

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

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610482

24
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docs citations

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times ranked

4094
citing authors

#	ARTICLE	IF	CITATIONS
1	High areal capacity, long cycle life 4.4 V ceramic all-solid-state Li-ion batteries enabled by chloride solid electrolytes. <i>Nature Energy</i> , 2022, 7, 83-93.	19.8	249
2	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
3	Towards better Li metal anodes: Challenges and strategies. <i>Materials Today</i> , 2020, 33, 56-74.	8.3	404
4	Stabilizing Polymer-Lithium Interface in a Rechargeable Solid Battery. <i>Advanced Functional Materials</i> , 2020, 30, 1908047.	7.8	59
5	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
6	Interfacial Evolution of Lithium Dendrites and Their Solid Electrolyte Interphase Shells of Quasi-Solid-State Lithium-Metal Batteries. <i>Angewandte Chemie</i> , 2020, 132, 18277-18282.	1.6	5
7	In situ fluorinated solid electrolyte interphase towards long-life lithium metal anodes. <i>Nano Research</i> , 2020, 13, 430-436.	5.8	49
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	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
10	Nitriding-Interface-Regulated Lithium Plating Enables Flame-Retardant Electrolytes for High-Voltage Lithium Metal Batteries. <i>Angewandte Chemie</i> , 2019, 131, 7884-7889.	1.6	47
11	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
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	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
14	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
15	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
16	An Abnormal 3.7 V Type Sodium-Ion Battery Cathode. <i>Angewandte Chemie</i> , 2018, 130, 8310-8315.	1.6	23
17	An Abnormal 3.7 V Type Sodium-Ion Battery Cathode. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8178-8183.	7.2	109
18	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

#	ARTICLE	IF	CITATIONS
19	Designing High-Performance Composite Electrodes for Vanadium Redox Flow Batteries: Experimental and Computational Investigation. ACS Applied Materials & Interfaces, 2018, 10, 22381-22388.	4.0	42
20	Novel P2-type $\text{Na}_{2/3}\text{Ni}_{1/6}\text{Mg}_{1/6}\text{Ti}_{2/3}\text{O}_2$ as an anode material for sodium-ion batteries. Chemical Communications, 2017, 53, 1957-1960.	2.2	43
21	Honeycomb-Ordered $\text{Na}_3\text{Ni}_{1.5}\text{M}_{0.5}\text{BiO}_6$ (M = Ni, Cu) Tj ETQq1 1 0.784314 rgB 2715-2722.	8.8	70
22	Stable Li Metal Anodes via Regulating Lithium Plating/Stripping in Vertically Aligned Microchannels. Advanced Materials, 2017, 29, 1703729.	11.1	381
23	Graphitized Carbon Fibers as Multifunctional 3D Current Collectors for High Areal Capacity Li Anodes. Advanced Materials, 2017, 29, 1700389.	11.1	495
24	Subzero-Temperature Cathode for a Sodium-Ion Battery. Advanced Materials, 2016, 28, 7243-7248.	11.1	406