Support Information

Au NPs-Ni(OH)$_2$-Cu Nanocomposites Enhanced Electrochemical Properties for Detection of H$_2$O$_2$

Xiaojun Zhang$^{a,*}$, Yan Huang$^a$, Liutao Yu$^a$, Guangfeng Wang$^{ab}$, 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 H$_2$O$_2$ at the Au NPs–Ni(OH)$_2$–Cu/GCE at different pH values (4.0-10.0). The scan rate was 100 mVs$^{-1}$. 