

Supporting Information

Sensitivity investigation of resonant coupling biosensor of surface propagating plasmons to localized surface plasmons in near infrared region

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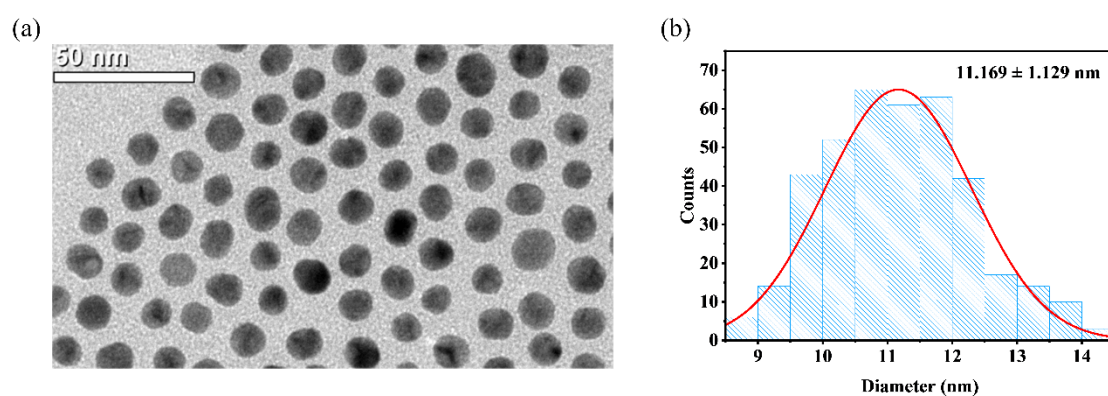


Figure S1 (a) TEM image and (b) size distribution histogram of AuNPs.

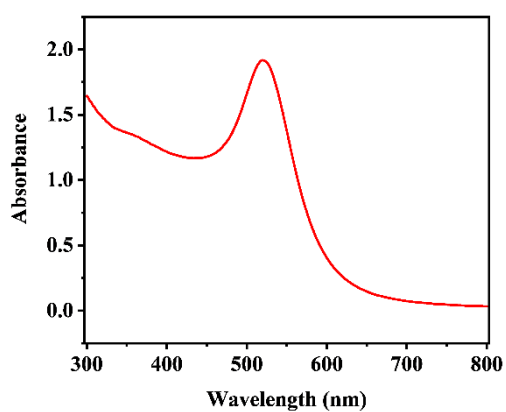


Figure S2 UV-VIS spectrum of AuNPs solution.

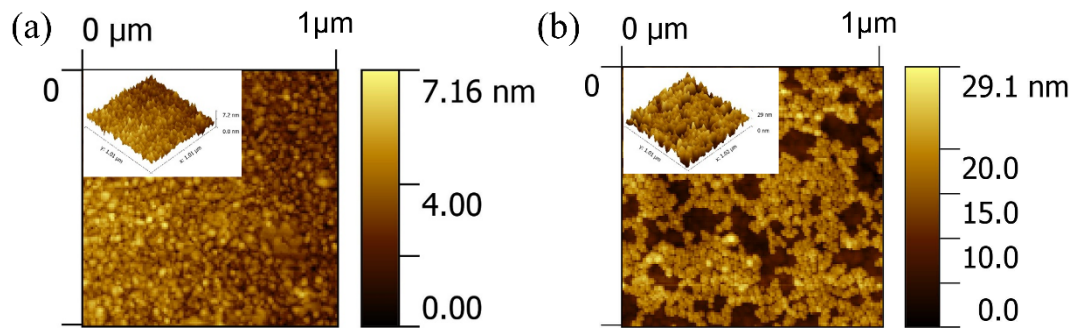


Figure S3 Two-dimensional AFM images of (a) GF and (b) GF-AuNP. Insets are three-dimensional AFM images of (a) GF and (b) GF-AuNP.

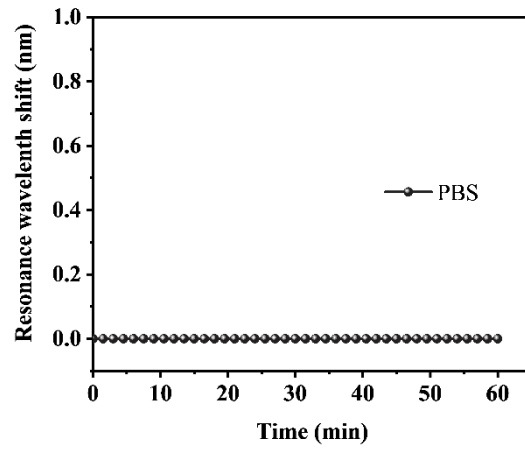


Figure S4 Stability testing of the sensing system.