

Supporting Information

for

Biomolecule-assisted synthesis of carbon nitride and sulfur-doped carbon nitride heterojunction nanosheets: An efficient heterojunction photocatalyst for photoelectrochemical applications

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Additional experimental data

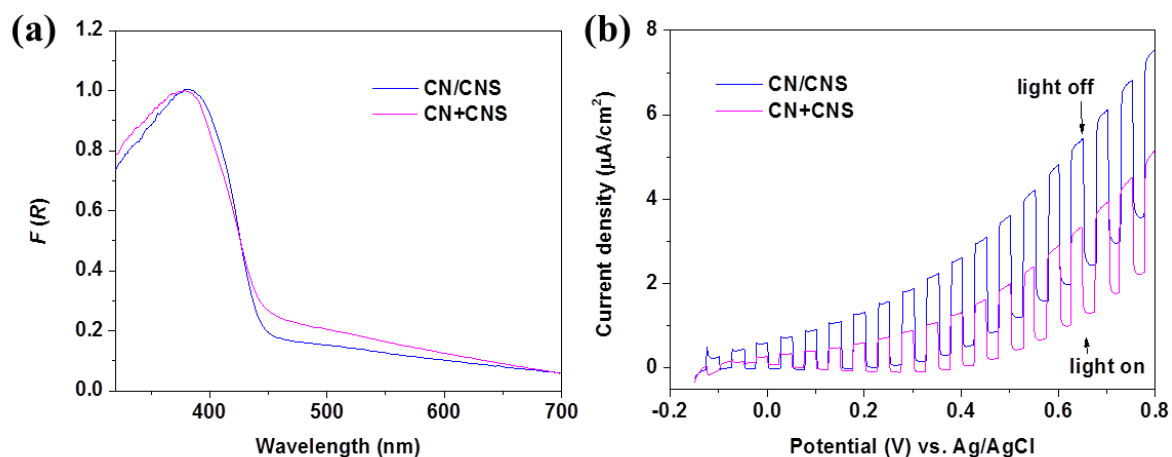


Figure S1: (a) Optical absorption spectra of CN/CNS and CN+CNS samples. (b) Current density–voltage (J – V) curves for CN/CNS and CN+CNS electrodes under simulated sunlight (AM 1.5, 100 mW/cm^2). All experiments were performed in 0.2 M Na_2SO_4 aqueous solution at a scan rate of 10 mV/s.

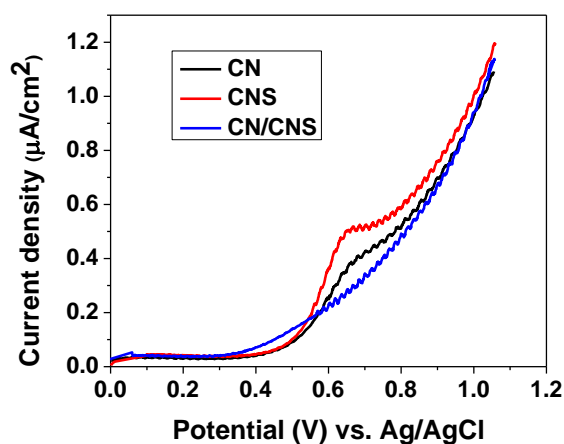


Figure S2: Linear Sweep Voltammetry of CN, CNS and CN/CNS electrodes under dark condition. All experiments were performed in 0.2 M Na_2SO_4 aqueous solution at a scan rate of 10 mV/s.