

Materials List for:

Ultrahigh Density Array of Vertically Aligned Small-molecular Organic Nanowires on Arbitrary Substrates

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URL: <https://www.jove.com/video/50706>

DOI: [doi:10.3791/50706](https://doi.org/10.3791/50706)

Materials

Name	Company	Catalog Number	Comments
Reagents			
Toluene	Fisher Scientific	T324-4	
68% Nitric Acid	Fisher Scientific	A200-212	
85% Phosphoric Acid	Fisher Scientific	A242-4	
10% Chromic Acid	RICCA Chemical Company	2077-32	
10% Oxalic Acid	Alfa Aesar	FW.90.04	
Chloroform	Fisher Scientific	C607-4	
Aluminum Sheets	Alfa Aesar	7429-90-5	
PCBM	Nano-C	Nano-CPCBM-BF	
Alq3	Sigma Aldrich	444561-5G	
Rubrene	Sigma Aldrich	551112-1G	
Equipment			
FlexAL Atomic Layer Deposition (ALD)	Oxford Instruments		For deposition of TiO ₂
PVD Sputter System	Kurt J. Lesker		For deposition of Au & Al
Flat Cell	Princeton Applied Research	K0235	For anodization of Al
Centrifuge	HERMLE Labnet	Z206 A	For deposition of organic nanowires