

Tong-Tong Zuo

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

3,734
citations

304368

22
h-index

610482

24
g-index

24
all docs

24
docs citations

24
times ranked

4094
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	Subzero-Temperature Cathode for a Sodium-Ion Battery. <i>Advanced Materials</i> , 2016, 28, 7243-7248.	11.1	406
3	Towards better Li metal anodes: Challenges and strategies. <i>Materials Today</i> , 2020, 33, 56-74.	8.3	404
4	Stable Li Metal Anodes via Regulating Lithium Plating/Stripping in Vertically Aligned Microchannels. <i>Advanced Materials</i> , 2017, 29, 1703729.	11.1	381
5	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
6	Engineering Janus Interfaces of Ceramic Electrolyte via Distinct Functional Polymers for Stable High-Voltage Li-Metal Batteries. <i>Journal of the American Chemical Society</i> , 2019, 141, 9165-9169.	6.6	272
7	High areal capacity, long cycle life 4%V ceramic all-solid-state Li-ion batteries enabled by chloride solid electrolytes. <i>Nature Energy</i> , 2022, 7, 83-93.	19.8	249
8	Tuning wettability of molten lithium via a chemical strategy for lithium metal anodes. <i>Nature Communications</i> , 2019, 10, 4930.	5.8	181
9	Nitriding-Interface-Regulated Lithium Plating Enables Flame-Retardant Electrolytes for High-Voltage Lithium Metal Batteries. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7802-7807.	7.2	161
10	Trapping Lithium into Hollow Silica Microspheres with a Carbon Nanotube Core for Dendrite-Free Lithium Metal Anodes. <i>Nano Letters</i> , 2018, 18, 297-301.	4.5	130
11	An Abnormal 3.7-Volt O ₃ -Type Sodium-Ion Battery Cathode. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8178-8183.	7.2	109
12	Viscoelastic and Nonflammable Interface Design-Enabled Dendrite-Free and Safe Solid Lithium Metal Batteries. <i>Advanced Energy Materials</i> , 2019, 9, 1803854.	10.2	93
13	A mechanistic investigation of the Li ₁₀ GeP ₂ S ₁₂ LiNi _{1-x-y} CoxMnyO ₂ interface stability in all-solid-state lithium batteries. <i>Nature Communications</i> , 2021, 12, 6669.	5.8	72
14	Honeycomb-Ordered Na ₃ Ni _{1.5} M _{0.5} BiO ₆ (M = Ni, Cu) Tj ETQq0 0 0 rgBT /Overlock 2715-2722.	8.8	70
15	Stabilizing Polymer-Lithium Interface in a Rechargeable Solid Battery. <i>Advanced Functional Materials</i> , 2020, 30, 1908047.	7.8	59
16	Interfacial Evolution of Lithium Dendrites and Their Solid Electrolyte Interphase Shells of Quasi-Solid-State Lithium-Metal Batteries. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 18120-18125.	7.2	59
17	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
18	In situ fluorinated solid electrolyte interphase towards long-life lithium metal anodes. <i>Nano Research</i> , 2020, 13, 430-436.	5.8	49

#	ARTICLE	IF	CITATIONS
19	Nitridingâ€”Interfaceâ€”Regulated Lithium Plating Enables Flameâ€”Retardant Electrolytes for Highâ€”Voltage Lithium Metal Batteries. <i>Angewandte Chemie</i> , 2019, 131, 7884-7889.	1.6	47
20	Constructing a Stable Lithium Metalâ€”Gel Electrolyte Interface for Quasi-Solid-State Lithium Batteries. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 30065-30070.	4.0	45
21	Novel P2-type Na _{2/3} Ni _{1/6} Mg _{1/6} Ti _{2/3} O ₂ as an anode material for sodium-ion batteries. <i>Chemical Communications</i> , 2017, 53, 1957-1960.	2.2	43
22	Designing High-Performance Composite Electrodes for Vanadium Redox Flow Batteries: Experimental and Computational Investigation. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 22381-22388.	4.0	42
23	An Abnormal 3.7â€”Volt O3â€”Type Sodiumâ€”ion Battery Cathode. <i>Angewandte Chemie</i> , 2018, 130, 8310-8315.	1.6	23
24	Interfacial Evolution of Lithium Dendrites and Their Solid Electrolyte Interphase Shells of Quasiâ€”Solidâ€”State Lithiumâ€”Metal Batteries. <i>Angewandte Chemie</i> , 2020, 132, 18277-18282.	1.6	5