

Huan Ye

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

3,548
citations

236612

25
h-index

525886

27
g-index

27
all docs

27
docs citations

27
times ranked

3906
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphitized Carbon Fibers as Multifunctional 3D Current Collectors for High Areal Capacity Li Anodes. <i>Advanced Materials</i> , 2017, 29, 1700389.	11.1	495
2	Stable Li Plating/Stripping Electrochemistry Realized by a Hybrid Li Reservoir in Spherical Carbon Granules with 3D Conducting Skeletons. <i>Journal of the American Chemical Society</i> , 2017, 139, 5916-5922.	6.6	410
3	Free-Standing Hollow Carbon Fibers as High-Capacity Containers for Stable Lithium Metal Anodes. <i>Joule</i> , 2017, 1, 563-575.	11.7	329
4	Guiding Uniform Li Plating/Stripping through Lithium-Aluminum Alloying Medium for Long-Life Li Metal Batteries. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1094-1099.	7.2	287
5	Advanced Porous Carbon Materials for High-Efficient Lithium Metal Anodes. <i>Advanced Energy Materials</i> , 2017, 7, 1700530.	10.2	208
6	Tuning the porous structure of carbon hosts for loading sulfur toward long lifespan cathode materials for Li-S batteries. <i>Journal of Materials Chemistry A</i> , 2013, 1, 6602.	5.2	189
7	Synergism of Al-containing solid electrolyte interphase layer and Al-based colloidal particles for stable lithium anode. <i>Nano Energy</i> , 2017, 36, 411-417.	8.2	187
8	Recent progress on pristine metal/covalent-organic frameworks and their composites for lithium-sulfur batteries. <i>Energy and Environmental Science</i> , 2021, 14, 1835-1853.	15.6	150
9	Advanced Se-C nanocomposites: a bifunctional electrode material for both Li-Se and Li-ion batteries. <i>Journal of Materials Chemistry A</i> , 2014, 2, 13293.	5.2	133
10	Recent advances and prospects of layered transition metal oxide cathodes for sodium-ion batteries. <i>Energy Storage Materials</i> , 2020, 30, 9-26.	9.5	127
11	Topological design of ultrastrong MXene paper hosted Li enables ultrathin and fully flexible lithium metal batteries. <i>Nano Energy</i> , 2020, 74, 104817.	8.2	112
12	Realizing a highly stable sodium battery with dendrite-free sodium metal composite anodes and O3-type cathodes. <i>Nano Energy</i> , 2018, 48, 369-376.	8.2	99
13	Recent Progress in Designing Stable Composite Lithium Anodes with Improved Wettability. <i>Advanced Science</i> , 2020, 7, 2002212.	5.6	95
14	An Outlook on Low-Volume-Change Lithium Metal Anodes for Long-Life Batteries. <i>ACS Central Science</i> , 2020, 6, 661-671.	5.3	83
15	Nitrogen and Oxygen Co-doped Graphitized Carbon Fibers with Sodiophilic-Rich Sites Guide Uniform Sodium Nucleation for Ultrahigh-Capacity Sodium-Metal Anodes. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 30417-30425.	4.0	78
16	Fatigue-Resistant Interfacial Layer for Safe Lithium Metal Batteries. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 25508-25513.	7.2	73
17	Low volume change composite lithium metal anodes. <i>Nano Energy</i> , 2019, 64, 103910.	8.2	68
18	Graphitic Nanocarbon-Selenium Cathode with Favorable Rate Capability for Li-Se Batteries. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 8759-8765.	4.0	54

#	ARTICLE	IF	CITATIONS
19	3D MXene architectures as sulfur hosts for high-performance lithium-sulfur batteries. <i>Journal of Energy Chemistry</i> , 2022, 66, 429-439.	7.1	54
20	Three-dimensional carbon nanotube networks enhanced sodium trimesic: a new anode material for sodium ion batteries and Na-storage mechanism revealed by ex situ studies. <i>Journal of Materials Chemistry A</i> , 2017, 5, 16622-16629.	5.2	54
21	Guiding Uniform Li Plating/Stripping through Lithium-Aluminum Alloying Medium for Long-Life Li Metal Batteries. <i>Angewandte Chemie</i> , 2019, 131, 1106-1111.	1.6	52
22	Recent smart lithium anode configurations for high-energy lithium metal batteries. <i>Energy Storage Materials</i> , 2021, 38, 262-275.	9.5	47
23	Constructing a Stable Lithium Metal-Gel Electrolyte Interface for Quasi-Solid-State Lithium Batteries. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 30065-30070.	4.0	45
24	A super-lithiophilic nanocrystallization strategy for stable lithium metal anodes. <i>Nano Energy</i> , 2020, 73, 104731.	8.2	36
25	Onion-like carbon microspheres as long-life anodes materials for Na-ion batteries. <i>Journal of Materials Science</i> , 2018, 53, 12421-12431.	1.7	20
26	Fatigue-Resistant Interfacial Layer for Safe Lithium Metal Batteries. <i>Angewandte Chemie</i> , 2021, 133, 25712-25717.	1.6	7