Electronic Supporting Information

High-yield synthesis and fine-tuning aspect ratio of (200) faceted gold nanorods by the "pH-adjusting" method

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†Electronic supplementary information (ESI) available.

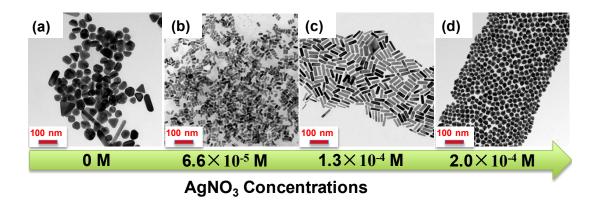


Fig. S1 TEM images of gold nanoparticles obtained after adding different concentrations of AgNO₃: (a) 0 M, (b) 6.6×10^{-5} M, (c) 1.3×10^{-4} M and (d) 2.0×10^{-4} M. The pH of the growth solution was fixed at 6.0 and 0.2 M of CTAB was selected.

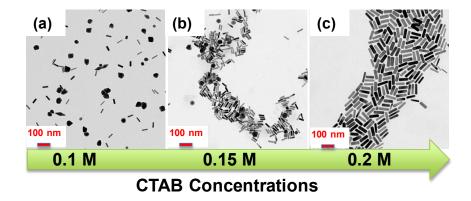


Fig. S2 TEM images of gold nanoparticles obtained at different CTAB concentrations (a) 0.1 M, (b) 0.15 M and (c) 0.2 M. The pH of the growth solution was fixed at 6.0 and 1.3×10^{-4} M of Ag⁺ was selected.