

Supplementary Matreials

Article

“Coffee Ring” Fabrication and Its Application in Aflatoxin Detection Based on SERS

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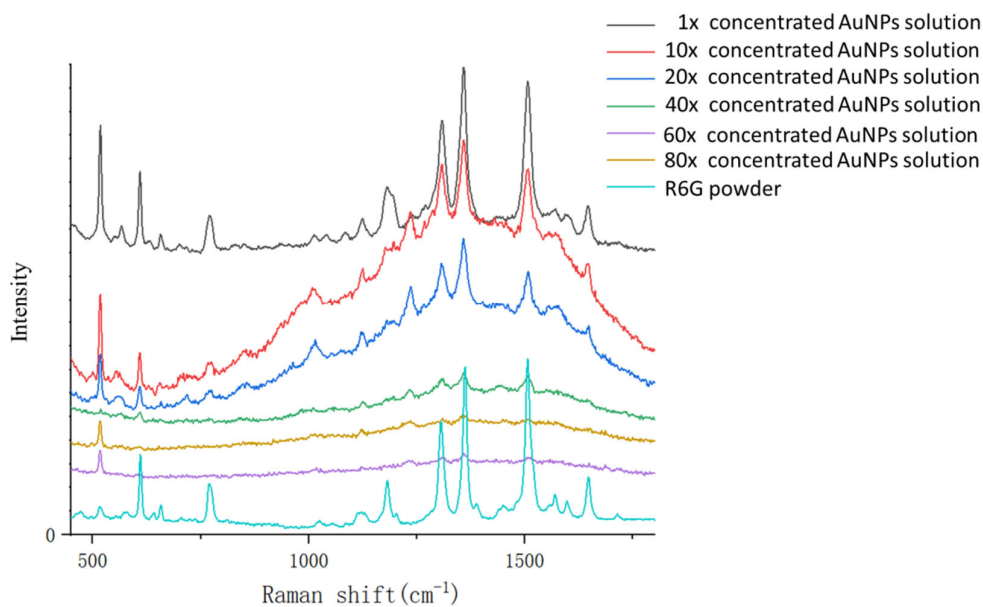


Figure S1. Raman spectra of 10⁻⁶M R6G with the coffee ring from 1×, 10×, 20×, 40×, 60× and 80× concentration water-washed AuNPs colloid.

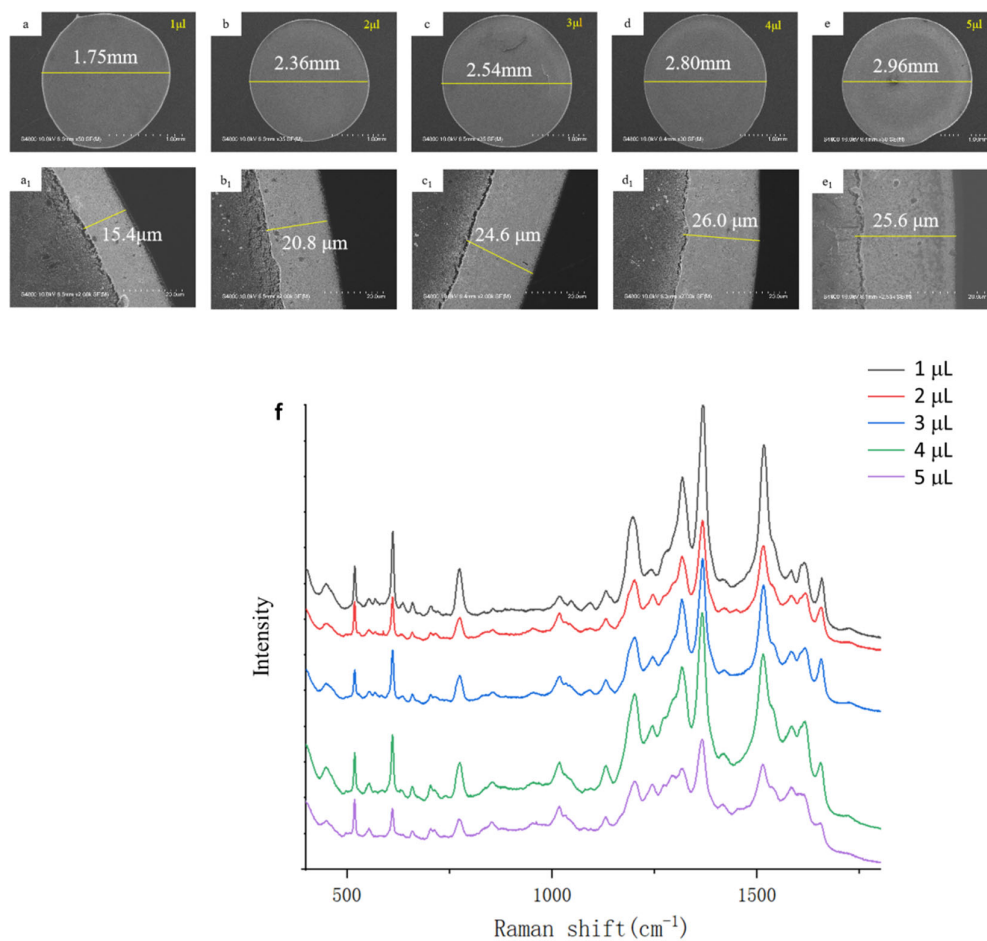


Figure S2. (a–e) SEM images of the coffee ring formed from 4 times concentration water-washed AuNPs colloid with different droplet volumes. (f) Raman spectra of 10^{-5}M R6G in the ring in the case of different amount of the AuNPs droplet.

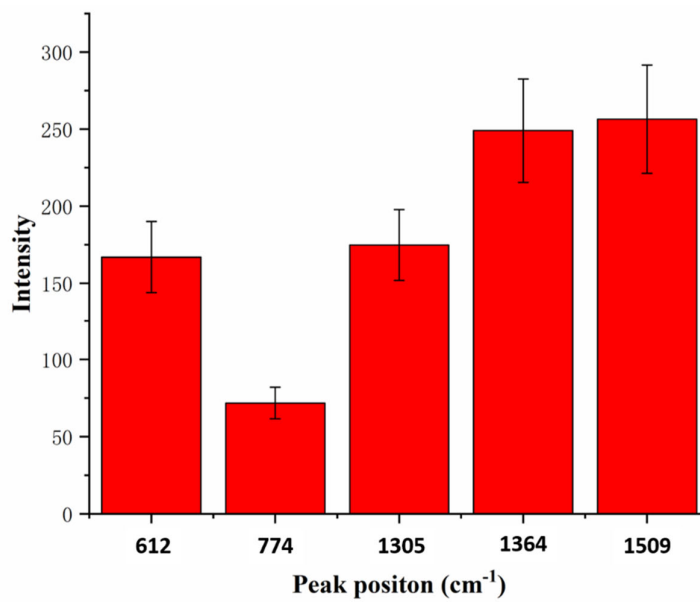


Figure S3. SERS intensity for the corresponding bands of 3 substrates were assessed. Error bars indicate standard deviation of intensity from 20 randomly selected positions on 3 substrates. .