

Electronic Supplementary Information

One-pot green synthesis of Ag nanoparticles-graphene nanocomposites and their applications in SERS, H₂O₂, and glucose sensing

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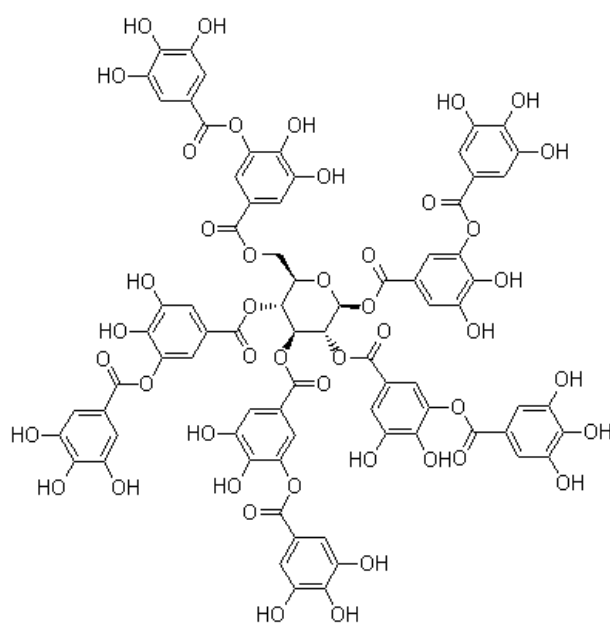


Fig. S1 Chemical structure of tannic acid (TA).

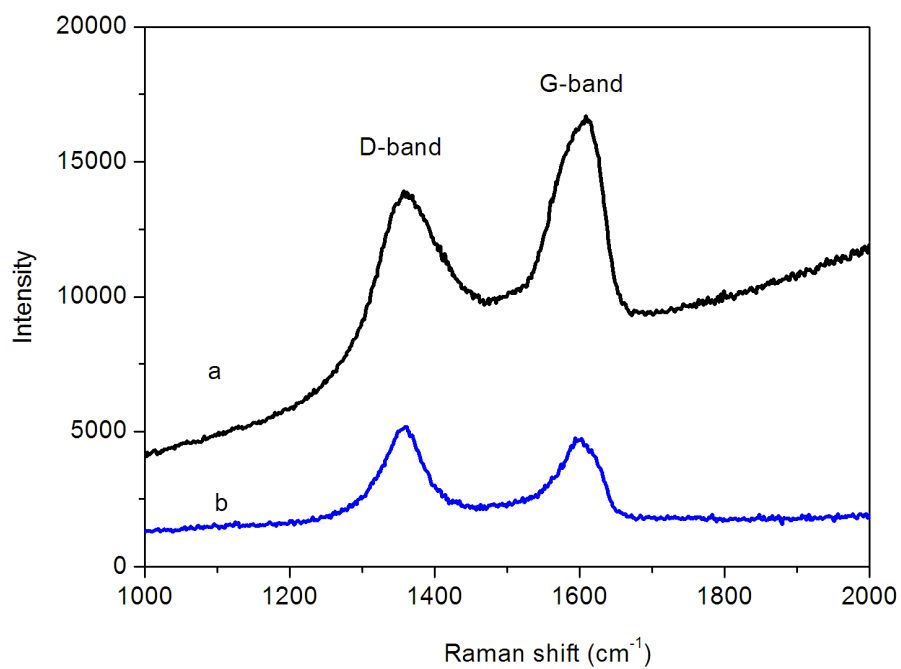


Fig. S2 Raman spectra of GO (a) and AgNPs-G nanocomposites (b) obtained by heating solution at 90°C for 1 h.

