

Electronic Supplementary Information

A simple route for preparation of well-stable CuO nanoparticles for enzymeless glucose detection

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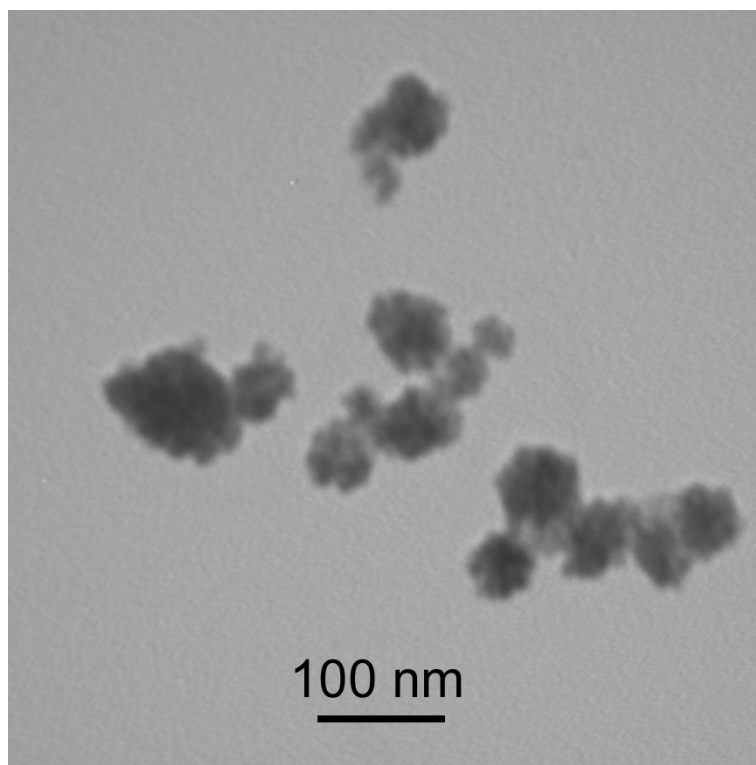


Fig. S1 TEM image of CuO nanoparticles obtained by heating aqueous $\text{Cu}(\text{OAc})_2$ and urea solution in the absence of PQ11.

