

Support Information

Au NPs-Ni(OH)₂-Cu Nanocomposites Enhanced Electrochemical Properties for Detection of H₂O₂

Xiaojun Zhang^{a,*}, Yan Huang^a, Liutao Yu^a, Guangfeng Wang^{a,b}, Bin Fang^a

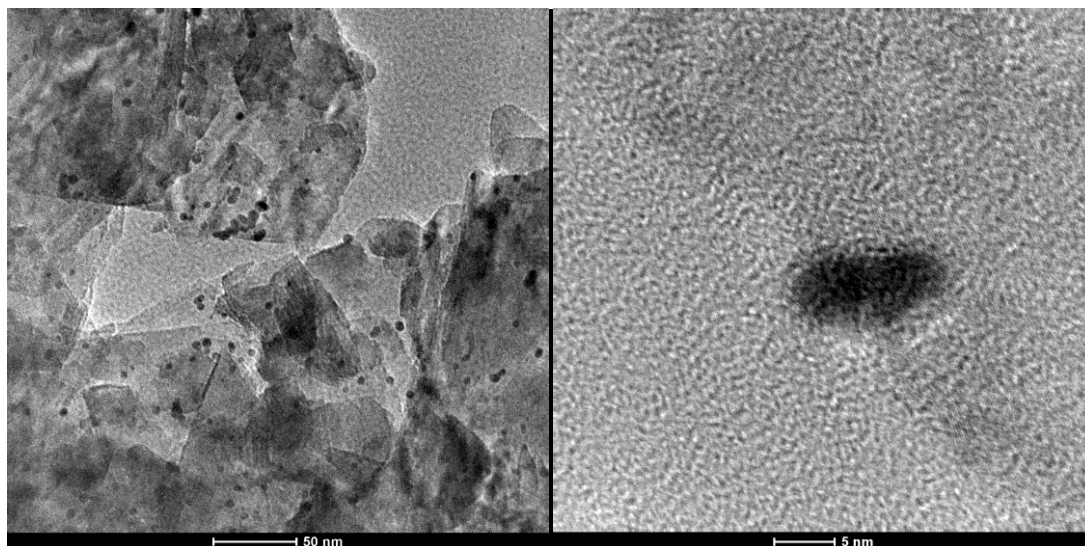


Figure S1 TEM images of Au NPs-Ni(OH)₂-Cu nanocomposites

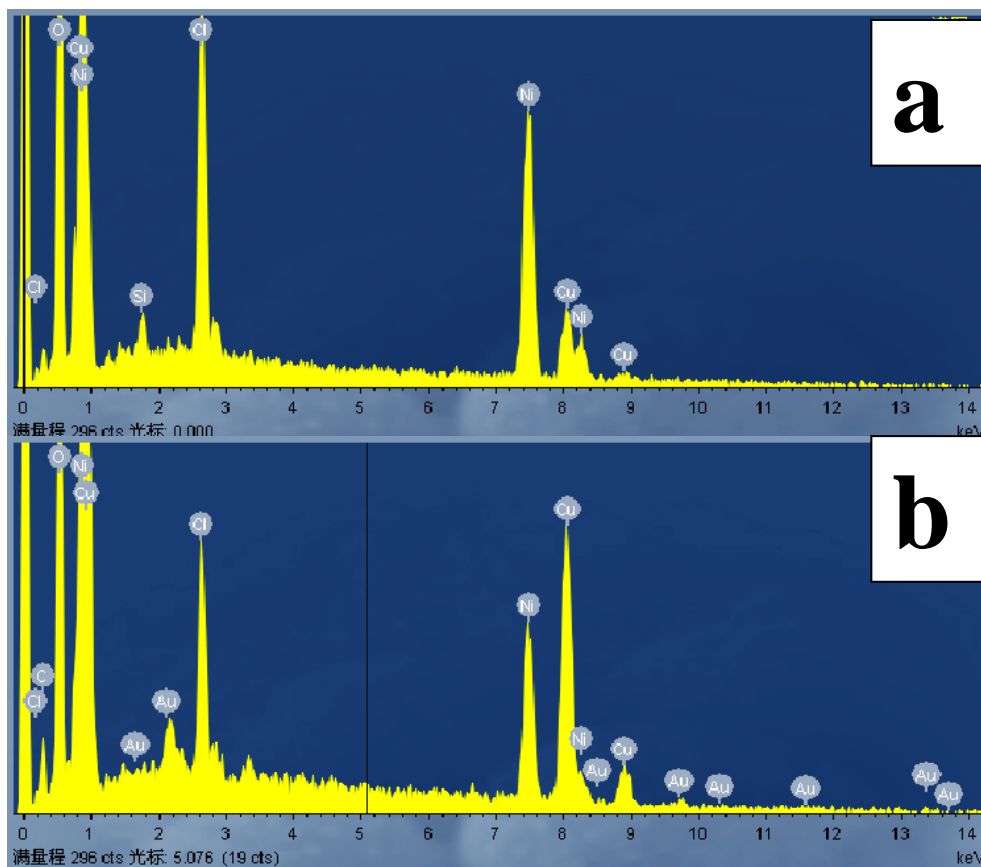


Figure S2 EDS images of Ni(OH)₂-Cu nanocomposite (a) and Au NPs- Ni(OH)₂-Cu nanocomposite (b).

