

Defect Surface Engineering of Hollow NiCo_2S_4 Nanoprisms towards Performance-Enhanced Non-Enzymatic Glucose Oxidation

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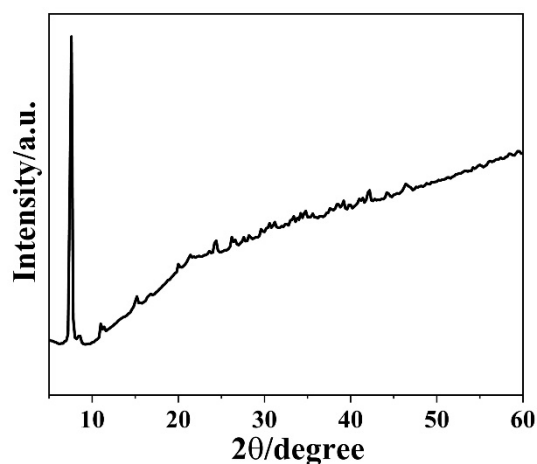


Figure S1. XRD pattern of Co/Ni precursors.

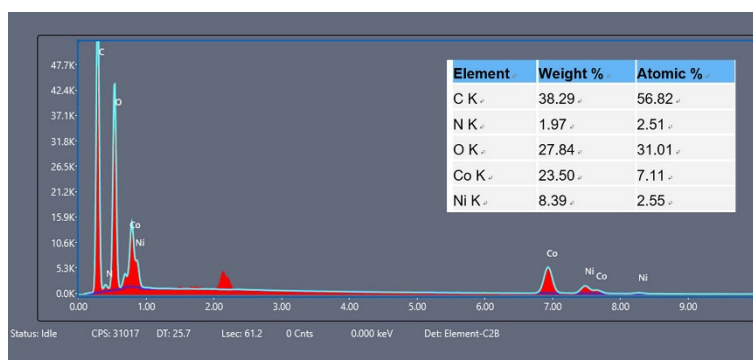


Figure S2. EDS spectrum of Co/Ni precursors.

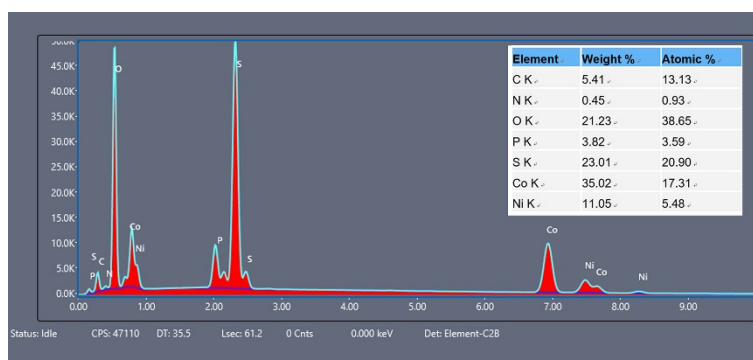


Figure S3. EDS spectrum of the P- NiCo_2S_4 HNPs.

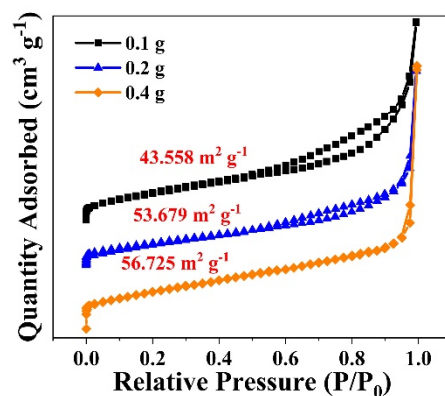


Figure S4. N₂ adsorption/desorption isotherms of P-NiCo₂S₄/ITO with different amounts of NaH₂PO₄.

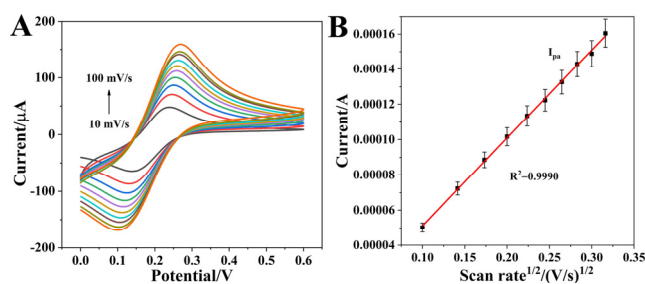


Figure S5. (A) CVs of P-NiCo₂S₄/ITO in 5 mM K₃Fe(CN)₆ solution containing 0.1 M KCl at different scan rates. (B) The linear plot of I_p vs. $v^{1/2}$ of P-NiCo₂S₄/ITO.

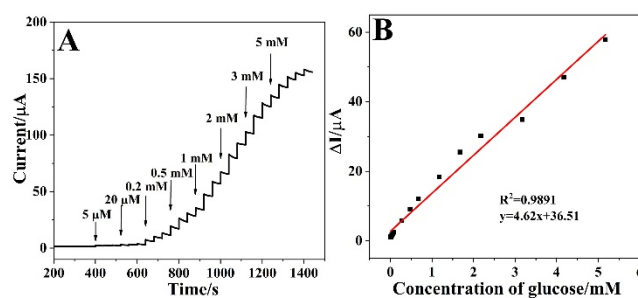


Figure S6. (A) Amperometric response of P-NiCo₂S₄/ITO with successive addition of glucose at 0.4 V in 0.2 M NaOH in healthy human serum samples. (B) The corresponding calibration curve of the glucose sensor.