

Materials List for:

Fabrication of Periodic Gold Nanocup Arrays Using Colloidal Lithography

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Materials

Name	Company	Catalog Number	Comments
Polystyrene microspheres	Bangs Laboratories, Inc.	PS02N	170 nm – 580 nm diameter
Silicon wafers	EI-CAT, Inc.	3489	300 mm thick, one side polished [100]
Adhesive tape	3M	Scotch 600	
Spin coater	Laurell	WS-650-23B	
Plasma etcher	Nordson March	AP-600	
Microspectrophotometer	CRAIC	380-PV	
Sonicator	VWR	97043-932	
Scintillation vials	Wheaton	986734	
5 um syringe filter	Millex	SLSV025LS	
Oxygen gas	Oxarc	PO249	Industrial Grade 99.5% purity
Vaccum pump	Kurt J. Lesker	Edwards 28	
Disposable syringes	Air Tite Products Co.	14-817-25	1 mL capacity
Water	Sigma-Aldrich	W4502	