

Supplementary materials

Controlled immobilization of silver nanoparticles on track-etched membranes

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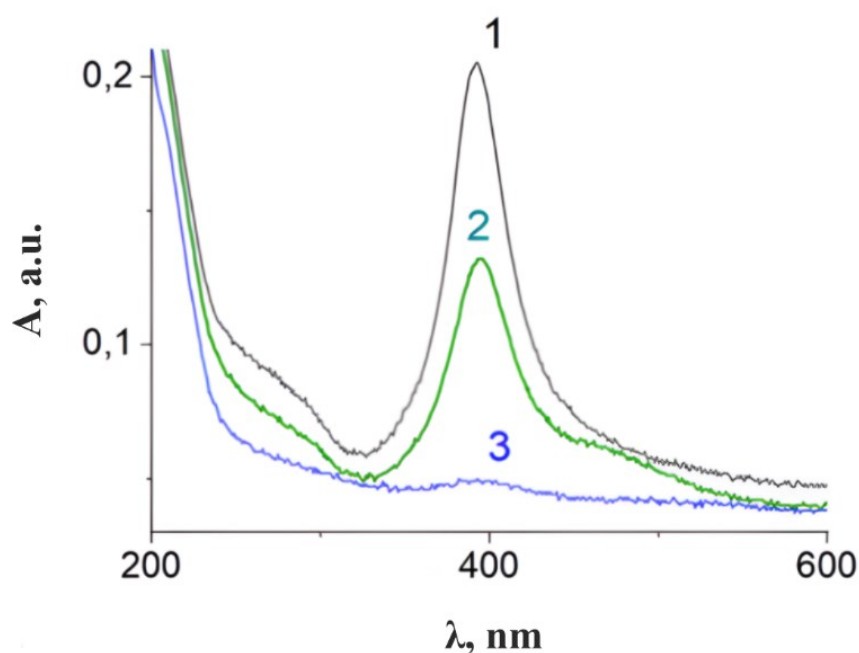


Figure S1. Optical absorption spectra in the region of the plasmon resonance peak of the nanoparticles: 1 – initial colloidal solution, 2 – colloidal solution after 10 filtration cycles through TM-7.1, 3 – colloidal solution after 1 filtration cycle through TM-0.4 at a pressure of ~0.3-0.4 bar

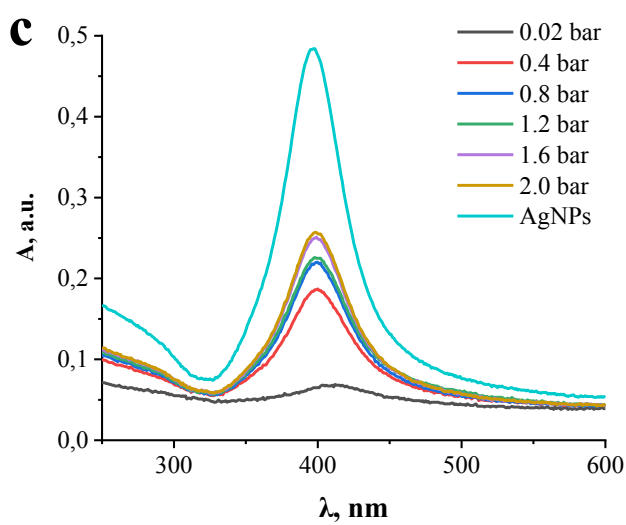
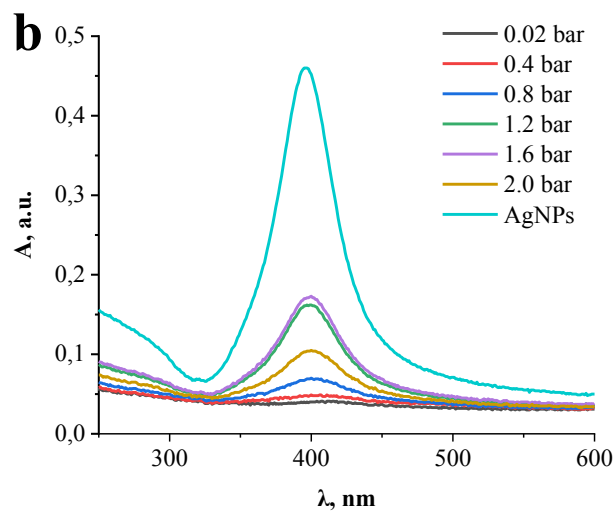
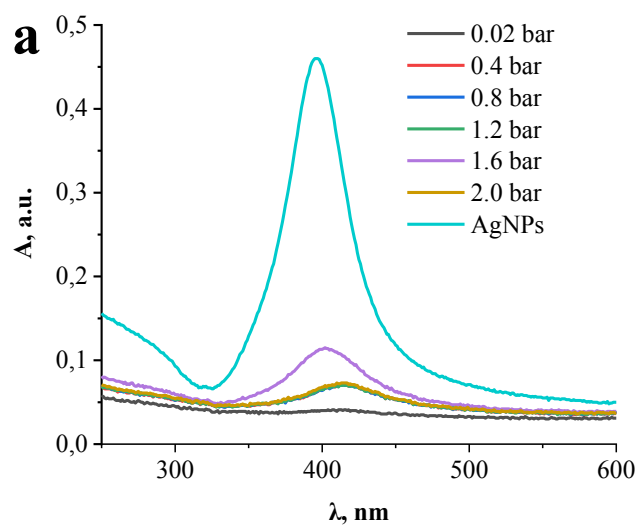


Figure S2. Absorption spectra of a colloidal solution of nanoparticles before and after filtration through membrane A) TMs-0.4 B) TMs-0.5 C) TMs-1.1 at different pressure differences 2.0 bar