



Supplementary Materials

Comparative SERS Activity of Homometallic and Bimetallic Core–Satellite Assemblies

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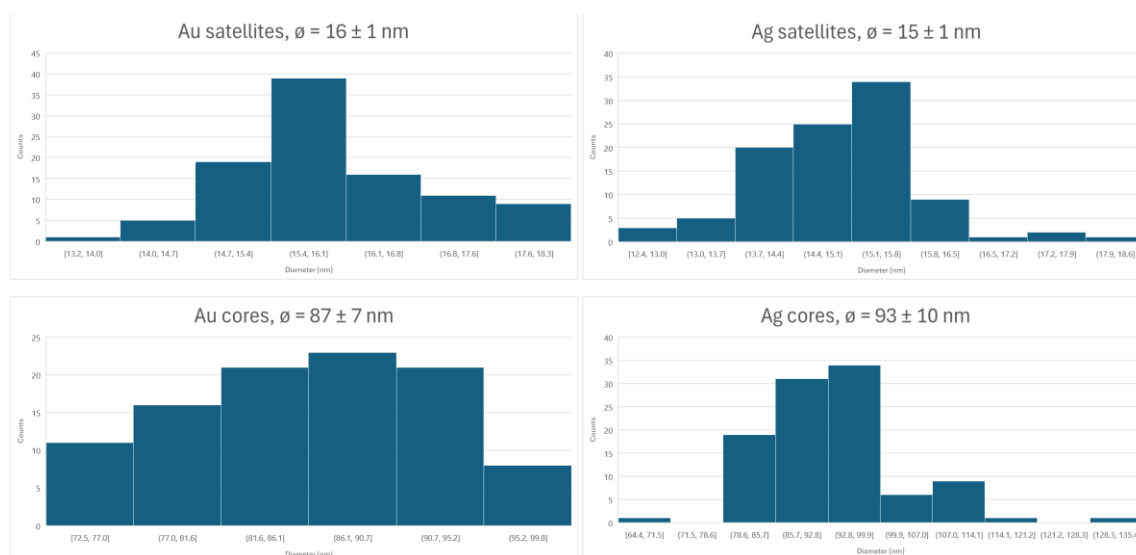


Figure S1. Size-distribution histograms of Au and Ag individual nanoparticles.

