

Electronic Supplementary Information

Environmentally Sustainable Biogenic Fabrication of AuNPs decorated-graphitic g-C₃N₄ Nanostructures towards Improved Photoelectrochemical Performances

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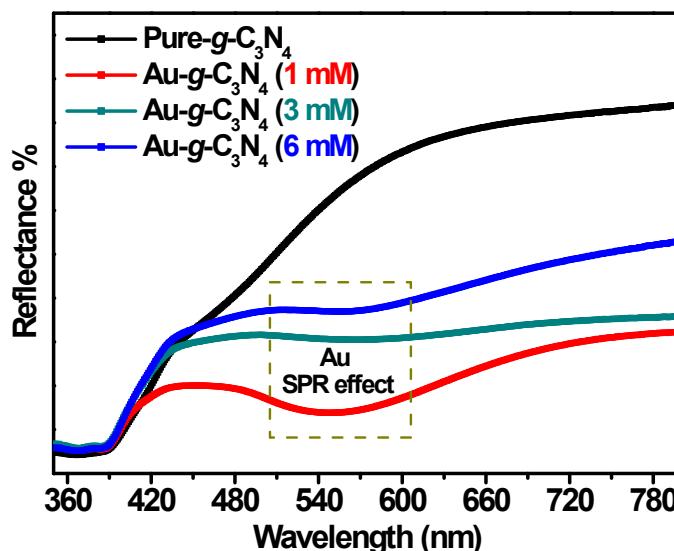
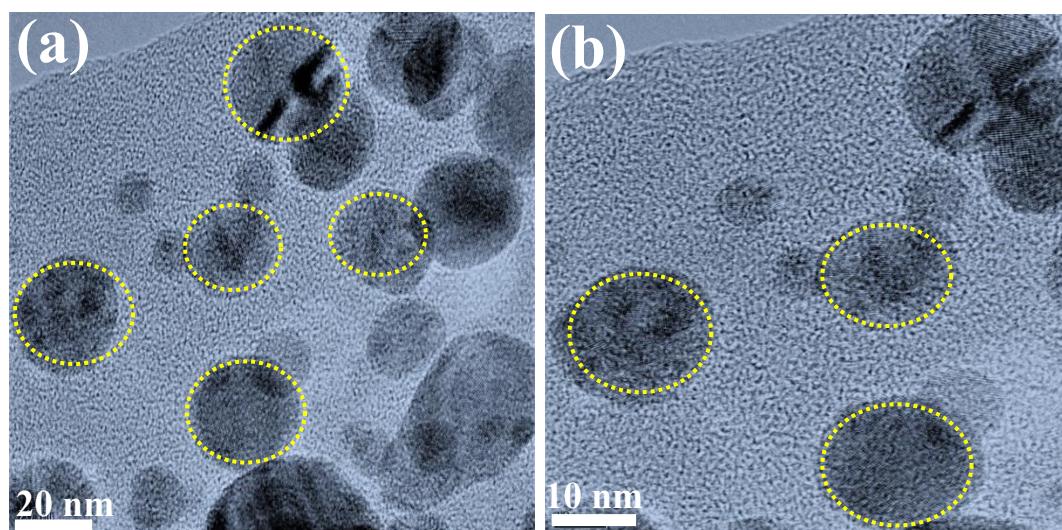


Fig. S1 Reflectance spectra of pure g-C₃N₄ and Au-g-C₃N₄ nanostructures.



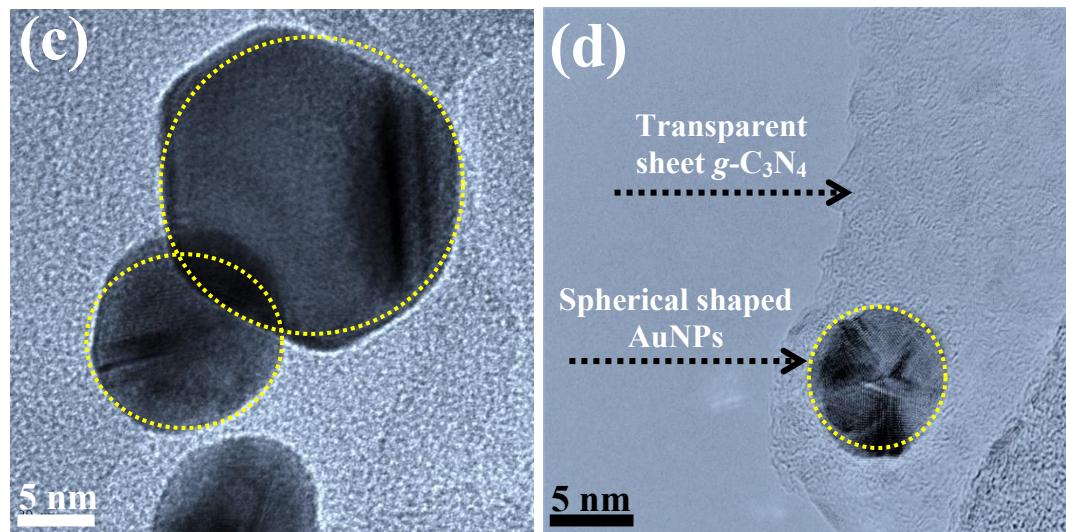


Fig. S2 HR-TEM images of Au- $g\text{-C}_3\text{N}_4$ nanostructures.

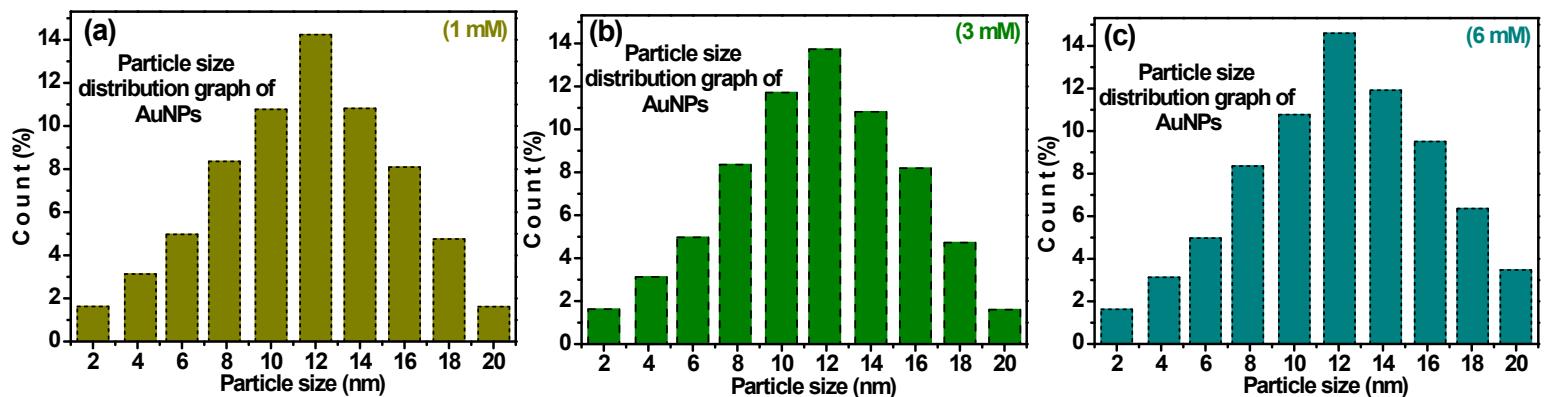


Fig. S3 (a, b and c) Particle size distribution graph of Au- $g\text{-C}_3\text{N}_4$ nanostructures.