



Supporting Information

for

Modification of a SERS-active Ag surface to promote adsorption of charged analytes: effect of Cu²⁺ ions

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Characterization of silver nanostructures

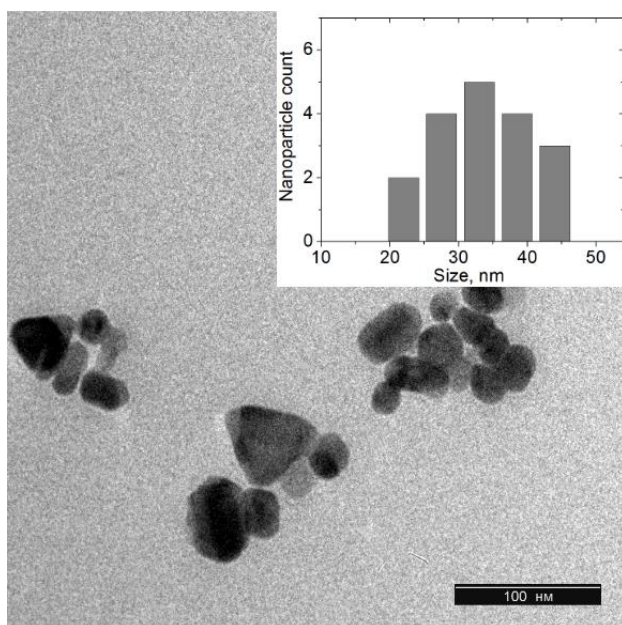


Figure S1: TEM image of silver nanoparticles and corresponding size distribution histogram. The TEM sample was prepared by simple drop-casting.

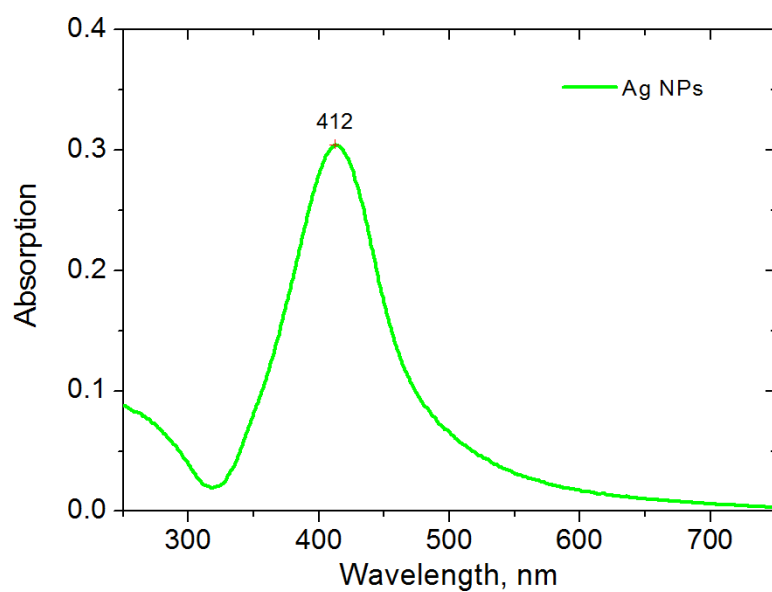


Figure S2: Absorption spectrum of the colloidal silver NPs.

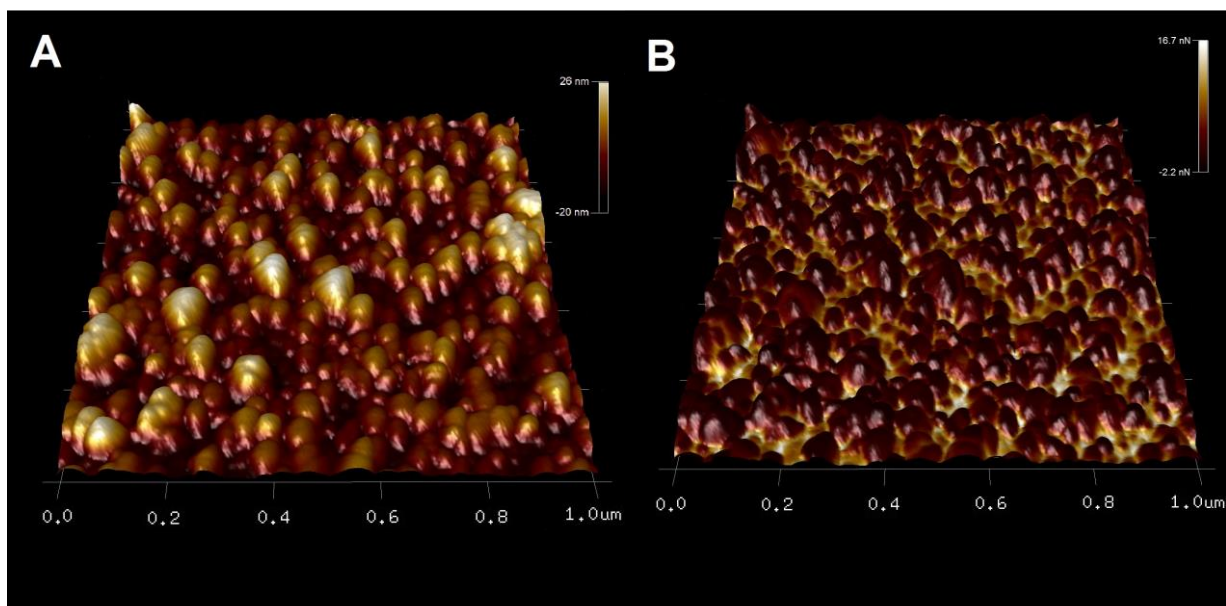


Figure S3: AFM images of silver NPs immobilized on a PEI-modified silicon support. A) Topological map; B) adhesive properties map (scan size of $1 \mu\text{m} \times 1 \mu\text{m}$; scan rate of 0.5 Hz (256×256 pixels); peak force setpoint of 0.5 nN).