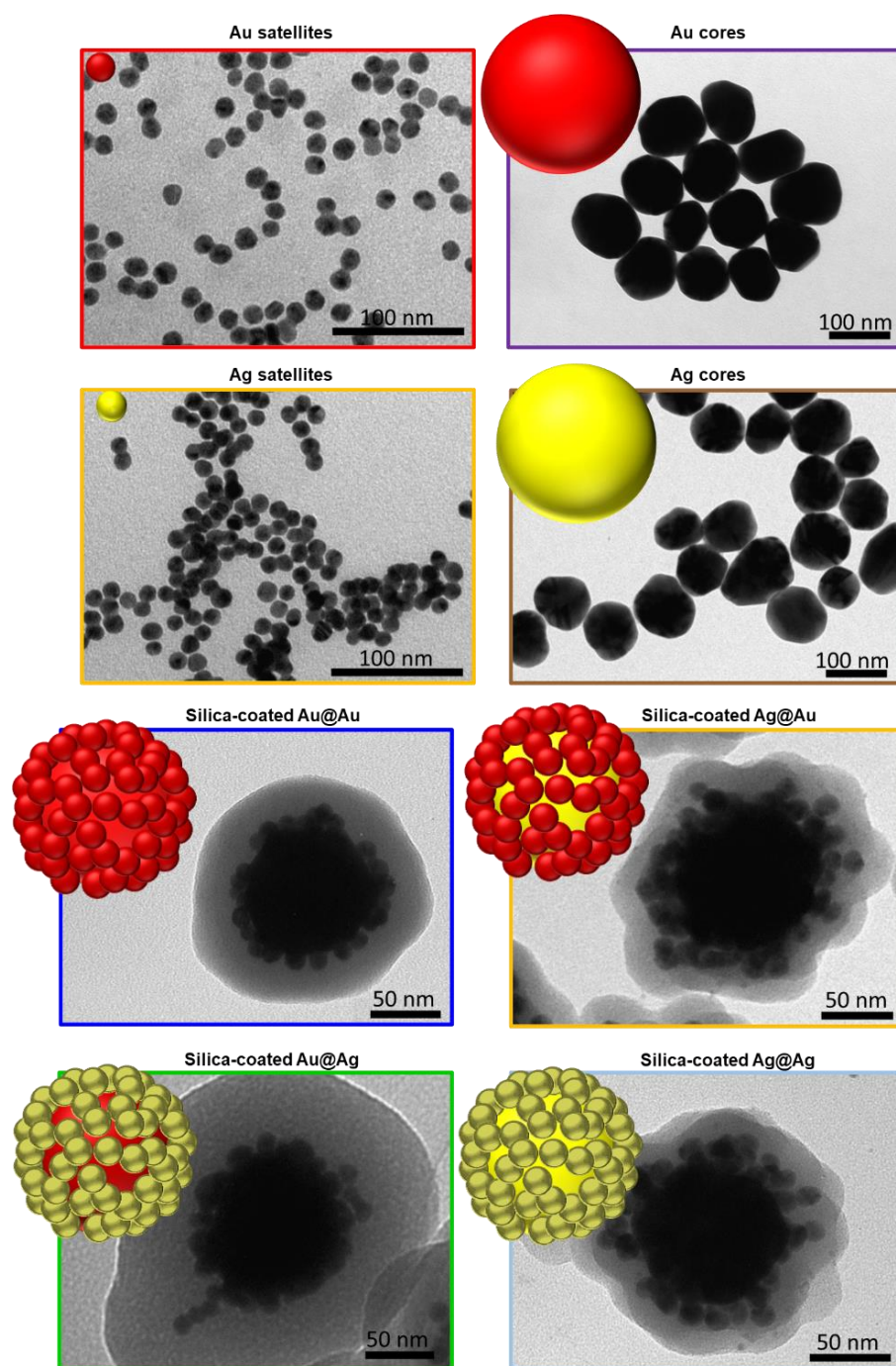


Figure S2. Representative TEM images of colloidal Au and Ag cores and satellites and their corresponding silica-coated CS assemblies.

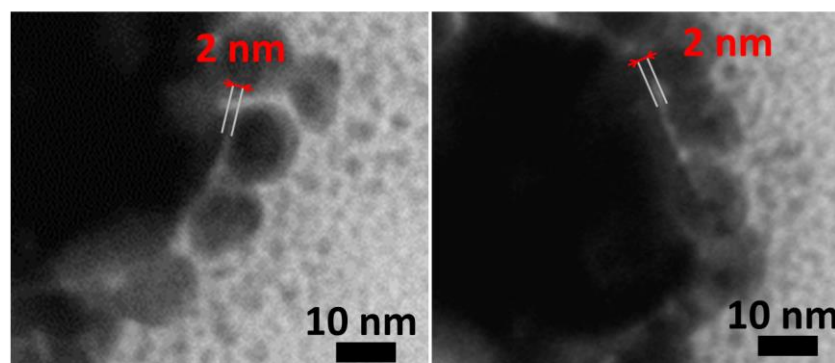


Figure S3. Representative TEM images of Au@Au assemblies.

