

Shuangjie Tan

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,618
citations

567281

15
h-index

713466

21
g-index

22
all docs

22
docs citations

22
times ranked

2065
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Advancements in Polymer-Based Composite Electrolytes for Rechargeable Lithium Batteries. <i>Electrochemical Energy Reviews</i> , 2018, 1, 113-138.	25.5	290
2	Extremely Weak van der Waals Coupling in Vertical ReS_2 Nanowalls for High-Current-Density Lithium-Ion Batteries. <i>Advanced Materials</i> , 2016, 28, 2616-2623.	21.0	204
3	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.	13.8	161
4	Layered Oxide Cathodes Promoted by Structure Modulation Technology for Sodium-Ion Batteries. <i>Advanced Functional Materials</i> , 2020, 30, 2001334.	14.9	142
5	Self-Healable Solid Polymeric Electrolytes for Stable and Flexible Lithium Metal Batteries. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18146-18149.	13.8	128
6	Building an Air Stable and Lithium Deposition Regulable Garnet Interface from Moderate-Temperature Conversion Chemistry. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 12069-12075.	13.8	128
7	Advanced Electrolytes Enabling Safe and Stable Rechargeable Li-Metal Batteries: Progress and Prospects. <i>Advanced Functional Materials</i> , 2021, 31, 2105253.	14.9	102
8	In-situ encapsulating flame-retardant phosphate into robust polymer matrix for safe and stable quasi-solid-state lithium metal batteries. <i>Energy Storage Materials</i> , 2021, 39, 186-193.	18.0	98
9	Formulating the Electrolyte Towards High-Energy and Safe Rechargeable Lithium-Metal Batteries. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 16554-16560.	13.8	80
10	Stabilizing Polymer-Lithium Interface in a Rechargeable Solid Battery. <i>Advanced Functional Materials</i> , 2020, 30, 1908047.	14.9	59
11	Nitriding-Interface-Regulated Lithium Plating Enables Flame-Retardant Electrolytes for High-Voltage Lithium Metal Batteries. <i>Angewandte Chemie</i> , 2019, 131, 7884-7889.	2.0	47
12	Large-Scale Synthesis of the Stable Co-Free Layered Oxide Cathode by the Synergetic Contribution of Multielement Chemical Substitution for Practical Sodium-Ion Battery. <i>Research</i> , 2020, 2020, 1469301.	5.7	33
13	Building an Air Stable and Lithium Deposition Regulable Garnet Interface from Moderate-Temperature Conversion Chemistry. <i>Angewandte Chemie</i> , 2020, 132, 12167-12173.	2.0	30
14	A Stable Biomass-Derived Hard Carbon Anode for High-Performance Sodium-Ion Full Battery. <i>Energy Technology</i> , 2021, 9, 2000730.	3.8	26
15	Printed Nanochain-Based Colorimetric Assay for Quantitative Virus Detection. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 24234-24240.	13.8	26
16	Self-Healable Solid Polymeric Electrolytes for Stable and Flexible Lithium Metal Batteries. <i>Angewandte Chemie</i> , 2019, 131, 18314-18317.	2.0	13
17	Hydrogen Isotope Effects on Aqueous Electrolyte for Electrochemical Lithium-Ion Storage. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	13
18	Formulating the Electrolyte Towards High-Energy and Safe Rechargeable Lithium-Metal Batteries. <i>Angewandte Chemie</i> , 2021, 133, 16690-16696.	2.0	12

#	ARTICLE	IF	CITATIONS
19	Fullerene-Derivative C60-(OLi)n Modified Separators toward Stable Wide-Temperature Lithium Metal Batteries. <i>Chemical Engineering Journal</i> , 2022, 446, 137207.	12.7	9
20	Synthesis of sulfur encapsulated 3D graphene sponge driven by micro-pump and its application in Li-S battery. <i>Journal of Materiomics</i> , 2015, 1, 333-339.	5.7	7
21	Printed Nanochain-Based Colorimetric Assay for Quantitative Virus Detection. <i>Angewandte Chemie</i> , 2021, 133, 24436-24442.	2.0	7
22	Hydrogen Isotope Effects on Aqueous Electrolyte for Electrochemical Lithium-Ion Storage. <i>Angewandte Chemie</i> , 0, , .	2.0	3