

3D-flower like copper sulfide nanoflakes decorated carbon nanofragments modified glassy carbon electrode for simultaneous electrocatalytic sensing of co-existing hydroquinone and catechol

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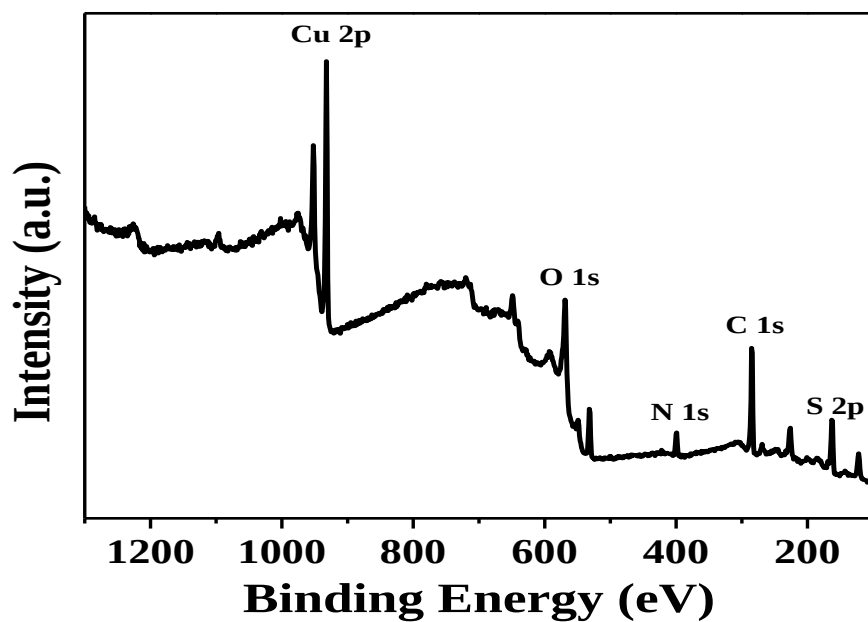


Fig. S1. XPS survey spectrum of CuS nanoflakes anchored CNF.

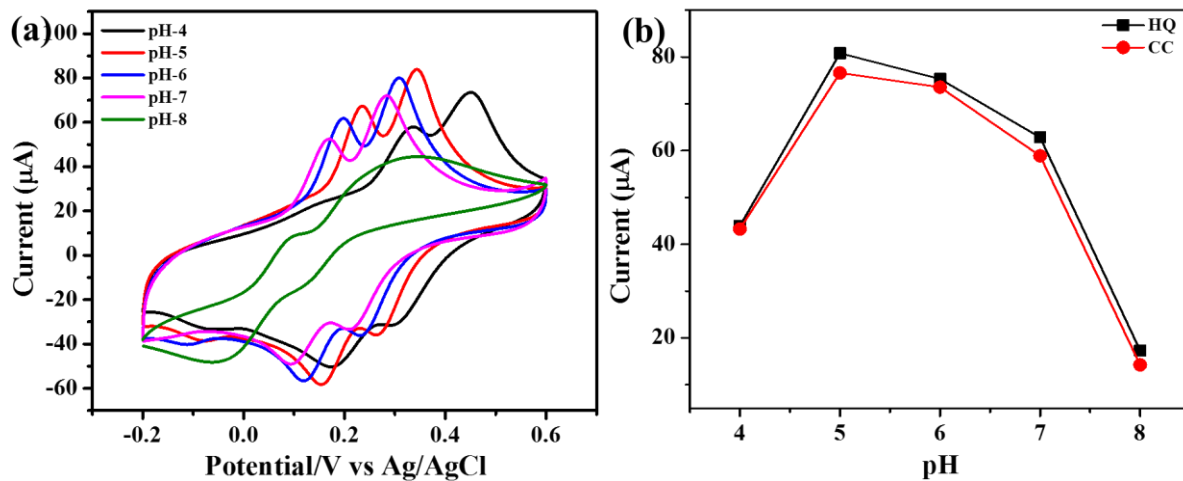


Fig. S2. a) CV curves, b) Current vs pH (DPV curve) of CuS-CNF/GCE in 0.1 M PBS containing 50 μ M of HQ and CC at different pH value.

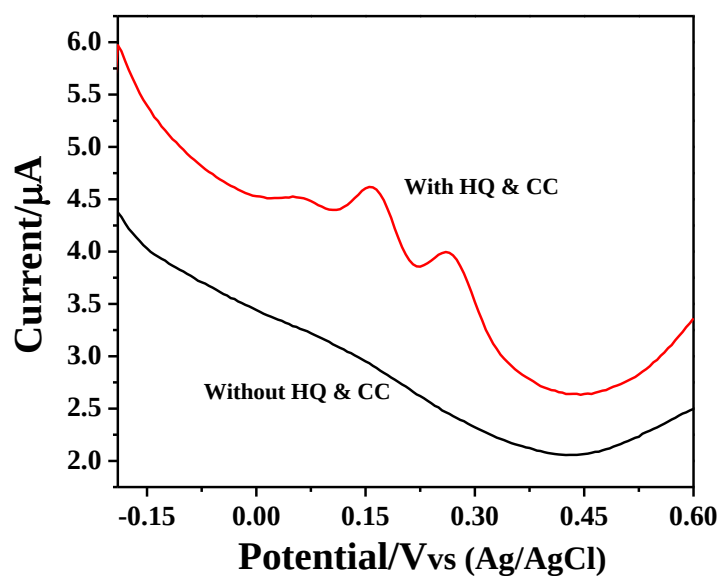


Fig. S3. Interference study of CuS-CNF/GCE in 0.1 M PBS containing 0.5 M of metal ions (Zn^{2+} , Na^+ , K^+ , NO_3^- , SO_4^{2-} , Cl^-) and organic compounds (ascorbic acid, glucose) with 50 mM of HQ and CC.”