

# Alexander Teklit Tesfaye

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Porous Silicon Nanotube Arrays as Anode Material for Li-Ion Batteries. ACS Applied Materials & Interfaces, 2015, 7, 20495-20498.	8.0	86
2	Niobium Alloying of Self-Organized TiO <sub>2</sub> Nanotubes as an Anode for Lithium-Ion Microbatteries. Advanced Materials Technologies, 2018, 3, 1700274.	5.8	33
3	Anodized Ti <sub>3</sub> SiC <sub>2</sub> As an Anode Material for Li-ion Microbatteries. ACS Applied Materials & Interfaces, 2016, 8, 16670-16676.	8.0	32
4	ALD growth of MoS <sub>2</sub> nanosheets on TiO <sub>2</sub> nanotube supports. FlatChem, 2019, 17, 100130.	5.6	22
5	The Electrochemical Behavior of SnSb as an Anode for Li-ion Batteries Studied by Electrochemical Impedance Spectroscopy and Electron Microscopy. Electrochimica Acta, 2017, 256, 155-161.	5.2	17
6	Tailoring the morphological properties of anodized Ti <sub>3</sub> SiC <sub>2</sub> for better power density of Li-ion microbatteries. Electrochemistry Communications, 2017, 81, 29-33.	4.7	15
7	Self-Supported Silicon Nanotube Arrays as an Anode Electrode for Li-Ion Batteries. ECS Transactions, 2017, 77, 349-350.	0.5	12
8	Self-supported sulphurized TiO <sub>2</sub> nanotube layers as positive electrodes for lithium microbatteries. Applied Materials Today, 2019, 16, 257-264.	4.3	10
9	TiO <sub>2</sub> Nanotube Layers Decorated with Al <sub>2</sub> O <sub>3</sub> /MoS <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> as Anode for Li-ion Microbatteries with Enhanced Cycling Stability. Nanomaterials, 2020, 10, 953.	4.1	9
10	Superior Electrochemical Performance of Thin-Film Thermoplastic Elastomer-Coated SnSb as an Anode for Li-ion Batteries. Scientific Reports, 2019, 9, 4301.	3.3	8
11	Understanding Solid Electrolyte Interfaces Film Formation on SnSb Anode Electrodes for Li-Ion Batteries. ECS Transactions, 2017, 77, 391-392.	0.5	0
12	Anodized Ti <sub>3</sub> SiC <sub>2</sub> as a Potential Anode Material for Li-Ion Microbatteries. ECS Transactions, 2017, 77, 351-352.	0.5	0
13	Anodized Ti <sub>3</sub> SiC <sub>2</sub> As a Potential Anode Material for Li-Ion Microbatteries. ECS Meeting Abstracts, 2017, , .	0.0	0
14	Self-supported Porous Silicon Nanotube Arrays As Anode Material for Li-ion Batteries. ECS Meeting Abstracts, 2017, , .	0.0	0
15	Understanding Solid Electrolyte Interfaces Film Formation on SnSb Anode Electrodes for Li-ion Batteries. ECS Meeting Abstracts, 2017, , .	0.0	0
16	Thermoplastic Elastomer Coated-Snsb As an Anode Electrode for Li-Ion Batteries. ECS Meeting Abstracts, 2019, , .	0.0	0