

Catalytic and Medical Potentials of Phyto-Functionalized Reduced Graphene Oxide-Gold Nanocomposite Using Willow-Leaved Knotgrass

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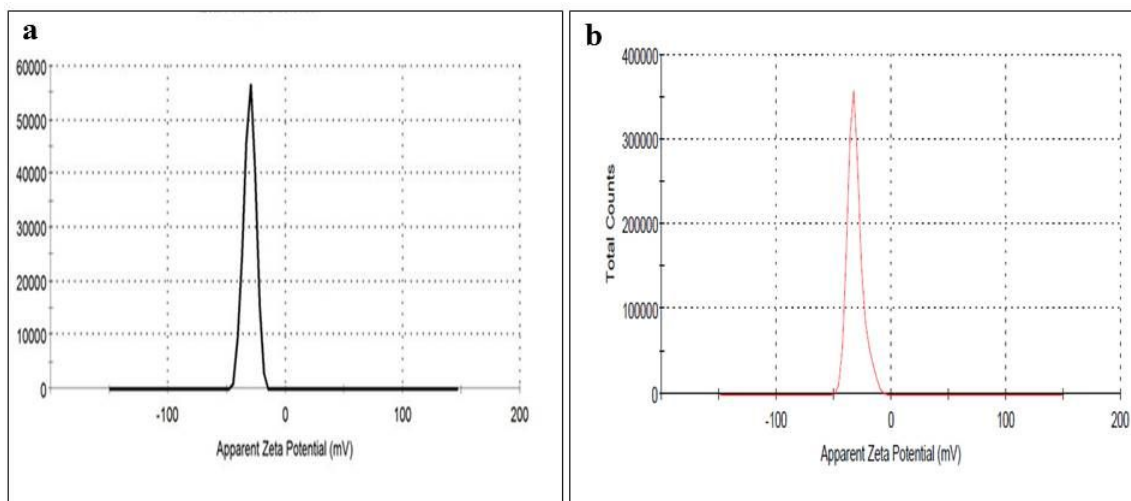


Figure. S1. Zeta potential of GO (a) and rGO-AuNPs (b).

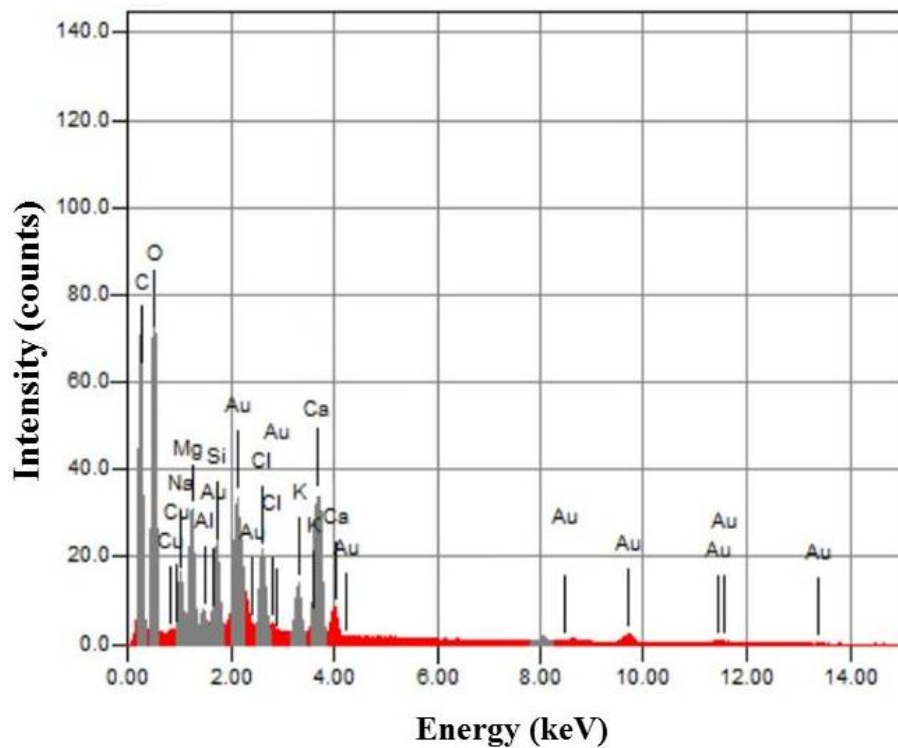


Figure. S2. EDX spectrum of rGO-AuNPs.

