

Electronic Supporting Information (ESI)

One-step synthesis of novel Cu/polymer nanocomposites through a self-activated route and their application as nonenzymatic glucose sensor

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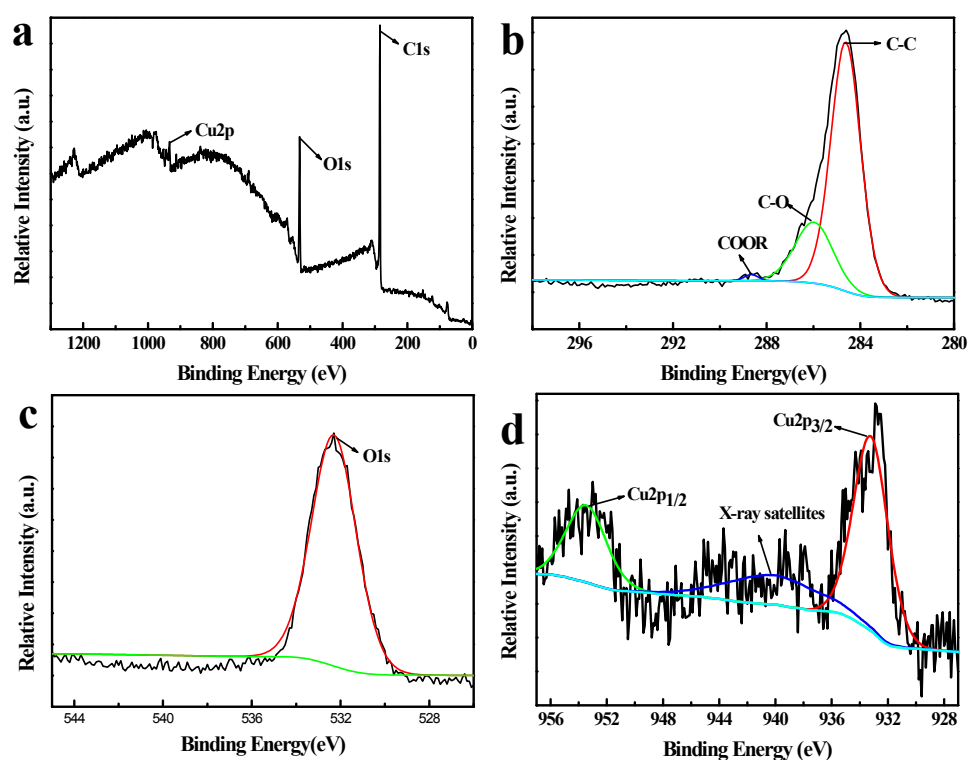


Figure S1 (a) Overall; (b) C1s; (c) O1s and (d) Cu2p spectra of the Cu@polymer nanocomposites.

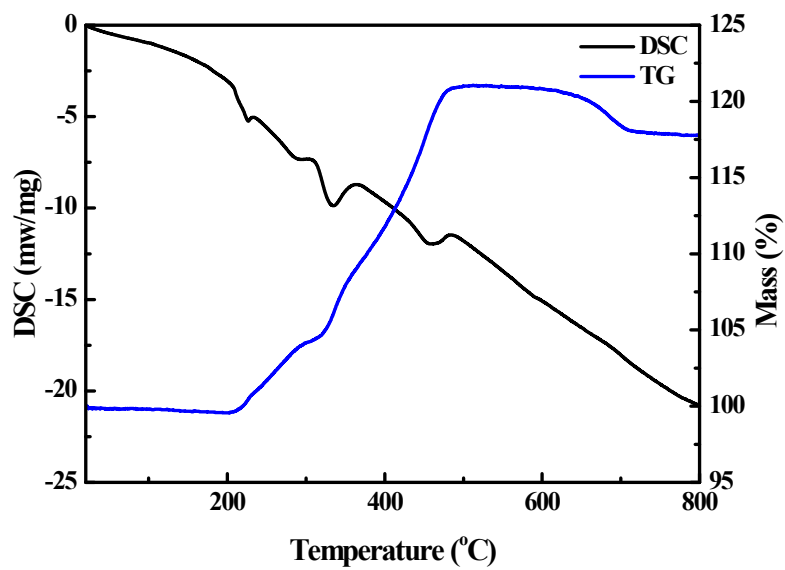


Figure S2 Thermogravimetric analysis (TG) and differential scanning calorimeter (DSC) curves of Cu@polymer nanocomposites in air with 10 °C/min heating rate.