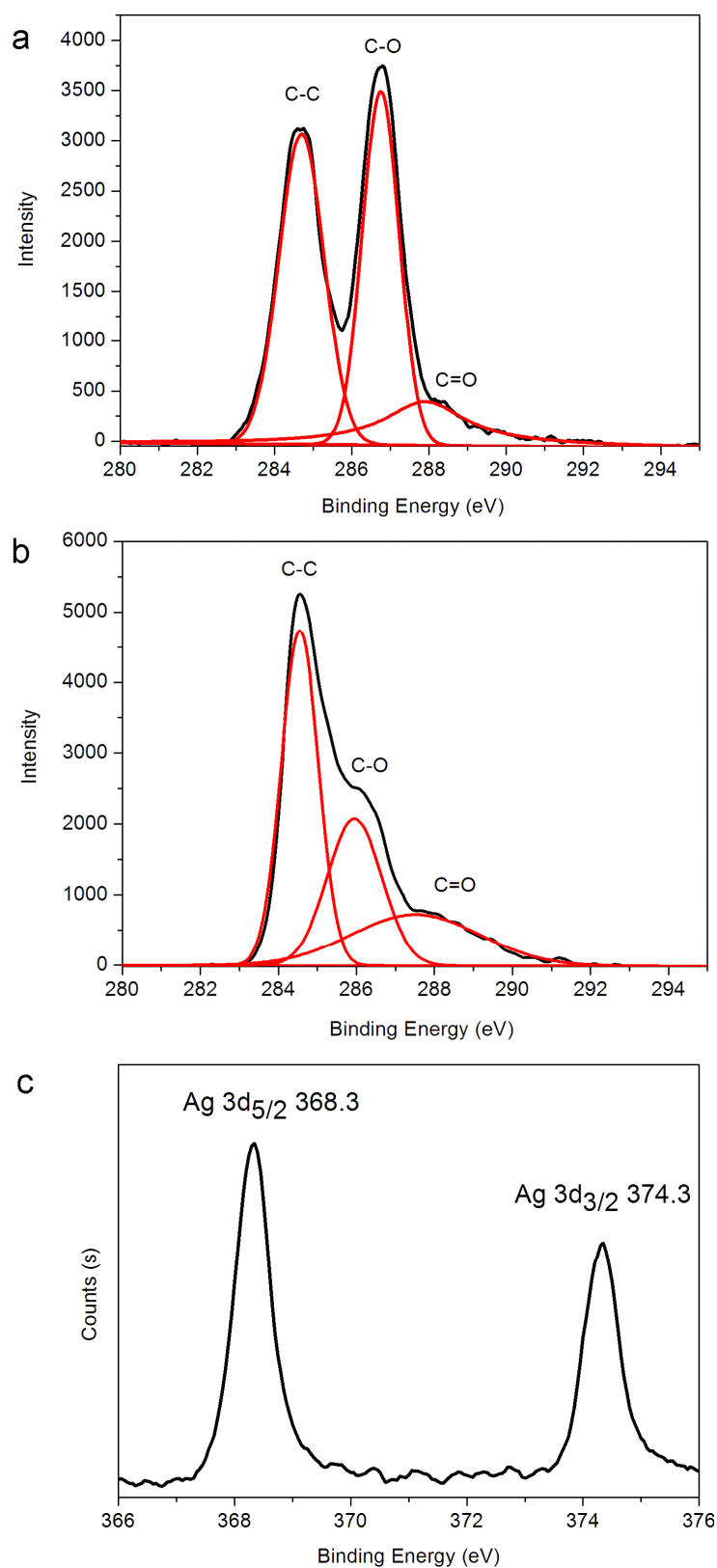


Fig. 3 C1s spectra of GO (a) and AgNPs-G nanocomposites (b); the Ag3d XPS spectrum of AgNPs-G nanocomposites (c).

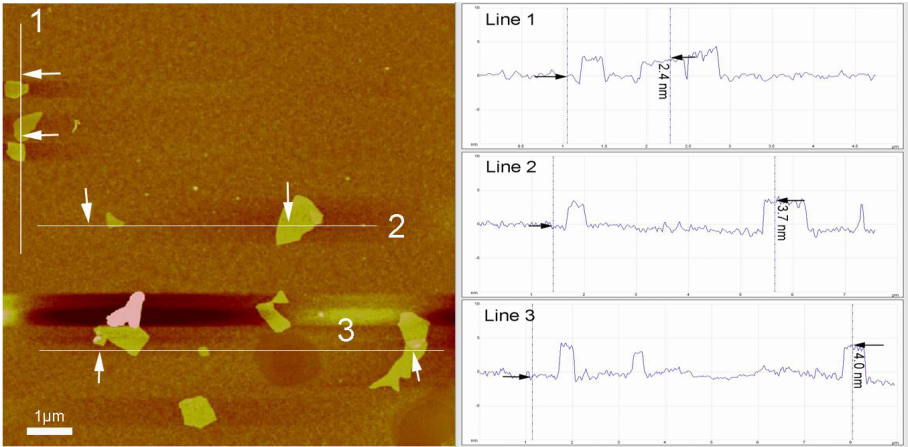


Fig. S4 AFM analysis of the TA-reduced graphene.