

Supporting Materials

Morphological Effects of Au Nanoparticles on Electrochemical Sensing Platforms for Nitrite Detection

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Caption list

Figure S1. TEM of Au nanoplates growing in PVP(50 g·L⁻¹)–SDS(5 mmol·L⁻¹)–HAuCl₄(1.0 mmol·L⁻¹) solution.

Figure S2. LSPR spectra of Au nanoparticles growing in PVP(50 g·L⁻¹)–SDS–HAuCl₄(0.25 mmol·L⁻¹) solutions with different SDS concentrations.

Figure S3. LSPR spectra of Au nanoparticles growing in PVP–SDS(5 mmol·L⁻¹)–HAuCl₄(0.25 mmol·L⁻¹) solutions with different PVP concentrations.

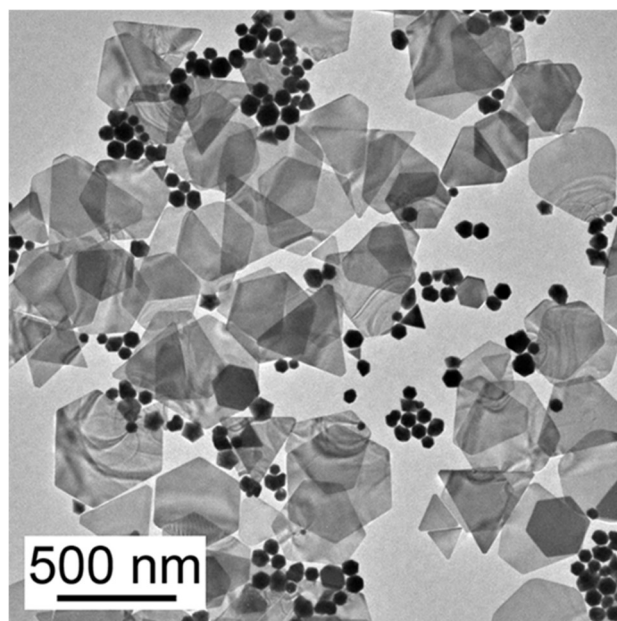


Figure S1. TEM of Au nanoplates growing in PVP($50\text{ g}\cdot\text{L}^{-1}$)–SDS($5\text{ mmol}\cdot\text{L}^{-1}$)–HAuCl₄($1.0\text{ mmol}\cdot\text{L}^{-1}$) solution.

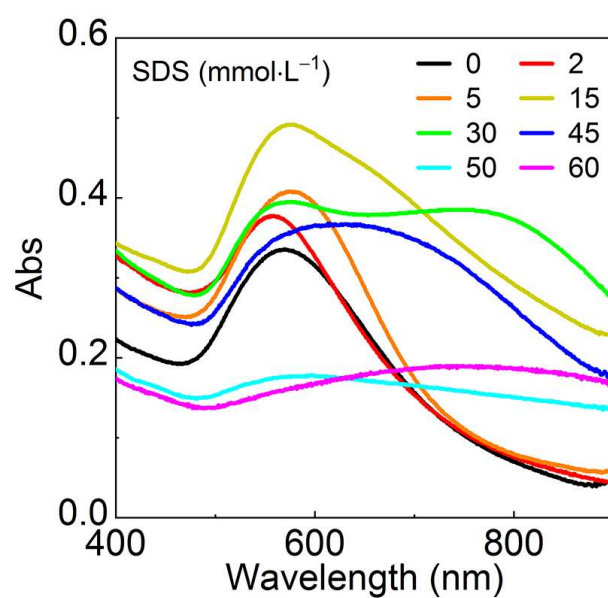


Figure S2. LSPR spectra of Au nanoparticles growing in PVP(50 g·L⁻¹)–SDS–HAuCl₄(0.25 mmol·L⁻¹) solutions with different SDS concentrations.

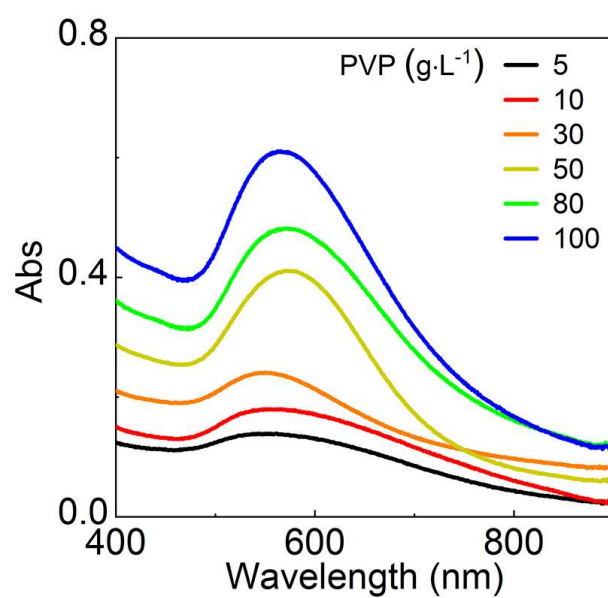


Figure S3. LSPR spectra of Au nanoparticles growing in PVP–SDS(5 mmol·L⁻¹)–HAuCl₄(0.25 mmol·L⁻¹) solutions with different PVP concentrations.