

Figure S1. (a) TEM images and (b) UV absorption spectra of gold nanostars (GNS) with different reaction temperature (25 °C, 40°C, and 60 °C).

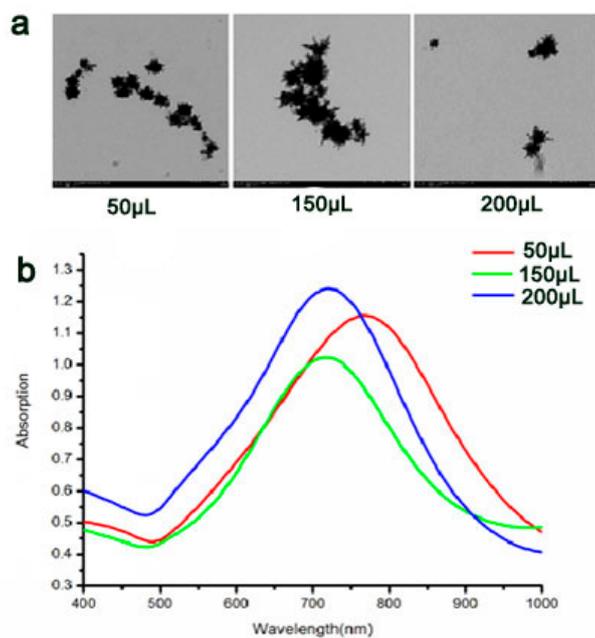


Figure S2. (a) TEM images and (b) UV absorption spectra of GNS with different amounts of reducing agent (50, 150, and 200 μL AA (0.1 M)).

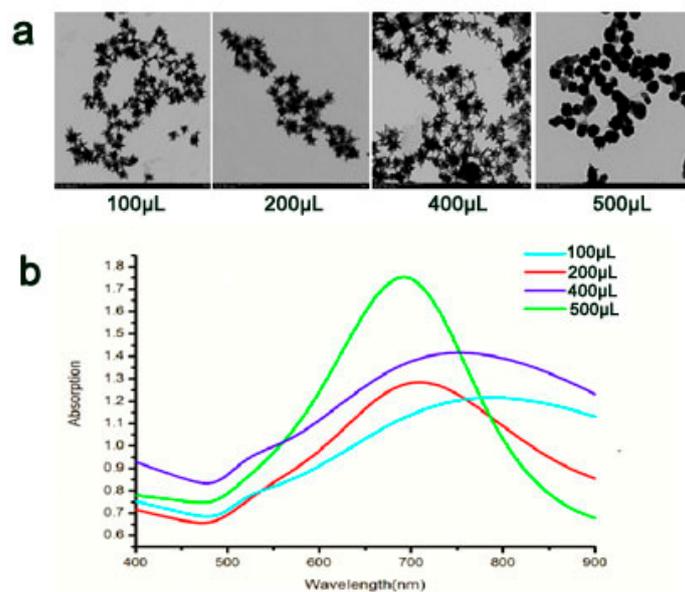


Figure S3. (a) TEM images and (b) UV absorption spectra of GNS with different amount of Ag⁺ (100, 200, 400, and 500 μL AgNO₃ (3 mM)).

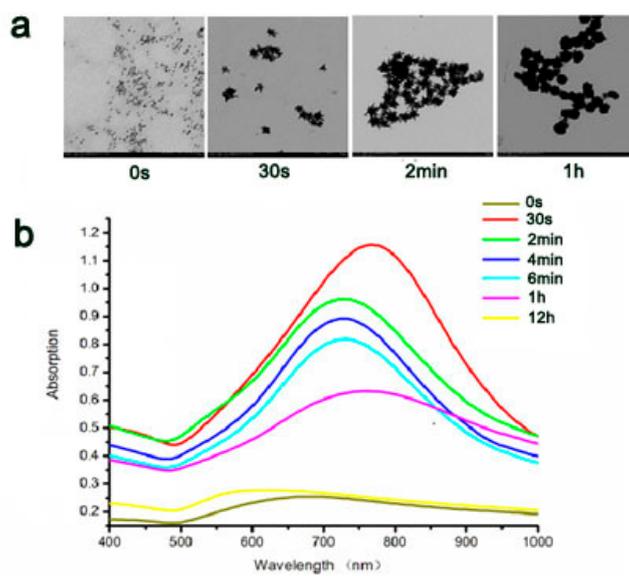


Figure S4. (a) TEM images and (b) UV absorption spectra of GNS with different reaction times (0 and 30 s; 2, 4, and 6 min; 1 h, and 12 h).