

# Nan Li

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

997  
citations

933447

10  
h-index

1058476

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

1651  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multifunctional interfacial and structural anode for dendrite-free lithium metal-based batteries. <i>Journal of Central South University</i> , 2022, 29, 373-385.	3.0	3
2	Effect of the supergravity on the formation and cycle life of non-aqueous lithium metal batteries. <i>Nature Communications</i> , 2022, 13, 5.	12.8	20
3	Numerical and experimental investigations on Mannesmann effect of nickel-based superalloy. <i>Archives of Civil and Mechanical Engineering</i> , 2022, 22, .	3.8	5
4	A High-Performance Lithium Metal Battery with Ion-Selective Nanofluidic Transport in a Conjugated Microporous Polymer Protective Layer. <i>Advanced Materials</i> , 2021, 33, e2006323.	21.0	64
5	Single crystal Cu (110) inducing lateral growth of electrodeposition Li for dendrite-free Li metal-based batteries. <i>Journal of Power Sources</i> , 2021, 501, 229969.	7.8	11
6	Reduced-Graphene-Oxide-Guided Directional Growth of Planar Lithium Layers. <i>Advanced Materials</i> , 2020, 32, e1907079.	21.0	70
7	Design principles of pseudocapacitive carbon anode materials for ultrafast sodium and potassium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2020, 8, 7756-7764.	10.3	16
8	Realizing Interfacial Electronic Interaction within ZnS Quantum Dots/Ni-GrGO Heterostructures for Efficient Li <sub>2</sub> CO <sub>3</sub> Batteries. <i>Advanced Energy Materials</i> , 2019, 9, 1901806.	19.5	101
9	Normalized Lithium Growth from the Nucleation Stage for Dendrite-Free Lithium Metal Anodes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18246-18251.	13.8	60
10	Normalized Lithium Growth from the Nucleation Stage for Dendrite-Free Lithium Metal Anodes. <i>Angewandte Chemie</i> , 2019, 131, 18414-18419.	2.0	10
11	Towards high energy-high power dendrite-free lithium metal batteries: The novel hydrated vanadium oxide/graphene-silicon nitride/lithium system. <i>Journal of Power Sources</i> , 2019, 417, 14-20.	7.8	9
12	Suppressing Dendritic Lithium Formation Using Porous Media in Lithium Metal-Based Batteries. <i>Nano Letters</i> , 2018, 18, 2067-2073.	9.1	154
13	A Scalable Approach to Dendrite-Free Lithium Anodes via Spontaneous Reduction of Spray-Coated Graphene Oxide Layers. <i>Advanced Materials</i> , 2018, 30, e1801213.	21.0	204
14	Graphene-Boosted, High-Performance Aqueous Zn-Ion Battery. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 25446-25453.	8.0	269
15	Investigations on external separation layer defect of nickel-based superalloy in rotary tube piercing process. <i>International Journal of Advanced Manufacturing Technology</i> , 0, , .	3.0	1