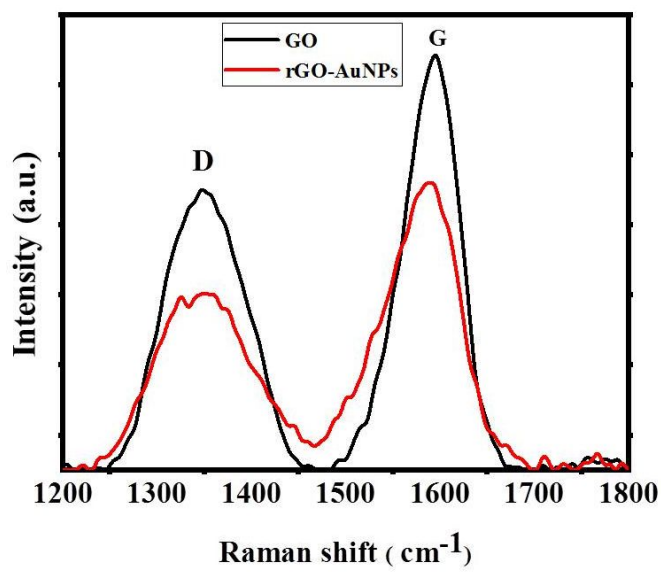


Figure. S3. Raman spectra of GO and rGO-AuNPs.

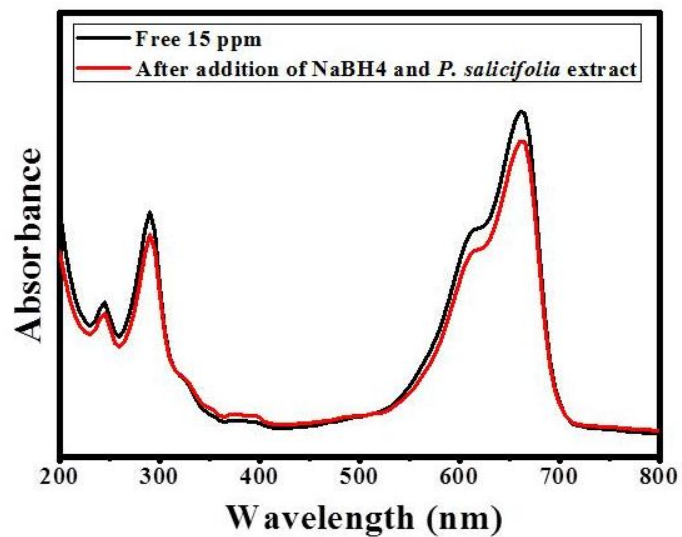


Figure. S4. Efficiency of *P. salicifolia* extract in MB (15 ppm) catalytic degradation.

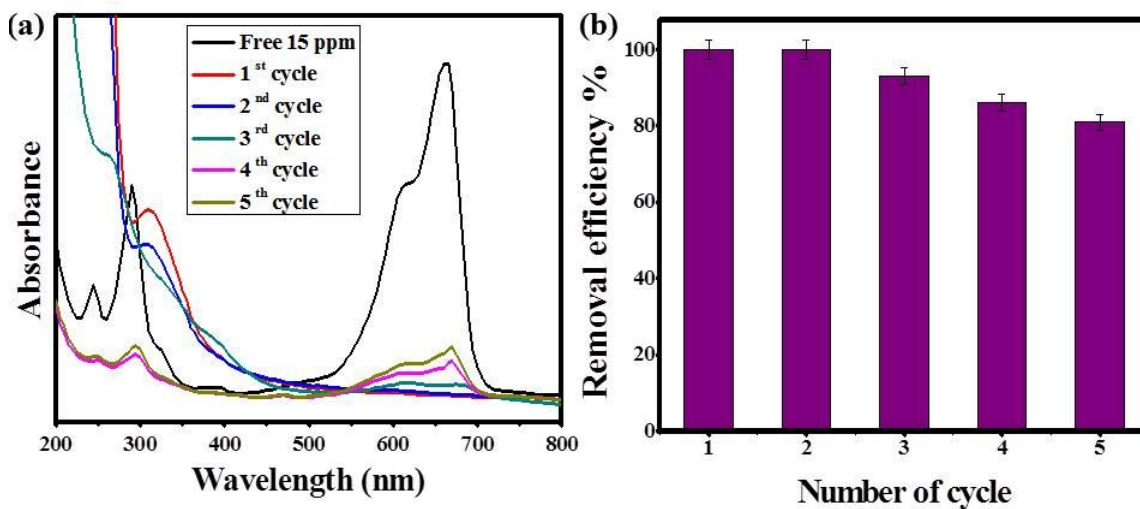


Figure S5. (a) Reusability of rGO-AuNPs in MB catalytic degradation **(b)** Removal percentage with number of cycles.