

Yue Deng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3201440/publications.pdf>

Version: 2024-02-01

18
papers

2,056
citations

471061

17
h-index

839053

18
g-index

18
all docs

18
docs citations

18
times ranked

1808
citing authors

#	ARTICLE	IF	CITATIONS
1	Textured Electrodes: Manipulating Built-in Crystallographic Heterogeneity of Metal Electrodes via Severe Plastic Deformation. <i>Advanced Materials</i> , 2022, 34, e2106867.	11.1	62
2	Upgrading Carbonate Electrolytes for Ultra-stable Practical Lithium Metal Batteries. <i>Angewandte Chemie</i> , 2022, 134, e202116214.	1.6	9
3	Upgrading Carbonate Electrolytes for Ultra-stable Practical Lithium Metal Batteries. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202116214.	7.2	38
4	Production of fast-charge Zn-based aqueous batteries via interfacial adsorption of ion-oligomer complexes. <i>Nature Communications</i> , 2022, 13, 2283.	5.8	47
5	Structure and Evolution of Quasi-Solid-State Hybrid Electrolytes Formed Inside Electrochemical Cells. <i>Advanced Materials</i> , 2022, 34, .	11.1	30
6	Regulating electrodeposition morphology in high-capacity aluminium and zinc battery anodes using interfacial metal-substrate bonding. <i>Nature Energy</i> , 2021, 6, 398-406.	19.8	169
7	Stabilizing Zinc Electrodeposition in a Battery Anode by Controlling Crystal Growth. <i>Small</i> , 2021, 17, e2101798.	5.2	58
8	On the crystallography and reversibility of lithium electrodeposits at ultrahigh capacity. <i>Nature Communications</i> , 2021, 12, 6034.	5.8	70
9	The early-stage growth and reversibility of Li electrodeposition in Br-rich electrolytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	26
10	Designing electrolytes with polymerlike glass-forming properties and fast ion transport at low temperatures. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 26053-26060.	3.3	82
11	Regulating the growth of aluminum electrodeposits: towards anode-free Al batteries. <i>Journal of Materials Chemistry A</i> , 2020, 8, 23231-23238.	5.2	29
12	Designing Polymeric Interphases for Stable Lithium Metal Deposition. <i>Nano Letters</i> , 2020, 20, 5749-5758.	4.5	23
13	Spontaneous and field-induced crystallographic reorientation of metal electrodeposits at battery anodes. <i>Science Advances</i> , 2020, 6, eabb1122.	4.7	143
14	Electrodeposition of Zinc in Aqueous Electrolytes Containing High Molecular Weight Polymers. <i>Macromolecules</i> , 2020, 53, 2694-2701.	2.2	23
15	Achieving Uniform Lithium Electrodeposition in Cross-Linked Poly(ethylene oxide) Networks: Soft Polymers Prevent Metal Dendrite Proliferation. <i>Macromolecules</i> , 2020, 53, 5445-5454.	2.2	22
16	Reversible epitaxial electrodeposition of metals in battery anodes. <i>Science</i> , 2019, 366, 645-648.	6.0	1,097
17	On the Reversibility and Fragility of Sodium Metal Electrodes. <i>Advanced Energy Materials</i> , 2019, 9, 1901651.	10.2	48
18	Physical Orphaning versus Chemical Instability: Is Dendritic Electrodeposition of Li Fatal?. <i>ACS Energy Letters</i> , 2019, 4, 1349-1355.	8.8	80