

Supplementary Information for

Fabrication of Dense Two-Dimensional Assemblies over Vast Areas Comprising Gold(Core)-Silver(Shell) Nanoparticles and Their Surface-Enhanced Raman Scattering Properties

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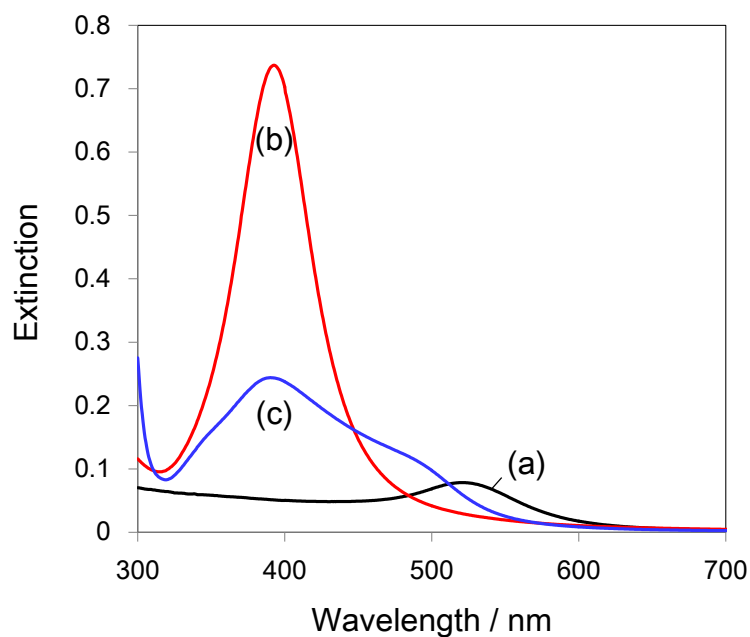


Fig. S1 Extinction spectra of the colloidal aqueous solution of (a) AuNPs, (b) AgNPs, and (c) Au/AgNPs. All the colloidal solutions were diluted 10 times with Milli-Q water before the measurements.

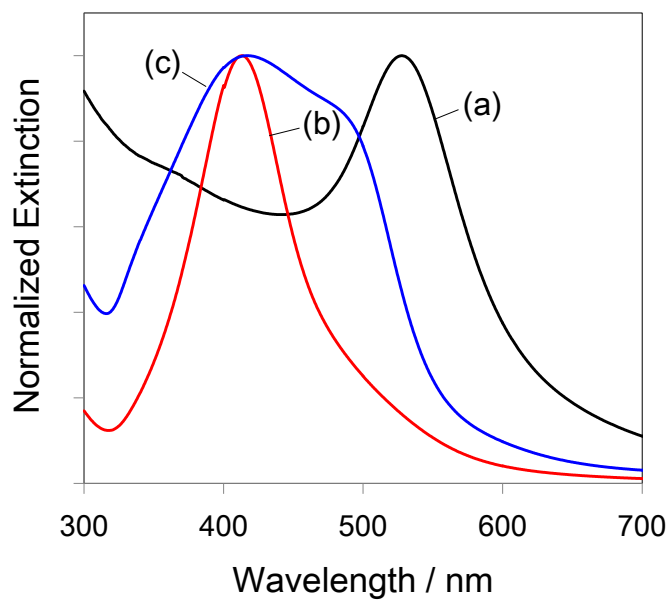


Fig. S2 Normalized extinction spectra of colloidal toluene solutions of (a) AuNPs, (b) AgNPs, and (c) Au/AgNPs after phase transfer.

