

Supplementary Materials

Facile preparation of N,S-graphene oxide nanosheets as fluorescence “off-on” sensing platform for sensitive detection of biothiols

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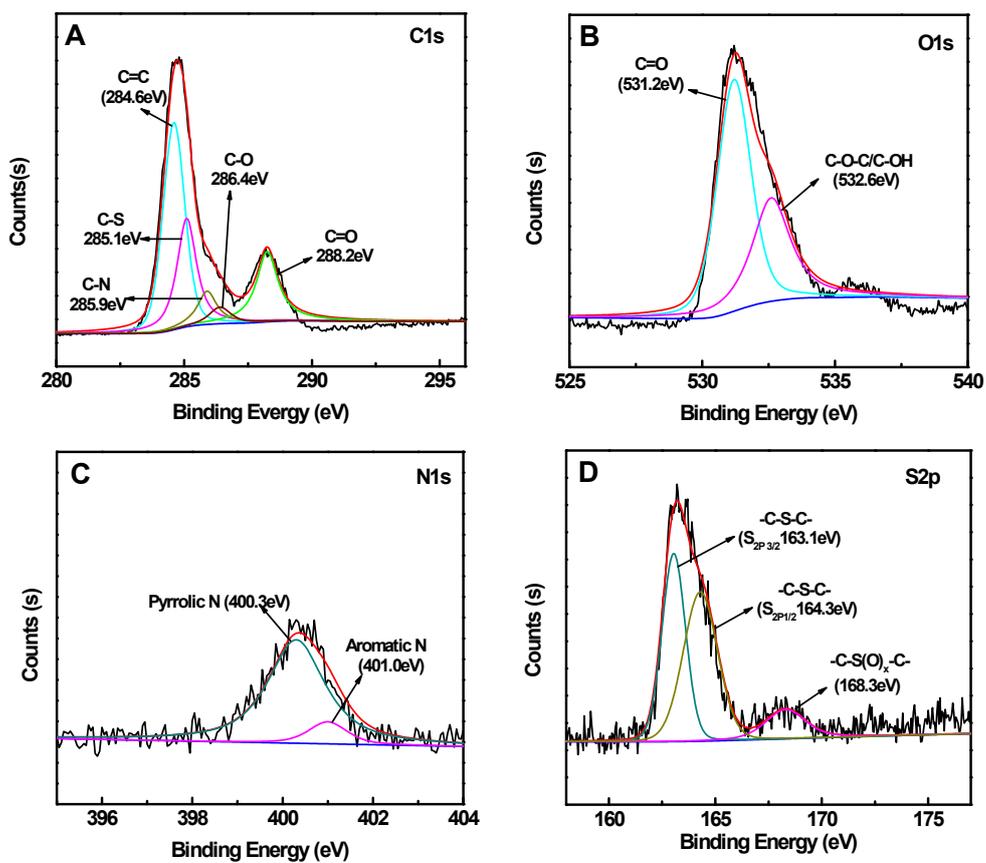


Figure S1 High-resolution C1s spectra (A); high-resolution O1s spectra (B); high-resolution N1s spectra (C) and high-resolution S2p spectra (D) of N,S-GO

