

## Construction of a selective non-enzymatic electrochemical sensor based on hollow nickel nanospheres/carbon dots-chitosan and molecularly imprinted polymer film for the detection of glucose

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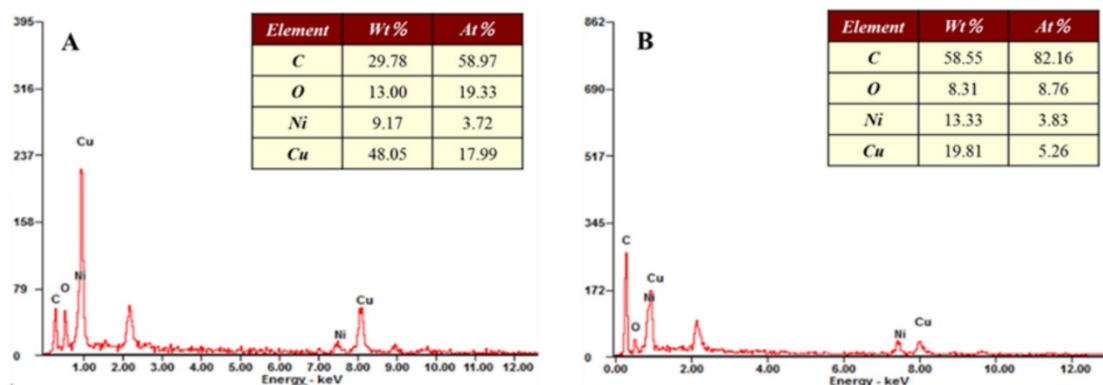


Fig. S1 EDX spectra of Ni-Cu alloy layer (A) and HNINS (B)

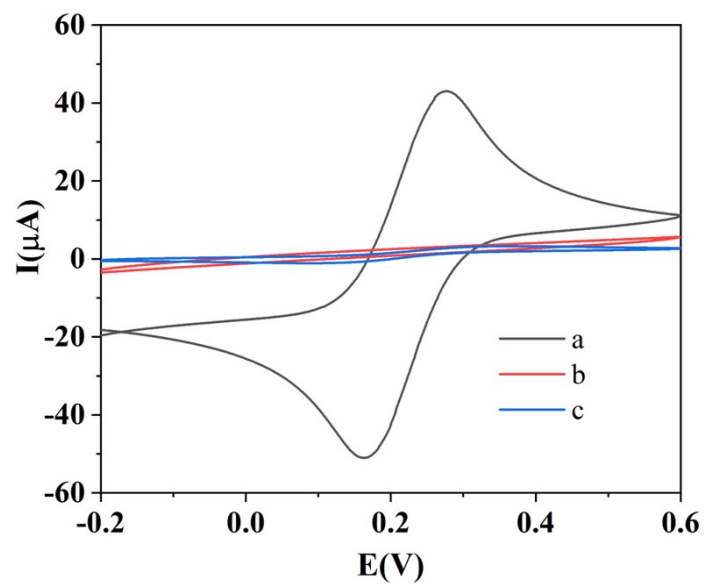


Fig. S2 CV curves of bare GCE (a), NIP before (b) and after elution (c)

Table S1 The Rct values of the modification of the electrode

Modified electrode	Rct ( $\Omega$ )
(a) Bare GCE	1050
(b) HNiNS/GCE	128.9
(c)HNiNS/CDs-CS/GCE	25.53
(d)HNiNS/CDs-CS/MIP/GCE before the extraction of glucose	18120
(e) HNiNS/CDs-CS/MIP/GCE after extraction of glucose	523.3
(f) HNiNS/CDs-CS/MIP/GCE after rebinding of glucose	8544