

Electronic Supplementary Material

A facial fabrication of hierarchical ZIF-8/MWCNTs nanocomposite for the sensitive determination of rutin

Danfeng Qin^{a,b,†}, Tianhao Li^{a,†}, Xuenuan Li^a, Jun Feng^{a,b}, Tingfan Tang^a, Hao Cheng^{a,*}

a. Guangxi Key Laboratory of Green Processing of Sugar Resources, College of Biological and Chemical Engineering, Guangxi University of Science and Technology, Liuzhou 545006, Guangxi province, P.R. China.

b. School of Medicine Guangxi University of Science and Technology, Liuzhou 545006, Guangxi province, P.R. China.

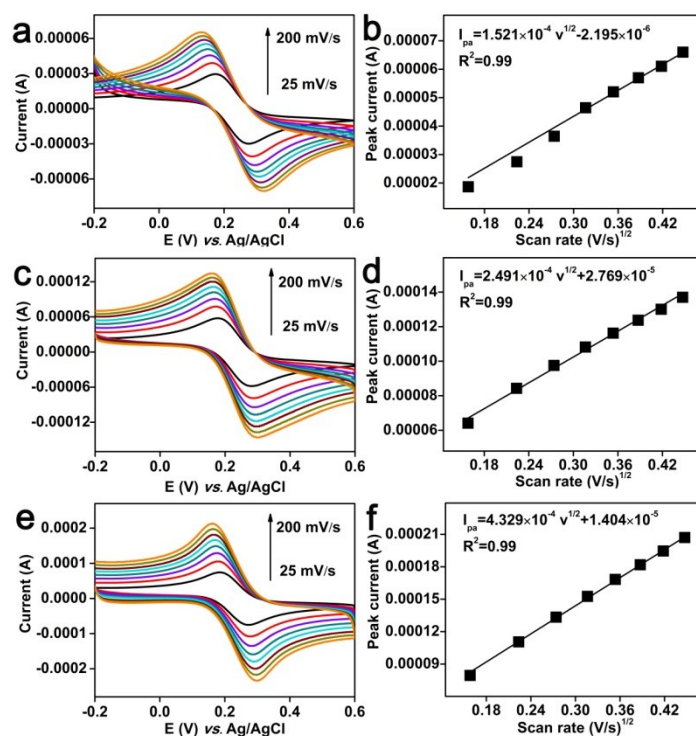


Figure S1 CV of (a) bare GCE, (c) MWCNTs/GCE, (e) ZIF-8/MWCNTs/GCE in 5 mM [Fe(CN)₆]^{3-/4-} containing 0.1 M KCl. ($v = 25, 50, 100, 125, 150, 175,$ and 200 mV/s). The corresponding calibration curves of (b) bare GCE, (d) MWCNTs/GCE, (f) ZIF-8/MWCNTs/GCE, respectively.