

Preparation of hydrophobic porous Au-Ag alloy nanoparticle arrays and SERS property

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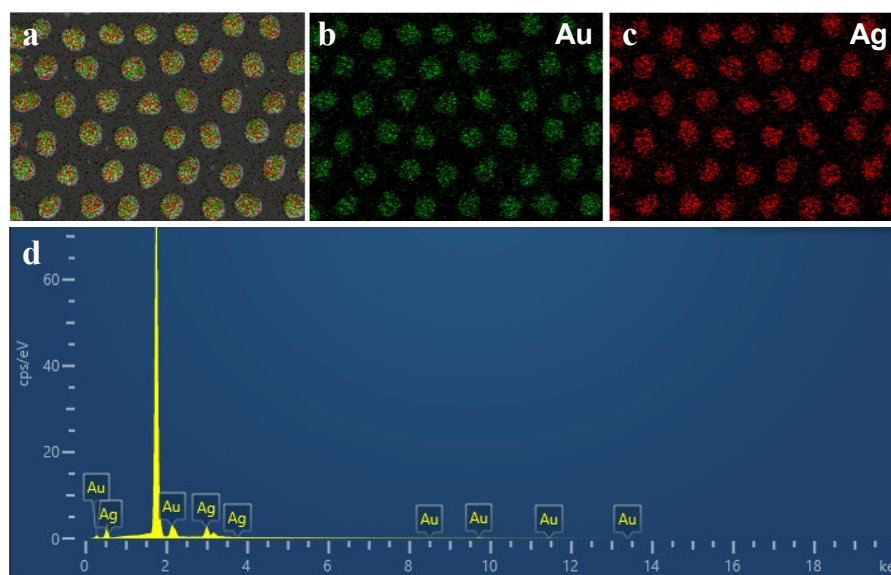


Fig. S1 The EDS elemental mapping (a-c) and EDS spectrum (d) of the Au-Ag alloy nanoparticle arrays.

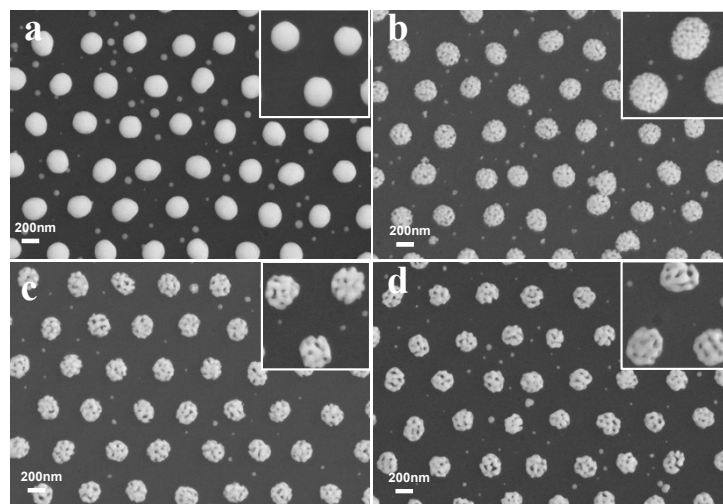


Fig.S2 SEM images of hydrophobic Au-Ag-Au alloy nanoparticles orderly array obtained by Ag deposition time: (a) 60 s, (b) 90 s, (c)120 s and (d) 150 s. Insert is the magnified SEM images of the obtained nanoparticle.