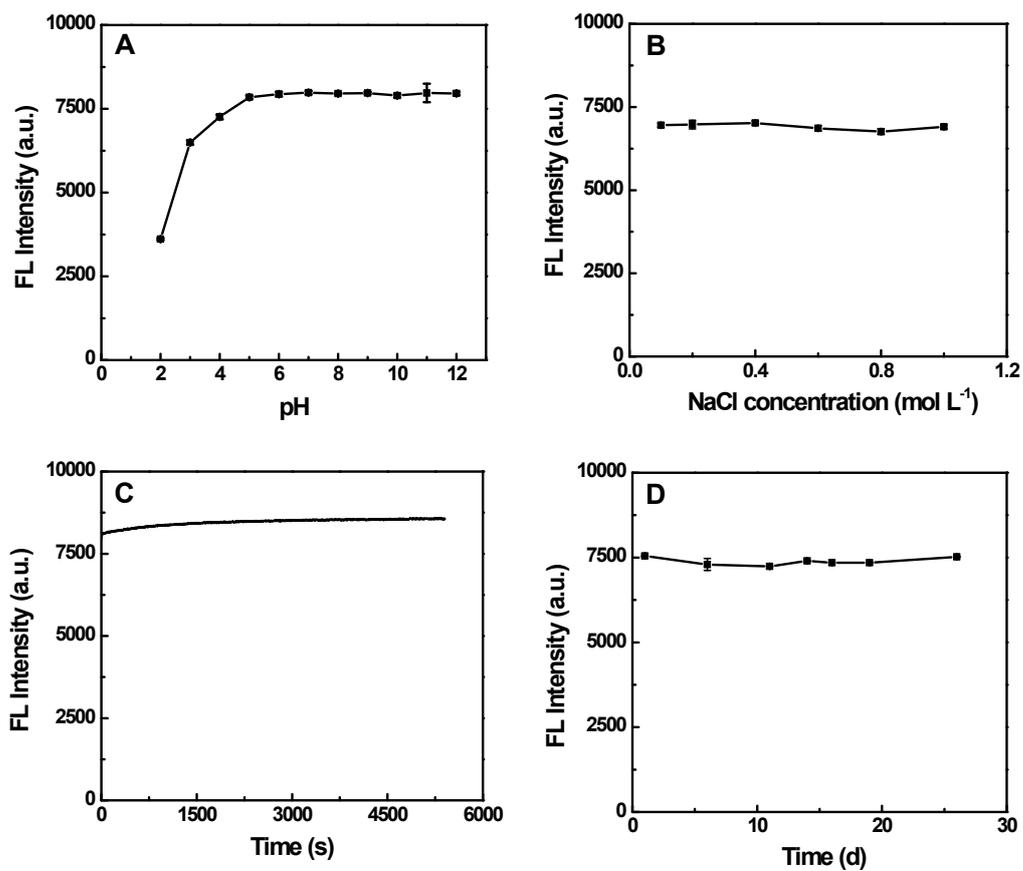


Figure S2. Fluorescence behavior of N,S-GO under different pH (A); ionic strength(B); irradiation time (C) and storage time(D)

