

Chueh Liu

List of Publications by Year in descending order

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22
papers

1,019
citations

471509

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677142

22
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22
all docs

22
docs citations

22
times ranked

1999
citing authors

#	ARTICLE	IF	CITATIONS
1	Scalable Synthesis of Nano-Silicon from Beach Sand for Long Cycle Life Li-ion Batteries. Scientific Reports, 2014, 4, 5623.	3.3	179
2	Atomic Layer Deposition of Platinum Nanoparticles on Carbon Nanotubes for Application in Proton Exchange Membrane Fuel Cells. Small, 2009, 5, 1535-1538.	10.0	174
3	Silicon and Carbon Nanocomposite Spheres with Enhanced Electrochemical Performance for Full Cell Lithium Ion Batteries. Scientific Reports, 2017, 7, 44838.	3.3	61
4	Fabrication of catalyst by atomic layer deposition for high specific power density proton exchange membrane fuel cells. Journal of Catalysis, 2012, 294, 63-68.	6.2	59
5	Oxygen etching of thick MoS ₂ films. Chemical Communications, 2014, 50, 11226-11229.	4.1	54
6	Template Free and Binderless NiO Nanowire Foam for Li-ion Battery Anodes with Long Cycle Life and Ultrahigh Rate Capability. Scientific Reports, 2016, 6, 29183.	3.3	54
7	Free-standing NiO nanofiber cloth anode for high capacity and high rate Li-ion batteries. Nano Energy, 2015, 18, 47-56.	16.0	53
8	Towards flexible binderless anodes: silicon/carbon fabrics via double-nozzle electrospinning. Chemical Communications, 2016, 52, 11398-11401.	4.1	52
9	Phase Engineering of 2D Tin Sulfides. Small, 2016, 12, 2998-3004.	10.0	51
10	Silicon Derived from Glass Bottles as Anode Materials for Lithium Ion Full Cell Batteries. Scientific Reports, 2017, 7, 917.	3.3	47
11	Deposition of platinum on oxygen plasma treated carbon nanotubes by atomic layer deposition. Nanotechnology, 2012, 23, 405603.	2.6	40
12	Bundled and dispersed carbon nanotube assemblies on graphite superstructures as free-standing lithium-ion battery anodes. Carbon, 2019, 142, 238-244.	10.3	40
13	Kinetics and electrochemical evolution of binary silicon-polymer systems for lithium ion batteries. RSC Advances, 2017, 7, 36541-36549.	3.6	30
14	High energy and power density Li ₂ O ₂ battery cathodes based on amorphous RuO ₂ loaded carbon free and binderless nickel nanofoam architectures. RSC Advances, 2016, 6, 81712-81718.	3.6	25
15	Conformational, Dynamical, and Tensional Study of Tethered Bilayer Lipid Membranes in Coarse-Grained Molecular Simulations. Langmuir, 2012, 28, 15907-15915.	3.5	23
16	Scalable, Binderless, and Carbonless Hierarchical Ni Nanodendrite Foam Decorated with Hydrous Ruthenium Dioxide for 1.6 V Symmetric Supercapacitors. Advanced Materials Interfaces, 2016, 3, 1500503.	3.7	22
17	Two step growth phenomena of molybdenum disulfide-tungsten disulfide heterostructures. Chemical Communications, 2015, 51, 11213-11216.	4.1	21
18	Facile Synthesis of Nickel Nanofoam Architectures for Applications in Li-ion Batteries. Energy Technology, 2017, 5, 422-427.	3.8	12

#	ARTICLE	IF	CITATIONS
19	Highâ€Potential Metalless Nanocarbon Foam Supercapacitors Operating in Aqueous Electrolyte. Small, 2018, 14, e1702444.	10.0	11
20	Deposition of Pt Nanoparticles on Oxygen Plasma Treated Carbon Nanotubes by Atomic Layer Deposition. ECS Transactions, 2008, 16, 855-862.	0.5	8
21	Silicon/polypyrrole nanocomposite wrapped with graphene for lithium ion anodes. MRS Advances, 2017, 2, 3323-3327.	0.9	2
22	Graphene/Ni Wire Foam with Multivalent Manganese Oxide Catalysts for Li-O2 Battery Cathode. MRS Advances, 2017, 2, 3403-3407.	0.9	1