

Supporting Information

Physical Properties and the Reconstruction of Unstable Decahedral Silver Nanoparticles Synthesized Using Plasmon-Mediated Photochemical Process

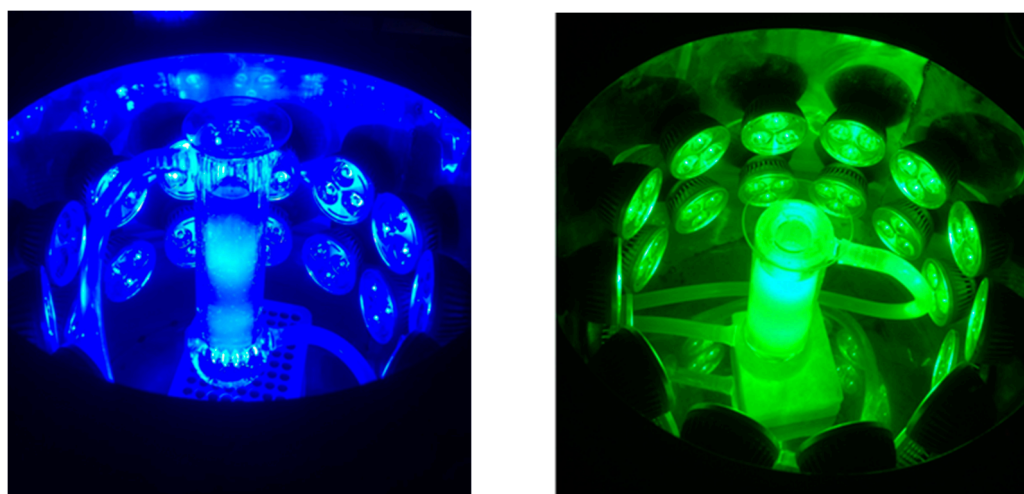


Figure S1. Setup of the temperature-controlled plasmon-mediated photochemical reaction system. The tank was connected to a circular cooling system to maintain the bath temperatures.

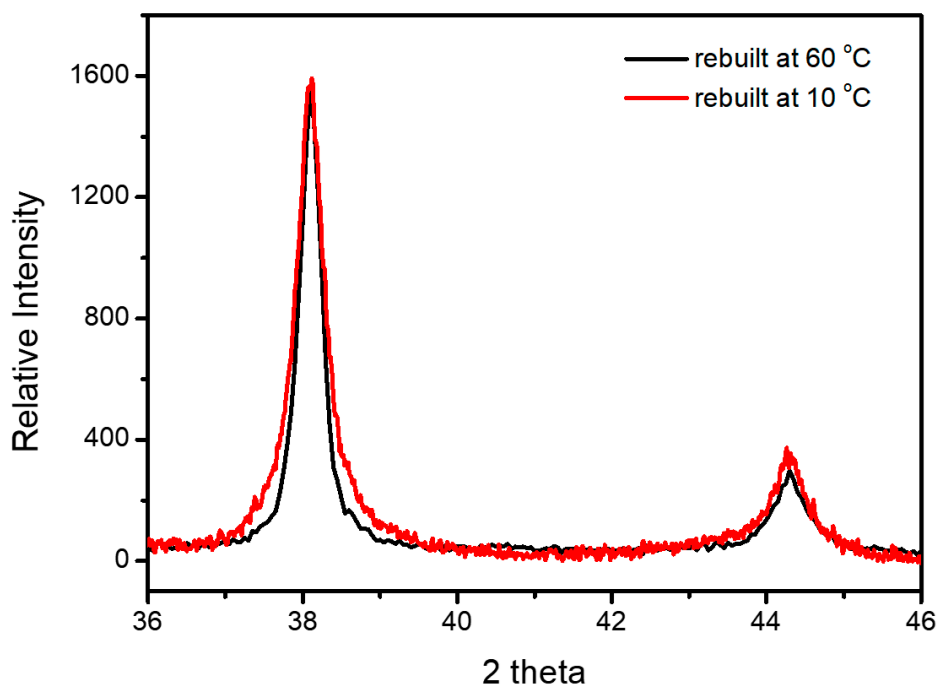


Figure S2. XRD spectra of D-AgNPs rebuilt at (A) 60 °C and (B) 10 °C, respectively.

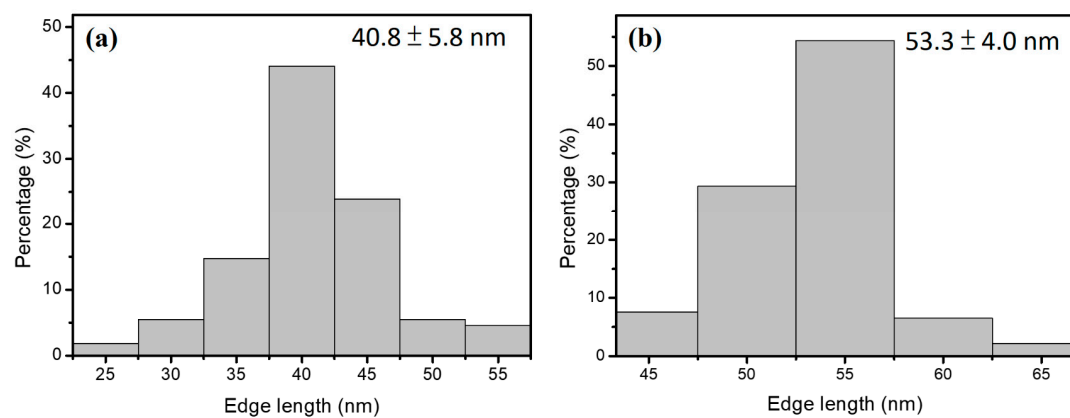


Figure S3. (a) Edge length distribution of D-AgNPs after the reconstruction under blue LEDs at 60 °C and (b) edge length distribution of D-AgNPs after the enlargement process.