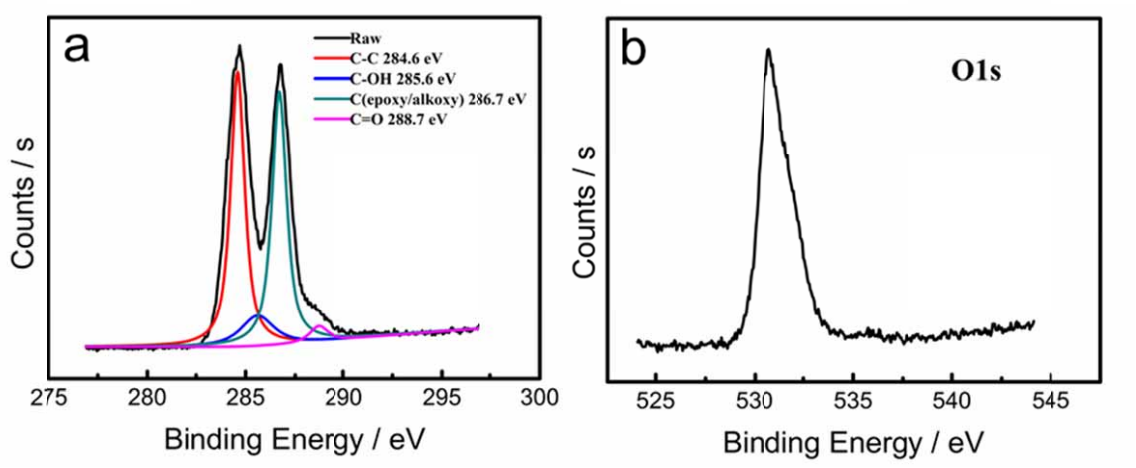

Fig.S4 (a) C 1s XPS spectra of GO. (b) O1s XPS spectra of the PdNCs/SnO_2-GNS.

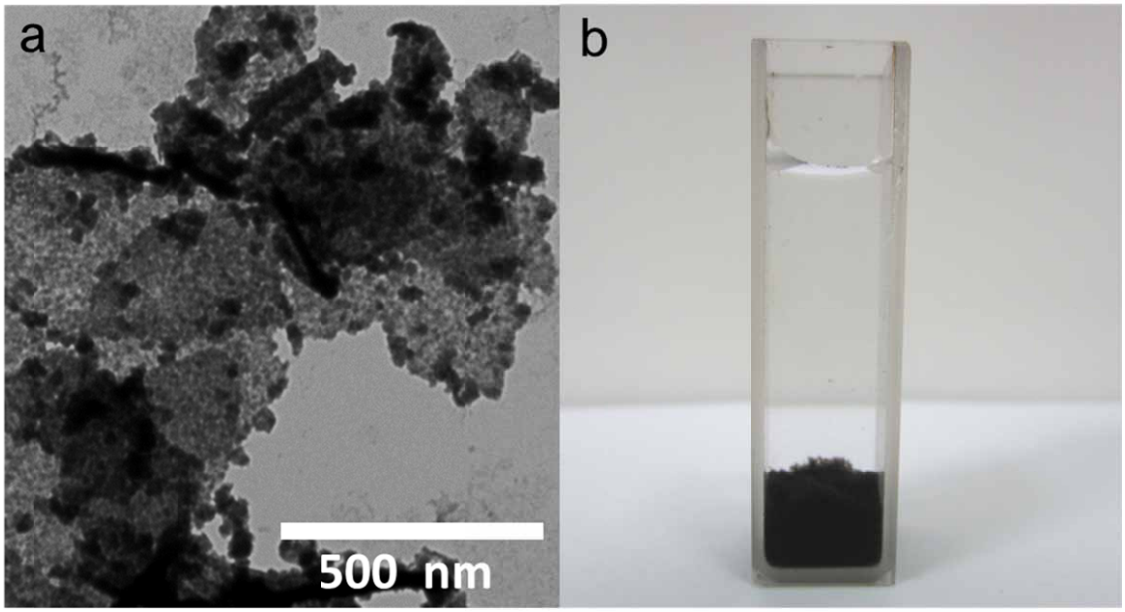

Fig. S5 (a) TEM image of SnO_2-GNS nanocomposites without PDDA noncovalent functionalization. (b) The digital photo of as-made SnO_2-GNS is obvious aggregation in the quartz cuvette.