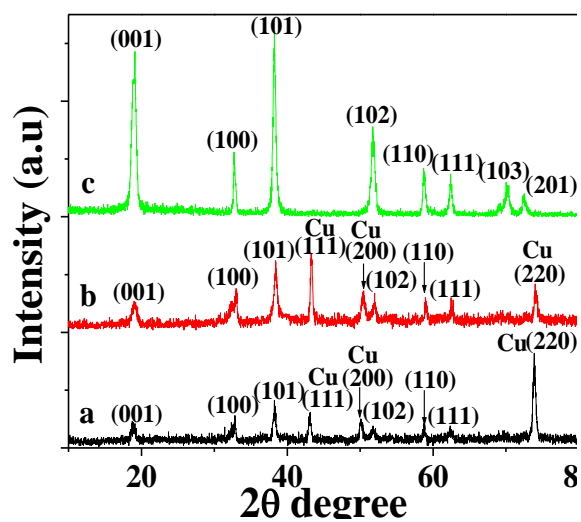


Figure S3 XRD pattern of Ni(OH)₂-Cu nanocomposite (a), Au NPs-Ni(OH)₂-Cu nanocomposite (b) and Ni(OH)₂ nanoplates (c).

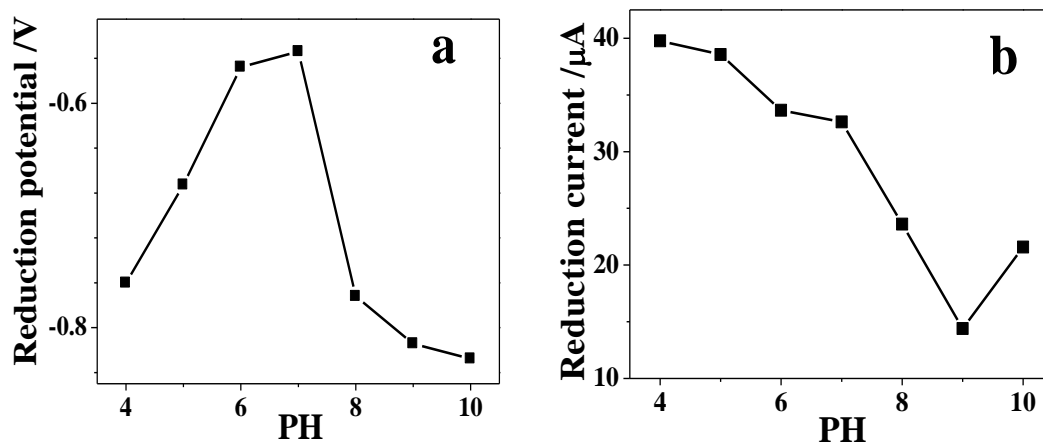


Figure S4 Plots of the oxidation potential (a) and oxidation current (b) of 0.5 mM H₂O₂ at the Au NPs–Ni(OH)₂–Cu/GCE at different pH values (4.0–10.0). The scan rate was 100 mVs⁻¹