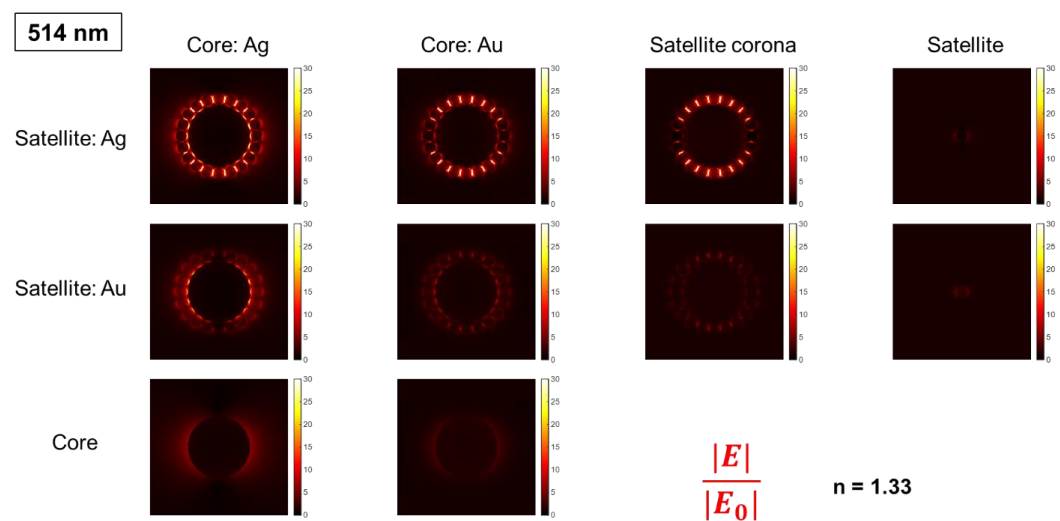


Figure S4. Simulation of the electric field maps for individual building blocks, CS assemblies, and satellite coronas ($\lambda = 514$ nm).

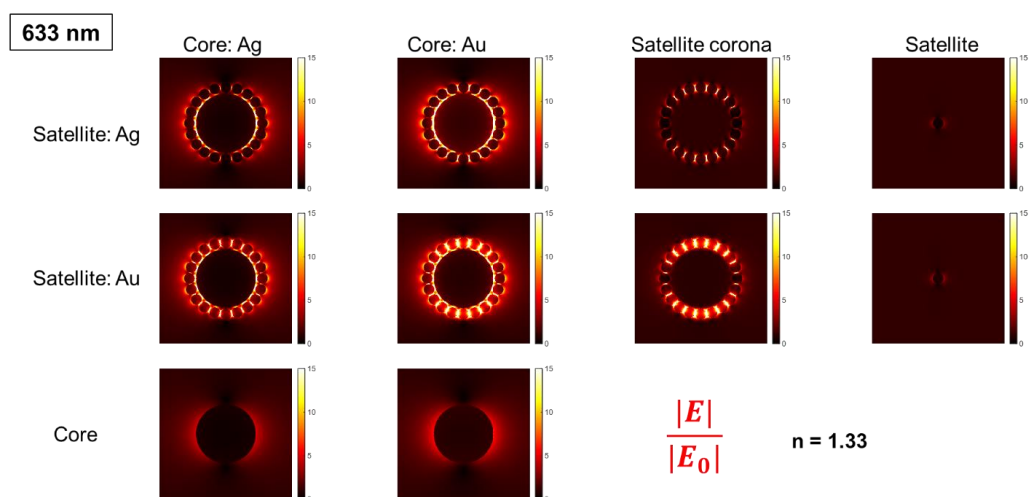


Figure S5. Simulation of the electric field maps for individual building blocks, CS assemblies, and satellite coronas ($\lambda = 633$ nm).

