Rapid Synthesis of Highly Monodisperse Au_xAg_{1-x} Alloy Nanoparticles *via* a Half-Seeding Approach

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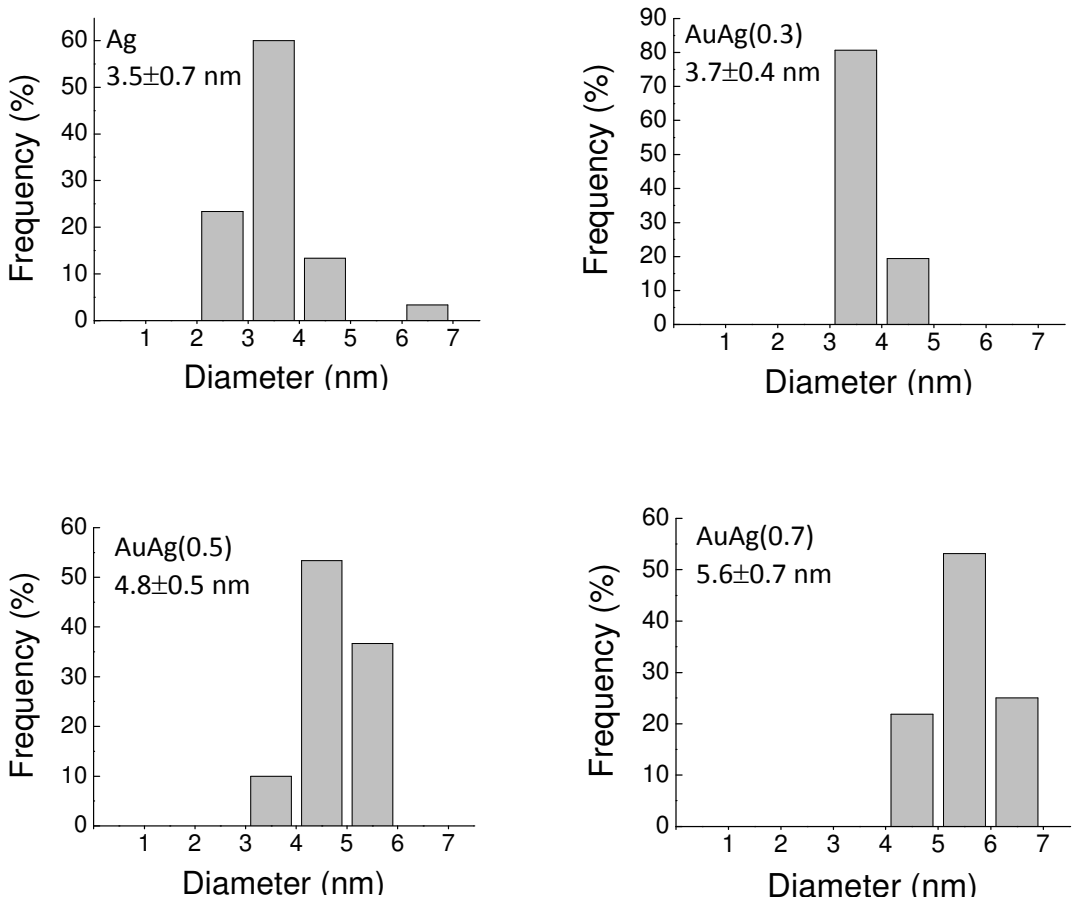
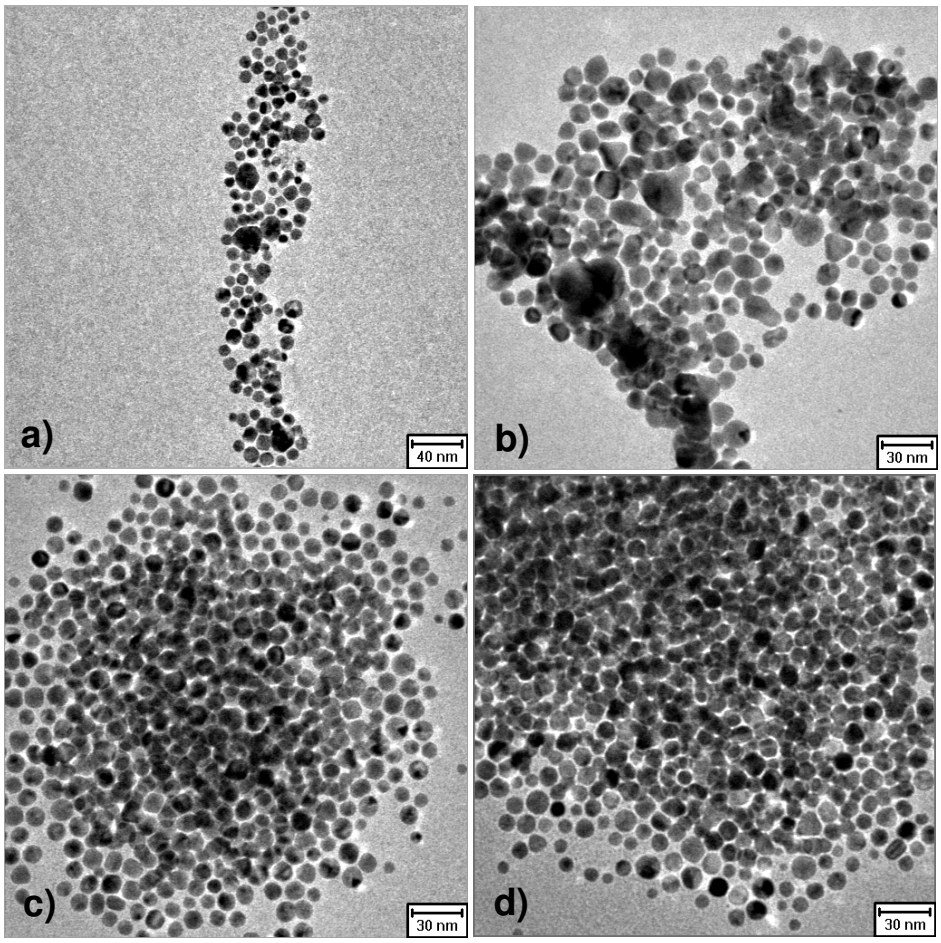
Supporting Information 1:

Particle histograms of Figure 4 in the main text.



Supporting Information 2:

(**a** & **b**) TEM images of Au nanoparticles prepared according to scheme b, Figure 1 of the main text; and (**c** & **d**) TEM images of Au nanoparticles prepared according to scheme a, Figure 1 of the main text.



Supporting Information 3:

Compositions of the nanoparticles using ICP-MS (Figure 4 in the main text).

Sample	Au mole fraction in feed	Au mole fraction in product (ICP-MS)
AuAg(0.3)	0.3	0.18
AuAg(0.5)	0.5	0.35
AuAg(0.7)	0.7	0.56