

## Supplementary Information

### **A new sensing platform based on a ternary nanocomposite of graphitic carbon nitride-silver sulfide-nickel molybdate for quercetin determination**

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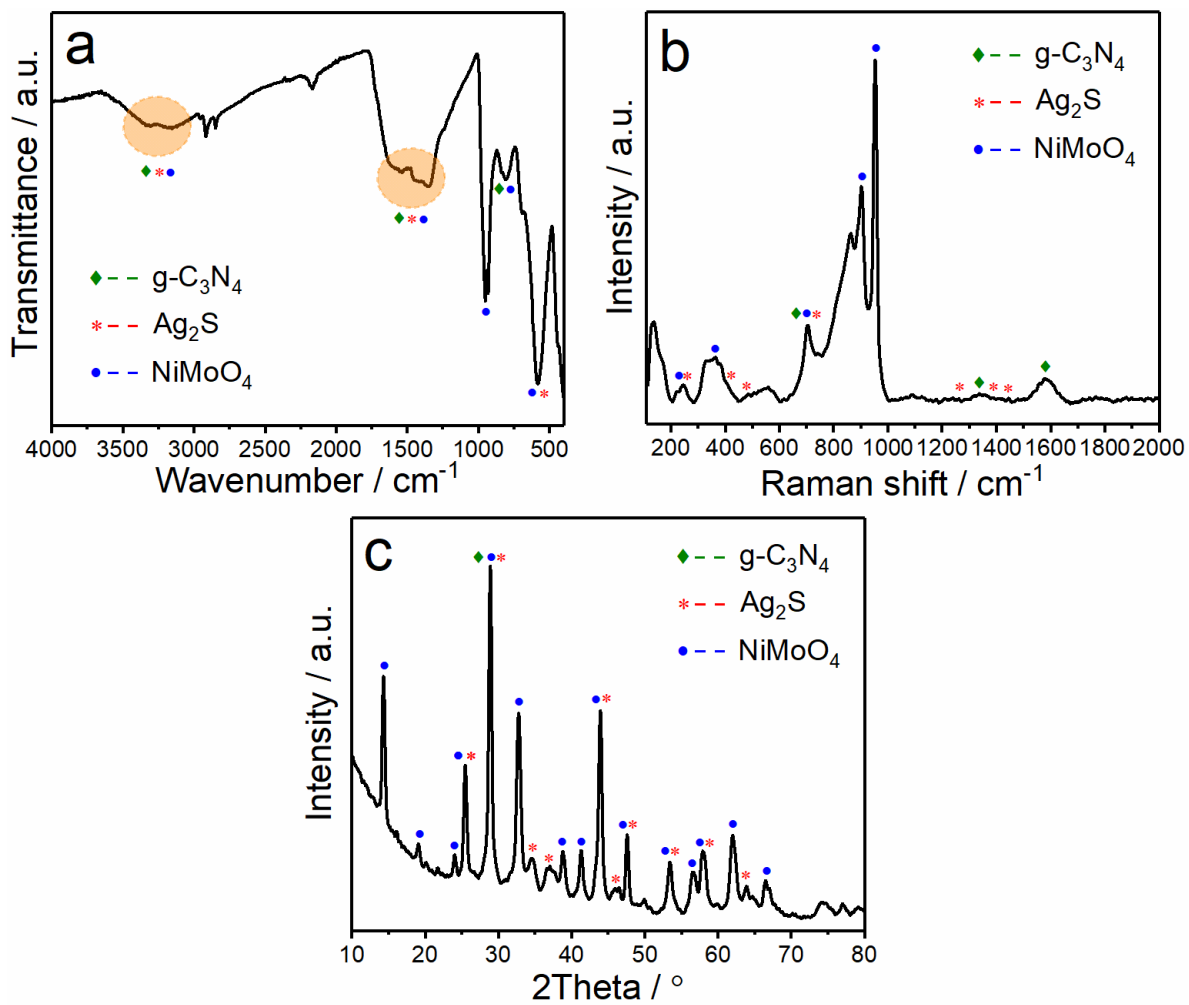
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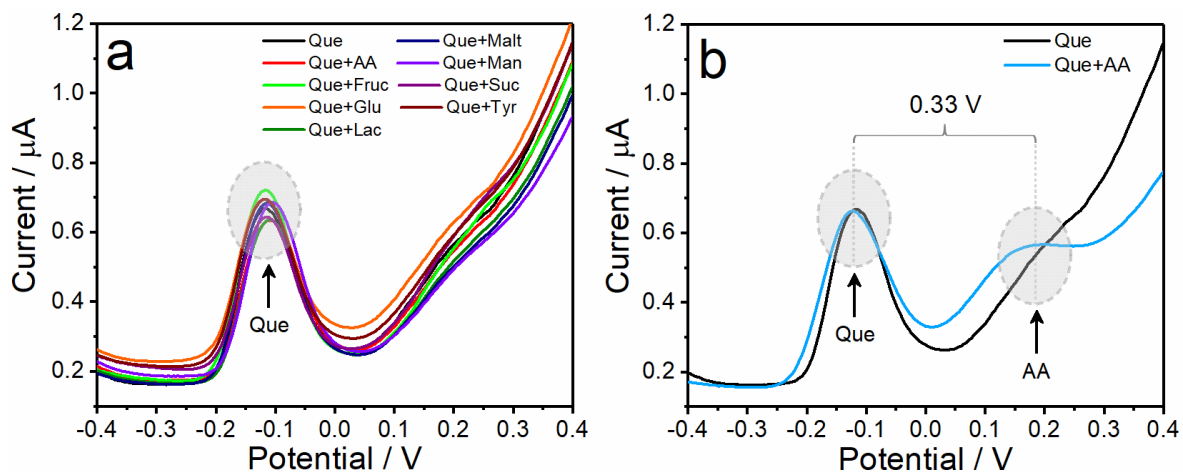
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†Electronic supplementary information (ESI) available: FT-IR, Raman, XRD analysis of Ag<sub>2</sub>S-NiMoO<sub>4</sub>-g-C<sub>3</sub>N<sub>4</sub> composite, DPVs of Que + interfering substances at Ag<sub>2</sub>S-NiMoO<sub>4</sub>-g-C<sub>3</sub>N<sub>4</sub>/SPE.





**Fig. S1.** FT-IR (a), Raman (b), and XRD (c) analysis of  $\text{Ag}_2\text{S-NiMoO}_4\text{-g-C}_3\text{N}_4$  composite.



**Fig. S2.** (a) DPVs of  $\text{Ag}_2\text{S-NiMoO}_4\text{-g-C}_3\text{N}_4/\text{SPE}$  in the presence of only 5  $\mu\text{M}$  Que and 5  $\mu\text{M}$  Que + 100  $\mu\text{M}$  interfering substances (CA, Fruc, Glu, Lac, Malt, Man, Suc, and Tyr). (b) DPVs of  $\text{Ag}_2\text{S-NiMoO}_4\text{-g-C}_3\text{N}_4/\text{SPE}$  in the presence of only 5  $\mu\text{M}$  Que and Que 5  $\mu\text{M}$  Que + 100  $\mu\text{M}$  AA.