

Materials List for:

Growth of Gold Dendritic Nanoforests on Titanium Nitride-coated Silicon Substrates

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Materials

Name	Company	Catalog Number	Comments
Acetone	Dinhaw Enterprise Co. Ltd., Taipei, Taiwan		
Isopropanol	Echo Chemical Co. Ltd., Miaoli, Taiwan	TG-078-000000-75NL	
Buffered Oxide Etch	Uni-onward Corp., Hsinchu, Taiwan	UR-BOE-1EA	
Chloroauric Acid	Alfa Aesar., Heysham, United Kingdom	36400.03	
N-Type Silicon Wafer	Summit-Tech Company, Hsinchu, Taiwan		
High-Power Impulse Magnetron Sputtering System (HiPIMS)	Melec GmbH, Germany		SPIK2000A
Scanning Electron Microscope (SEM)	JEOL, Japan		JSM-7800F
Ion Sputter Coater	Hitachi, Japan		E-1030
X-Ray Diffractometer (XRD)	PANalytical, The Netherlands		X'Pert PRO MRD