

Materials List for:

Large Area Substrate-Based Nanofabrication of Controllable and Customizable Gold Nanoparticles Via Capped Dewetting

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URL: <https://www.jove.com/video/58827>

DOI: [doi:10.3791/58827](https://doi.org/10.3791/58827)

Materials

Name	Company	Catalog Number	Comments
100 nm SiO ₂ /Si Substrate	University Wafer	Thermal Oxide Wafer	
Alumina Sputter Target (99.5%)	Kurt J. Lesker	Alumina Target	
Gold Wire (99.99%)	Kurt J. Lesker	Gold Wire	
H ₂ O ₂	Sigma-Aldrich		
Hot Plate	Thermo Scientific	Cimarec	
NH ₄ OH	Sigma-Aldrich		
Scanning Electron Microscope	FEI	Quanta 650	
Scanning Electron Microscope	FEI	Nova Nanolab 600	
Sputter Deposition System	AJA International	Orion-5	
Thermal Evaporator	Edwards	360	