

Materials List for:

Simultaneous Multi-surface Anodizations and Stair-like Reverse Biases Detachment of Anodic Aluminum Oxides in Sulfuric and Oxalic Acid Electrolyte

Healin Im^{*1}, Seok Hwan Jeong^{*1}, Dong Hyuk Park², Sunkook Kim¹, Young Ki Hong¹

¹School of Advanced Materials Science and Engineering, Sungkyunkwan University

²Department of Applied Organic Materials Engineering, Inha University

*These authors contributed equally

Correspondence to: Dong Hyuk Park at donghyuk@inha.ac.kr, Young Ki Hong at imhyke0419@gmail.com

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Materials

Name	Company	Catalog Number	Comments
Sulfuric Acid>98%	DUKSAN reagent	5950	
Oxalic Acid Anhydrous, 99.5-100.2%	KANTO chemical	31045-73	
Phosphoric Acid, 85%	SAMCHUN chemical	P0463	
Perchloric Acid, 60%	SAMCHUN chemical	P0181	Highly Reactive
Chromium(VI) Oxide	Sigma Aldrich	232653	Strong Oxidizer
Ethanol, 95%	SAMCHUN chemical	E0219	
Absolute Ethanol, 99.9%	SAMCHUN chemical	E1320	
Double Jacket Beaker	iNexus	27-00292-05	
Low Temperature Bath Circulator	JEIO TECH	AAH57052K	
Programmable DC Power Supply	PNCYS	EDP-3001	
Aluminum Plate,>99.99%	Goodfellow		
Platinum Cylinder	Whatman	444685	
Pure & Ultra Pure Water System (Deionized Water)	Human Science	Pwer II & HIQ II	