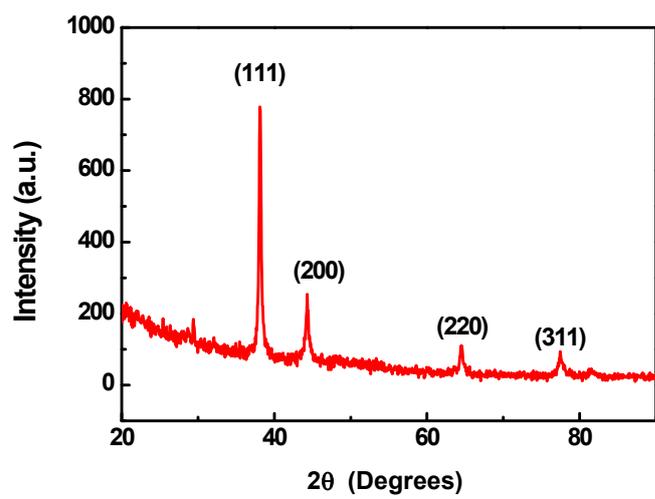


Figure S3. XRD pattern of AgNPs

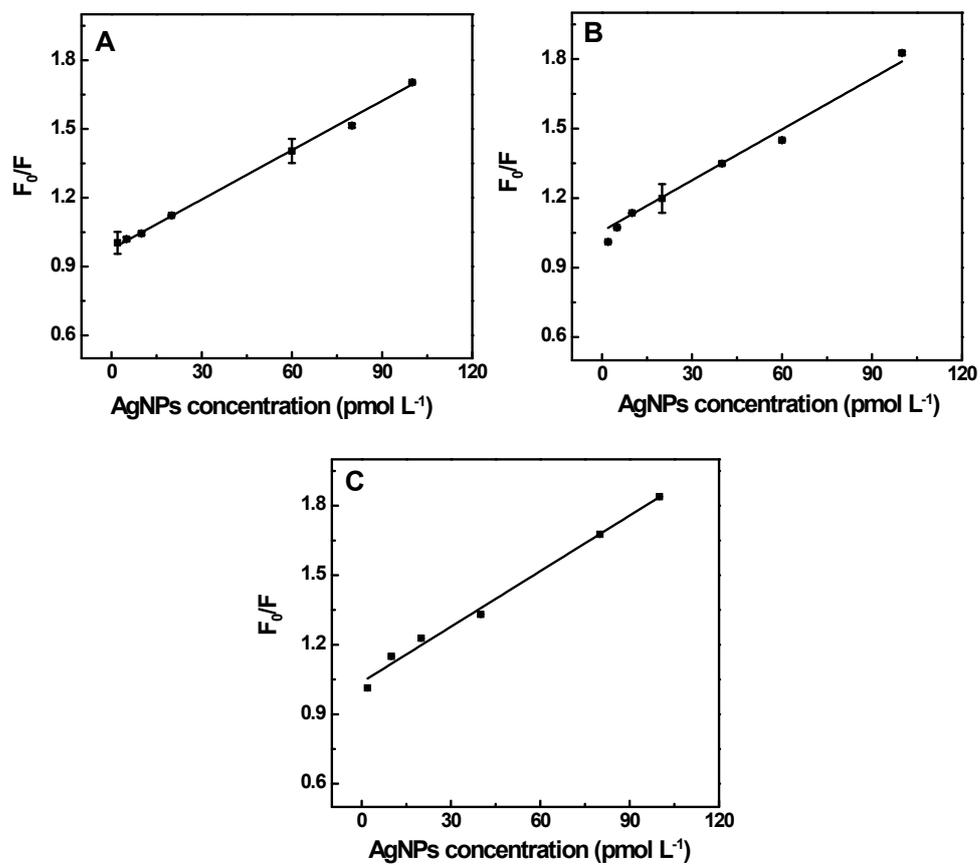


Figure S4. Stern–Volmer plot for the quenching of N,S-GO by AgNP under 25°C(A), 35°C(B) and 45°C(C)

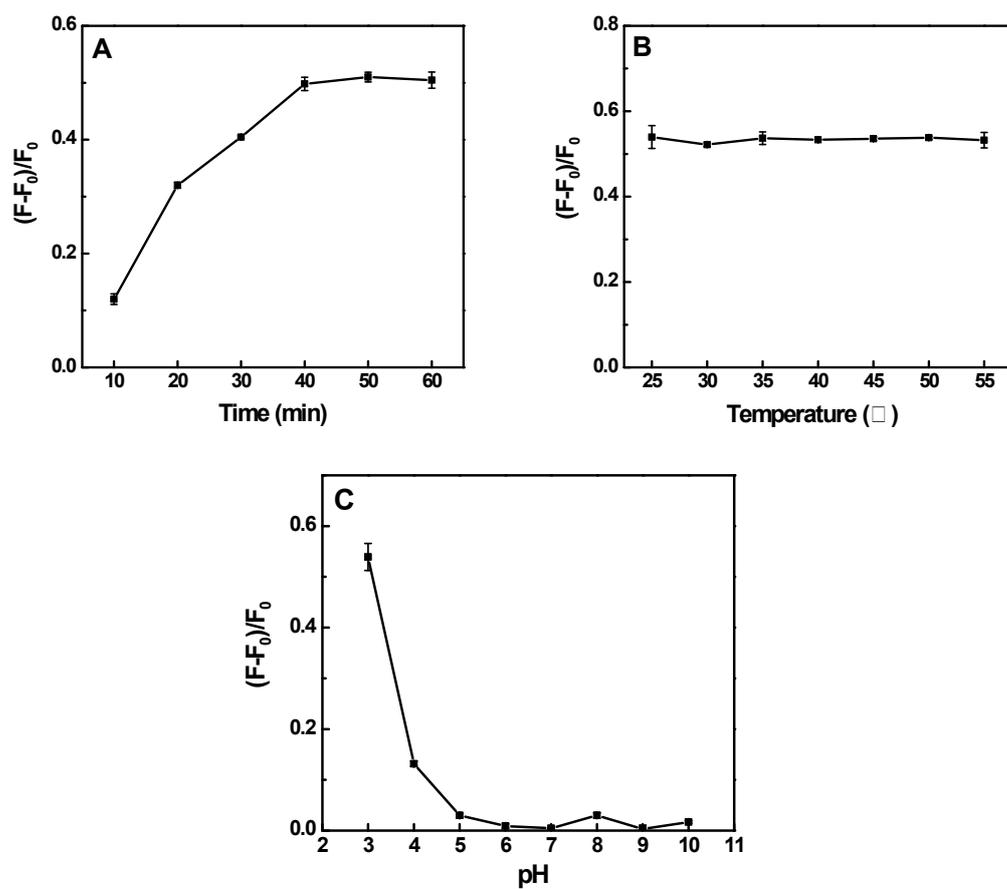


Figure S5. The effect of system pH (A); reaction temperature (B) and reaction time(C) on the detection sensitivity.