

yulin Jie

List of Publications by Year in descending order

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19
papers

969
citations

623734

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794594

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20
docs citations

20
times ranked

1001
citing authors

#	ARTICLE	IF	CITATIONS
1	Advanced Liquid Electrolytes for Rechargeable Li Metal Batteries. <i>Advanced Functional Materials</i> , 2020, 30, 1910777.	14.9	201
2	Enabling High-Voltage Lithium Metal Batteries by Manipulating Solvation Structure in Ester Electrolyte. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3505-3510.	13.8	156
3	Enabling Stable Lithium Metal Anode through Electrochemical Kinetics Manipulation. <i>Advanced Functional Materials</i> , 2019, 29, 1904629.	14.9	82
4	Stable Sodium Metal Batteries via Manipulation of Electrolyte Solvation Structure. <i>Small Methods</i> , 2020, 4, 1900856.	8.6	73
5	Carbon materials for stable Li metal anodes: Challenges, solutions, and outlook. , 2021, 3, 957-975.		64
6	Electrolyte Solvation Manipulation Enables Unprecedented Room-Temperature Calcium-Metal Batteries. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 12689-12693.	13.8	61
7	Hollow CuS Nanoboxes as Li-Free Cathode for High-Rate and Long-Life Lithium Metal Batteries. <i>Advanced Energy Materials</i> , 2020, 10, 1903401.	19.5	56
8	Promoting Mechanistic Understanding of Lithium Deposition and Solid-Electrolyte Interphase (SEI) Formation Using Advanced Characterization and Simulation Methods: Recent Progress, Limitations, and Future Perspectives. <i>Advanced Energy Materials</i> , 2022, 12, .	19.5	47
9	Enabling High-Voltage Lithium Metal Batteries by Manipulating Solvation Structure in Ester Electrolyte. <i>Angewandte Chemie</i> , 2020, 132, 3533-3538.	2.0	39
10	Stable cycling of Na metal anodes in a carbonate electrolyte. <i>Chemical Communications</i> , 2019, 55, 14375-14378.	4.1	38
11	Engineering rGO/MXene Hybrid Film as an Anode Host for Stable Sodium-Metal Batteries. <i>Energy & Fuels</i> , 2021, 35, 4587-4595.	5.1	38
12	An Implantable Artificial Protective Layer Enables Stable Sodium Metal Anodes. <i>ACS Applied Energy Materials</i> , 2020, 3, 8688-8694.	5.1	32
13	Hybrid MgCl ₂ /AlCl ₃ /Mg(TFSI) ₂ Electrolytes in DME Enabling High-Rate Rechargeable Mg Batteries. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 30712-30721.	8.0	25
14	Conductive metal-organic frameworks promoting polysulfides transformation in lithium-sulfur batteries. <i>Journal of Energy Chemistry</i> , 2021, 63, 336-343.	12.9	17
15	Deciphering pitting behavior of lithium metal anodes in lithium sulfur batteries. <i>Journal of Energy Chemistry</i> , 2020, 49, 257-261.	12.9	14
16	Modulating Lithium Nucleation Behavior through Ultrathin Interfacial Layer for Superior Lithium Metal Batteries. <i>ACS Applied Energy Materials</i> , 2020, 3, 6692-6699.	5.1	8
17	Electrolyte Solvation Manipulation Enables Unprecedented Room-Temperature Calcium-Metal Batteries. <i>Angewandte Chemie</i> , 2020, 132, 12789-12793.	2.0	5
18	Synthesis and Electrochemical Investigation of O3-Type High-nickel NCM Cathodes for Sodium-ion Batteries. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 280-285.	2.6	5

#	ARTICLE	IF	CITATIONS
19	Regulating surface chemistry of separator with LiF for advanced Li-S batteries. <i>Frontiers in Energy</i> , 2022, 16, 601-606.	2.3	4