Modification techniques of Ag SERS-active surface to promote differently charged analytes adsorption

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Characterization of silver nanostructures

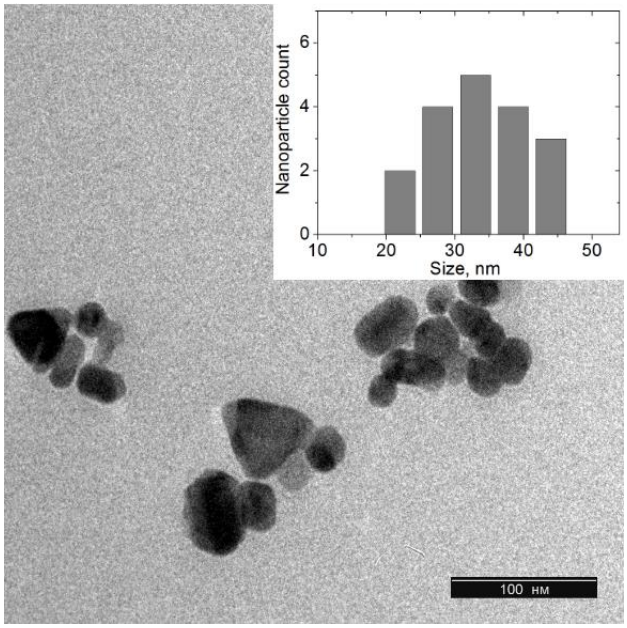

Figure S1. TEM image of silver nanoparticles and corresponding size distribution histogram. TEM sample was prepared by simple drop-casting technique.

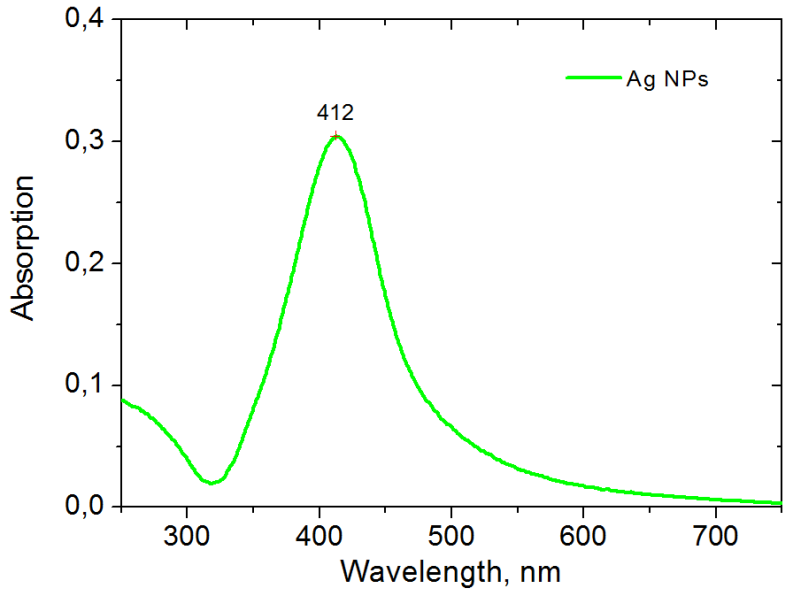

Figure S2. Extinction spectrum of the colloidal silver NPs.

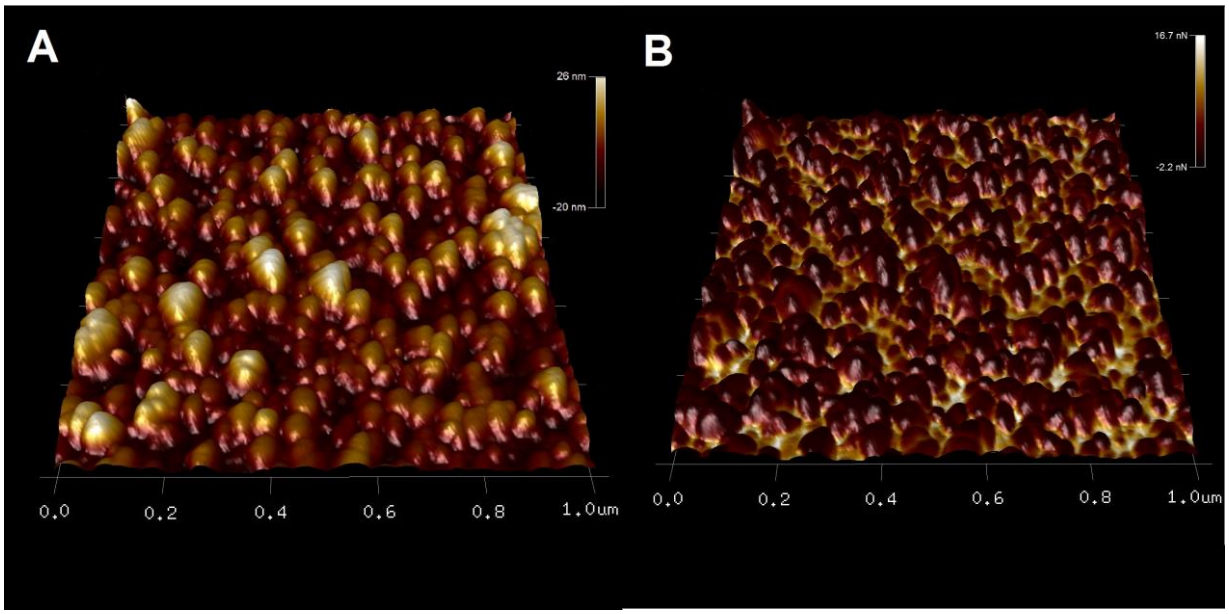

Figure S3. AFM images of silver NPs immobilized on PEI-modified silicon support: A) topological map; B) adhesive properties map (scan size of 1um×1um; scan rate of 0.5 Hz (256 lines); PeakFoce Setpoint of 0.5 nN).