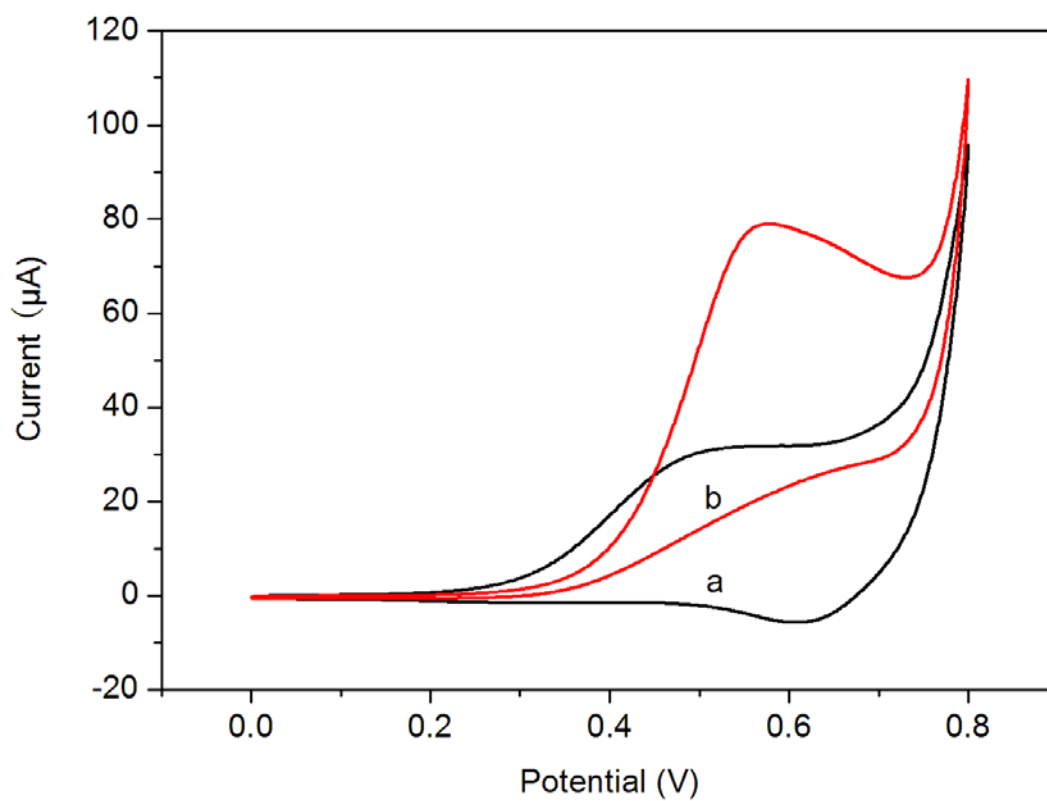


Fig. S2 CVs of CuO nanoparticles modified GCE (a: obtained in the absence of PQ11, b: obtained in the presence of PQ11) in 0.1 M NaOH in the presence of 1 mM of glucose (scan rate: 0.02 V/s).

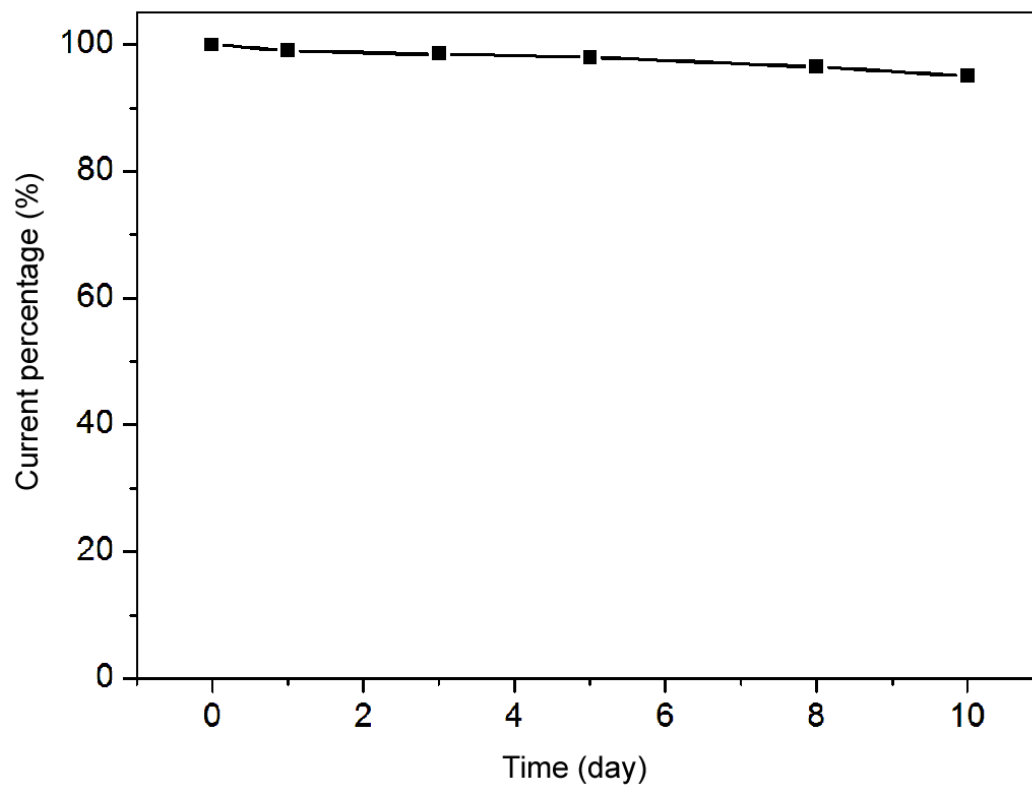


Fig. S3 The variation in the response current of the CuO/GCE toward 100 μ M glucose in 0.1 M NaOH for 10 days (scan rate: 0.02 V/s).