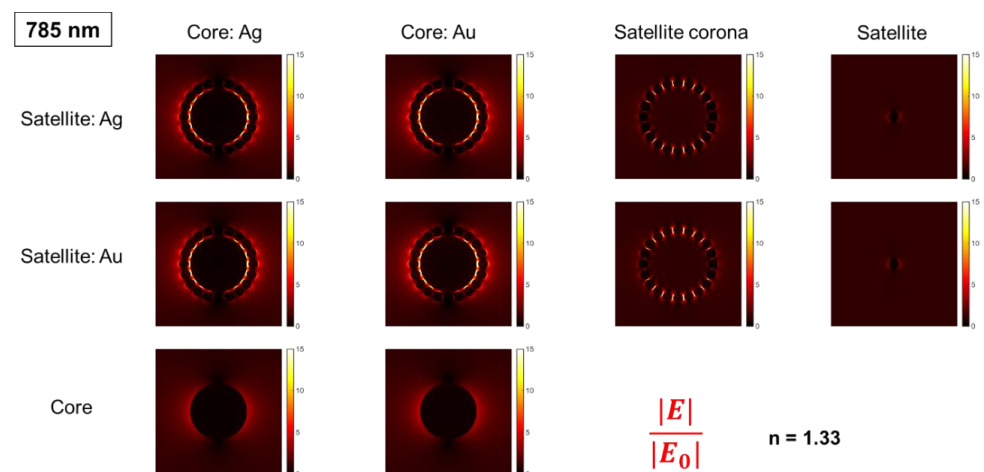


Figure S6. Simulation of the electric field maps for individual building blocks, CS assemblies, and satellite coronas ($\lambda = 785$ nm).

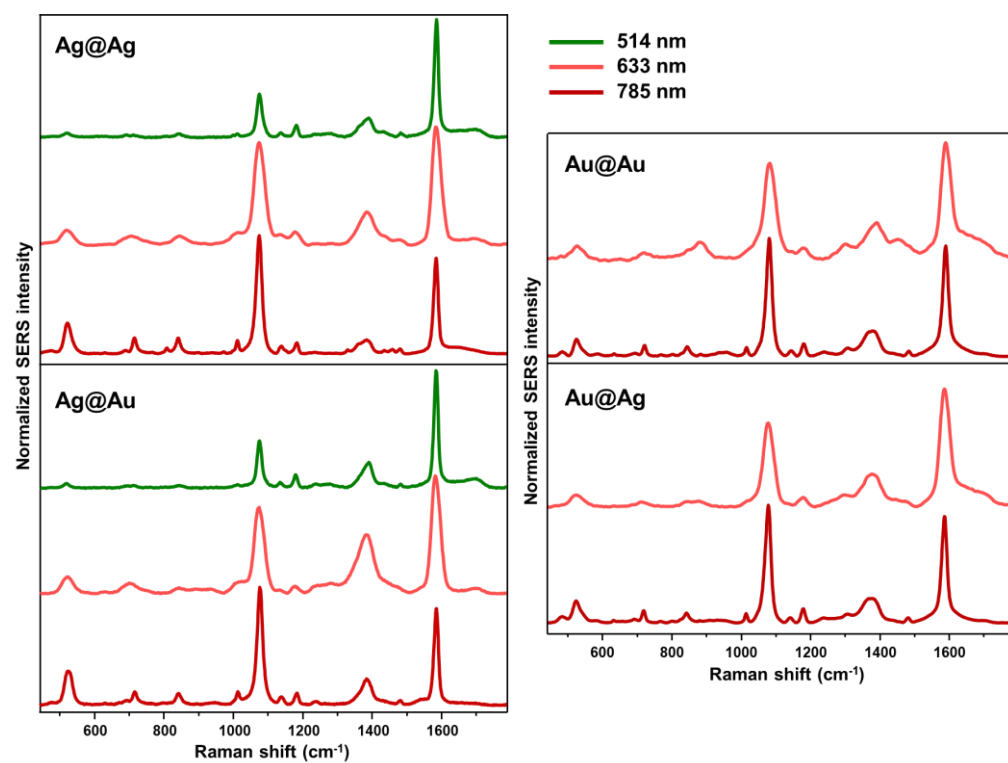


Figure S7. Normalized SERS spectra of 4-MBA labeled CS assemblies at different excitation wavelengths.