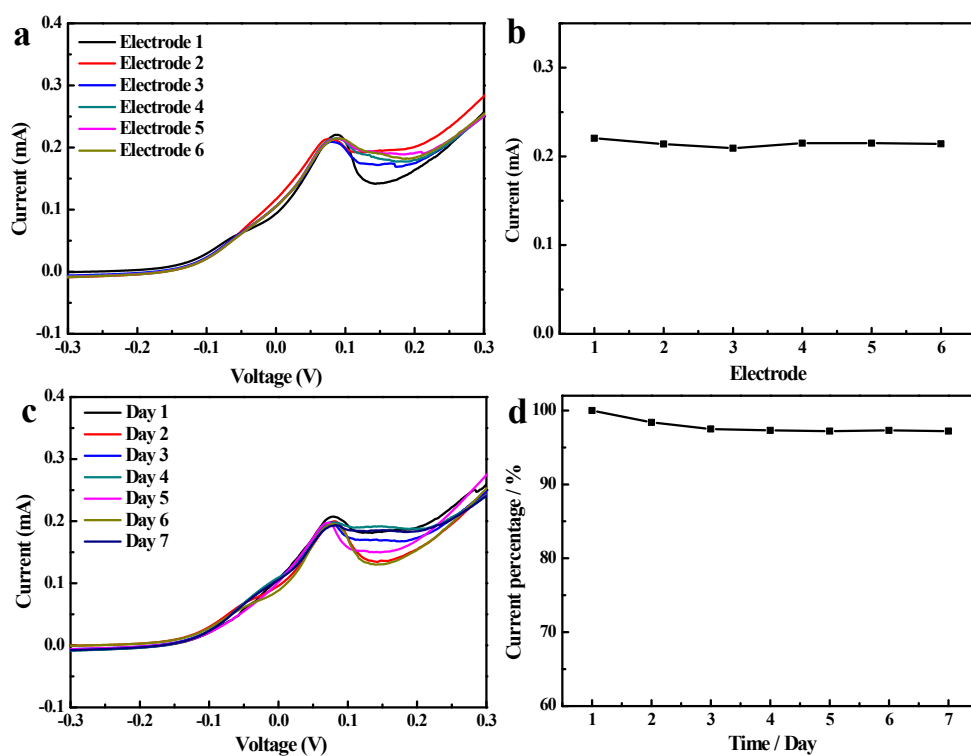


Figure S3 (a) CV curves and (b) Peak current of six parallel Cu/polymer-GCEs for detection of 1 mM glucose; (c) CV curves and (d) Stability of Cu/polymer-GCE for detection of 1 mM glucose for consecutive 7 days.

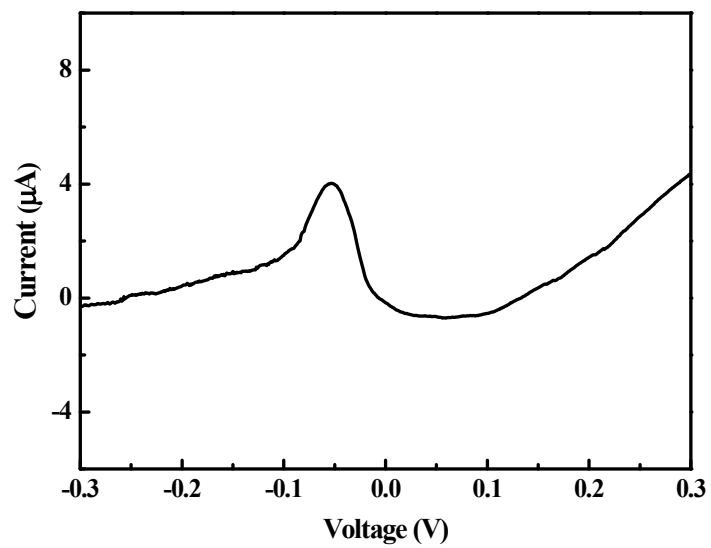


Figure S4 CV curve of Cu/polymer-GCE for detection glucose in serum samples