

# Chanyuan Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11950533/publications.pdf>

Version: 2024-02-01

8  
papers

424  
citations

1478505

6  
h-index

1588992

8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

980  
citing authors

#	ARTICLE	IF	CITATIONS
1	An all-in-one nanopore battery array. <i>Nature Nanotechnology</i> , 2014, 9, 1031-1039.	31.5	203
2	DMSO $\text{Li}_2\text{O}$ Interface in the Rechargeable $\text{Li}_2\text{O}$ Battery Cathode: Theoretical and Experimental Perspectives on Stability. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 11402-11411.	8.0	66
3	ALD Protection of $\text{Li}$ -Metal Anode Surfaces – Quantifying and Preventing Chemical and Electrochemical Corrosion in Organic Solvent. <i>Advanced Materials Interfaces</i> , 2016, 3, 1600426.	3.7	54
4	Solid Electrolyte Lithium Phosphous Oxynitride as a Protective Nanocladding Layer for 3D High-Capacity Conversion Electrodes. <i>ACS Nano</i> , 2016, 10, 2693-2701.	14.6	48
5	Electrochemical Thin Layers in Nanostructures for Energy Storage. <i>Accounts of Chemical Research</i> , 2016, 49, 2336-2346.	15.6	24
6	High performance asymmetric $\text{V}_2\text{O}_5$ - $\text{SnO}_2$ nanopore battery by atomic layer deposition. <i>Nanoscale</i> , 2017, 9, 11566-11573.	5.6	22
7	Impact of pore size, interconnections, and dynamic conductivity on the electrochemistry of vanadium pentoxide in well defined porous structures. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 29708-29716.	2.8	4
8	Enhancing Lithium Insertion with Electrostatic Nanoconfinement in a Lithography Patterned Precision Cell. <i>ACS Nano</i> , 2019, 13, 8481-8489.	14.6	3