Chueh Liu

List of Publications by Year
in descending order

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22	1,019	471509 17	677142 22
papers	citations	h-index	g-index

22	22	22	1999
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bundled and dispersed carbon nanotube assemblies on graphite superstructures as free-standing lithium-ion battery anodes. Carbon, 2019, 142, 238-244.	10.3	40
2	Highâ€Potential Metalless Nanocarbon Foam Supercapacitors Operating in Aqueous Electrolyte. Small, 2018, 14, e1702444.	10.0	11
3	Silicon Derived from Glass Bottles as Anode Materials for Lithium Ion Full Cell Batteries. Scientific Reports, 2017, 7, 917.	3.3	47
4	Silicon/polypyrrole nanocomposite wrapped with graphene for lithium ion anodes. MRS Advances, 2017, 2, 3323-3327.	0.9	2
5	Silicon and Carbon Nanocomposite Spheres with Enhanced Electrochemical Performance for Full Cell Lithium Ion Batteries. Scientific Reports, 2017, 7, 44838.	3.3	61
6	Kinetics and electrochemical evolution of binary siliconâ€“polymer systems for lithium ion batteries. RSC Advances, 2017, 7, 36541-36549.	3.6	30
7	Graphene/Ni Wire Foam with Multivalent Manganese Oxide Catalysts for Li-O2 Battery Cathode. MRS Advances, 2017, 2, 3403-3407.	0.9	1
8	Facile Synthesis of Nickel Nanofoam Architectures for Applications in Liâ€Ion Batteries. Energy Technology, 2017, 5, 422-427.	3.8	12
9	Phase Engineering of 2D Tin Sulfides. Small, 2016, 12, 2998-3004.	10.0	51
10	Towards flexible binderless anodes: silicon/carbon fabrics via double-nozzle electrospinning. Chemical Communications, 2016, 52, 11398-11401.	4.1	52
11	High energy and power density Liâ€“O₂ battery cathodes based on amorphous RuO₂ loaded carbon free and binderless nickel nanofoam architectures. RSC Advances, 2016, 6, 81712-81718.	3.6	25
12	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
13	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
14	Two step growth phenomena of molybdenum disulfideâ€“tungsten disulfide heterostructures. Chemical Communications, 2015, 51, 11213-11216.	4.1	21
15	Free-standing Niâ€“NiO nanofiber cloth anode for high capacity and high rate Li-ion batteries. Nano Energy, 2015, 18, 47-56.	16.0	53
16	Oxygen etching of thick MoS₂ films. Chemical Communications, 2014, 50, 11226-11229.	4.1	54
17	Scalable Synthesis of Nano-Silicon from Beach Sand for Long Cycle Life Li-ion Batteries. Scientific Reports, 2014, 4, 5623.	3.3	179
18	Conformational, Dynamical. and Tensional Study of Tethered Bilayer Lipid Membranes in Coarse-Grained Molecular Simulations. Langmuir, 2012, 28, 15907-15915.	3.5	23

#	Article	IF	Citations
19	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
20	Deposition of platinum on oxygen plasma treated carbon nanotubes by atomic layer deposition. Nanotechnology, 2012, 23, 405603.	2.6	40
21	Atomic Layer Deposition of Platinum Nanoparticles on Carbon Nanotubes for Application in Protonâ€Exchange Membrane Fuel Cells. Small, 2009, 5, 1535-1538.	10.0	174
22	Deposition of Pt Nanoparticles on Oxygen Plasma Treated Carbon Nanotubes by Atomic Layer Deposition. ECS Transactions, 2008, 16, 855-862.	0.5	8