Supporting Information

Synthesis and characterization of CuO@S-doped g-C₃N₄ based nanocomposites for binder-free sensor applications

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Figure S1: (a) XPS survey of g-C₃N₄; (b) XPS survey of S-doped g-C₃N₄; and high resolution spectra of the constituent elements for: (c) C 1s, (d) N 1s, (e) O 1s, and (f) S 2p of S-doped g-C₃N₄.



Figure S2: High resolution spectra of the constituent elements S 2p, C 1s, N 1s, O 1s, and Cu 2p of CuO@S-doped g-C₃N₄ nanocomposites.



Figure S3. Photographs of (a) glassy carbon electrode, and (b) the CuO@S-doped $g-C_3N_4$ nanocomposites modified glassy carbon electrode (*see the top side of the electrodes*)