

Supplementary Materials:

3D Ultrasensitive Polymers-Plasmonic Hybrid Flexible Platform for In-Situ Detection

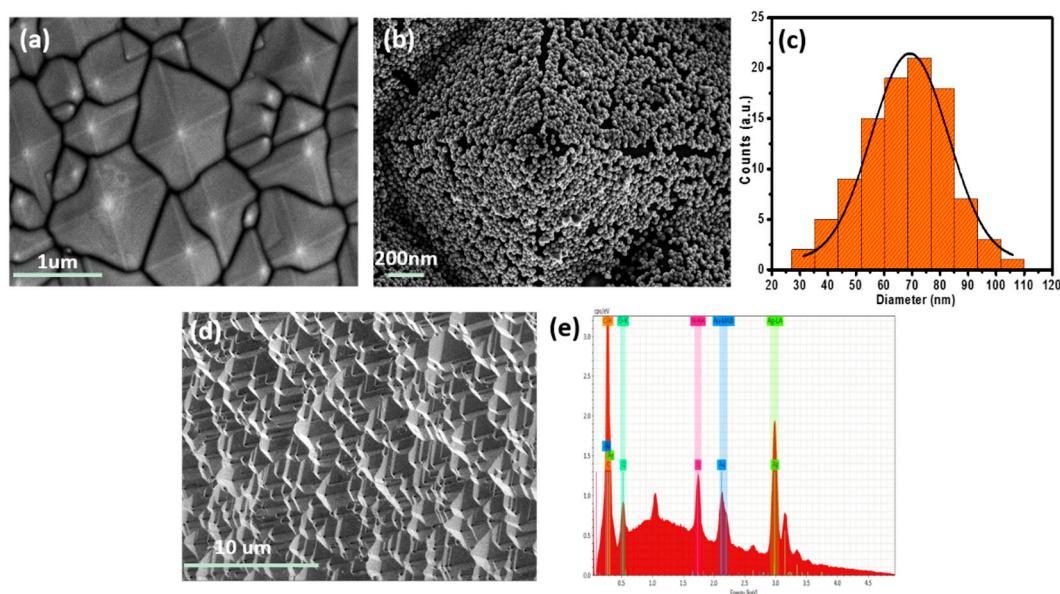


Figure S1. (a) SEM image of the P-Si sample; (b) SEM image of Ag NPs deposited on the P-Si substrates; (c) The size distribution of Ag NPs; (d) SEM images of the P-AgNPs@PMMA substrate in high magnification; (e) The corresponding EDS spectrum of the P-AgNPs@PMMA substrate.

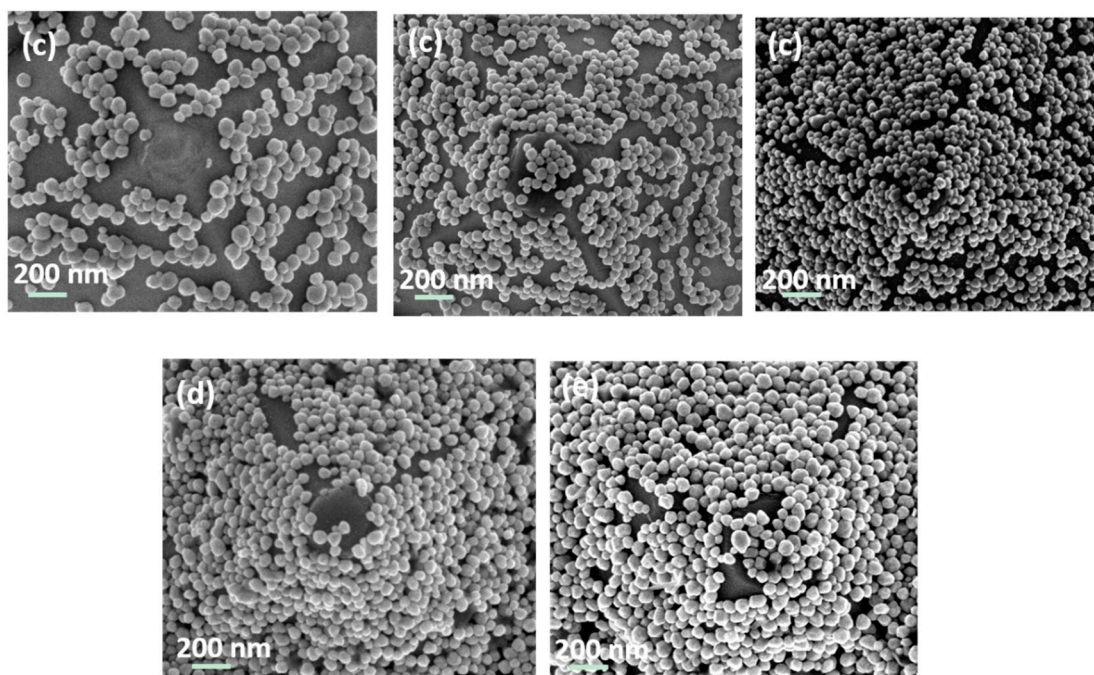


Figure S2. SEM images of different volume ratio AgNPs@PMMA/P-Si substrate. (a) PMMA/Ag = 2:1; (b) PMMA/Ag = 1:1; (c) PMMA/Ag = 2:3; (d) PMMA/Ag = 1:2 and (e) PMMA/Ag = 2:5.