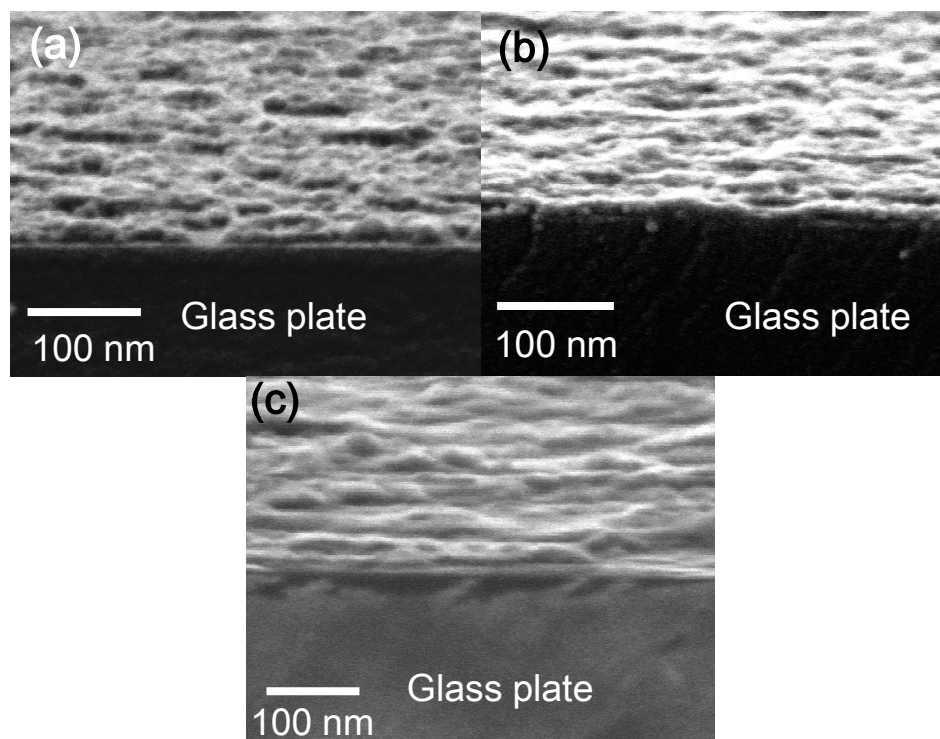


Fig. S3 Cross-sectional SEM images of the assemblies consisting of (a) AuNPs, (b) AgNPs, and (c) Au/AgNPs.

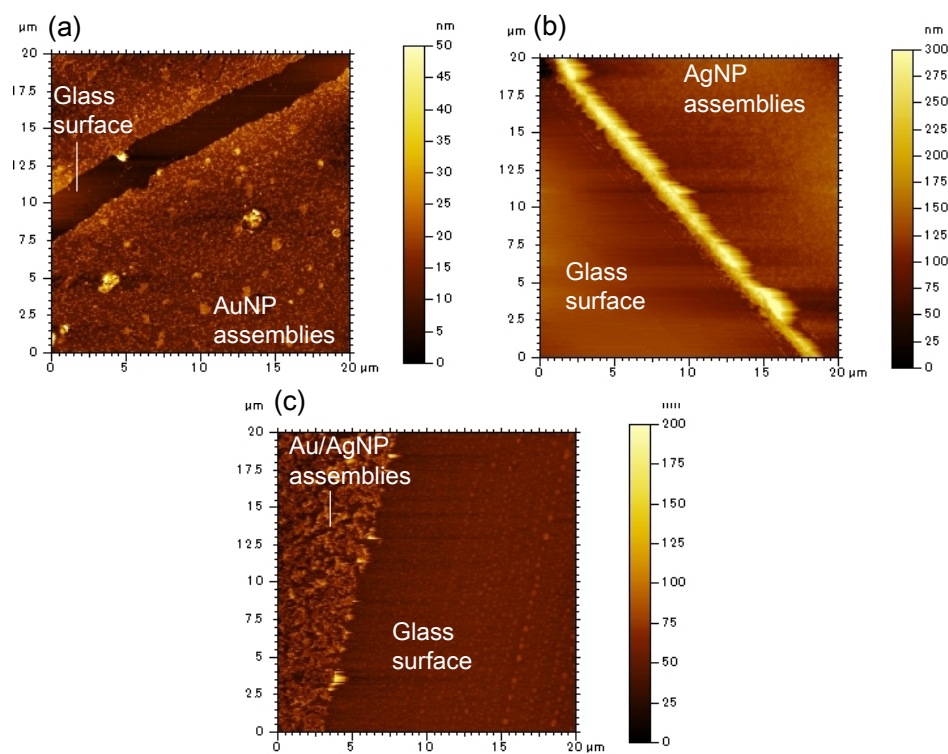


Fig. S4 AFM images of the assemblies consisting of (a) AuNPs, (b) AgNPs, and (c) Au/AgNPs.