Jiangping Tu

List of Publications by Year in descending order

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132	10,791	15504 65	32842 100
papers	citations	h-index	g-index

132	132	132	10365
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Popcorn Inspired Porous Macrocellular Carbon: Rapid Puffing Fabrication from Rice and Its Applications in Lithiumâ€“Sulfur Batteries. Advanced Energy Materials, 2018, 8, 1701110.	19.5	361
2	Confining Sulfur in Integrated Composite Scaffold with Highly Porous Carbon Fibers/Vanadium Nitride Arrays for Highâ€Performance Lithiumâ€“Sulfur Batteries. Advanced Functional Materials, 2018, 28, 1706391.	14.9	350
3	Graphene Sheet/Porous NiO Hybrid Film for Supercapacitor Applications. Chemistry - A European Journal, 2011, 17, 10898-10905.	3.3	266
4	Exploring Advanced Sandwiched Arrays by Vertical Graphene and Nâ€Doped Carbon for Enhanced Sodium Storage. Advanced Energy Materials, 2017, 7, 1601804.	19.5	243
5	3D TiC/C Core/Shell Nanowire Skeleton for Dendriteâ€Free and Longâ€Life Lithium Metal Anode. Advanced Energy Materials, 2018, 8, 1702322.	19.5	237
6	Interface engineering of sulfide electrolytes for all-solid-state lithium batteries. Nano Energy, 2018, 53, 958-966.	16.0	227
7	Multiscale Grapheneâ€Based Materials for Applications in Sodium Ion Batteries. Advanced Energy Materials, 2019, 9, 1803342.	19.5	215
8	Electrode Design for Lithiumâ€“Sulfur Batteries: Problems and Solutions. Advanced Functional Materials, 2020, 30, 1910375.	14.9	206
9	Controllable Growth of Conducting Polymers Shell for Constructing High-Quality Organic/Inorganic Core/Shell Nanostructures and Their Optical-Electrochemical Properties. Nano Letters, 2013, 13, 4562-4568.	9.1	197
10	High Interfacial-Energy Interphase Promoting Safe Lithium Metal Batteries. Journal of the American Chemical Society, 2020, 142, 2438-2447.	13.7	195
11	An ex-situ nitridation route to synthesize Li 3 N-modified Li anodes for lithium secondary batteries. Journal of Power Sources, 2015, 277, 304-311.	7.8	174
12	Spinel Manganeseâ€“Nickelâ€“Cobalt Ternary Oxide Nanowire Array for High-Performance Electrochemical Capacitor Applications. ACS Applied Materials & Interfaces, 2014, 6, 18040-18047.	8.0	172
13	An all-solid-state electrochromic device based on NiO/WO3 complementary structure and solid hybrid polyelectrolyte. Solar Energy Materials and Solar Cells, 2009, 93, 1840-1845.	6.2	170
14	Implanting Niobium Carbide into Trichoderma Spore Carbon: a New Advanced Host for Sulfur Cathodes. Advanced Materials, 2019, 31, e1900009.	21.0	168
15	Sulfur/three-dimensional graphene composite for high performance lithiumâ€“sulfur batteries. Journal of Power Sources, 2015, 275, 22-25.	7.8	155
16	Facile fabrication of integrated three-dimensional C-MoSe2/reduced graphene oxide composite with enhanced performance for sodium storage. Nano Research, 2016, 9, 1618-1629.	10.4	152
17	Perovskite solar cell powered electrochromic batteries for smart windows. Materials Horizons, 2016, 3, 588-595.	12.2	148
18	Natural biomass-derived carbons for electrochemical energy storage. Materials Research Bulletin, 2017, 88, 234-241.	5.2	146

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19	Smart Construction of Integrated CNTs/Li₄Ti₅O₁₂ Core/Shell Arrays with Superior Highâ€Rate Performance for Application in Lithiumâ€Ion Batteries. Advanced Science, 2018, 5, 1700786.	11.2	146
20	Preparation of Li7P3S11 glass-ceramic electrolyte by dissolution-evaporation method for all-solid-state lithium ion batteries. Electrochimica Acta, 2016, 219, 235-240.	5.2	145
21	Enhancing Ultrafast Lithium Ion Storage of Li₄Ti₅O₁₂ by Tailored TiC/C Core/Shell Skeleton Plus Nitrogen Doping. Advanced Functional Materials, 2018, 28, 1802756.	14.9	145
22	Electrochromic behavior of WO3 nanotree films prepared by hydrothermal oxidation. Solar Energy Materials and Solar Cells, 2011, 95, 2107-2112.	6.2	141
23	Porous reduced graphene oxide sheet wrapped silicon composite fabricated by steam etching for lithium-ion battery application. Journal of Power Sources, 2015, 286, 431-437.	7.8	141
24	Porous Carbon Hosts for Lithiumâ€“Sulfur Batteries. Chemistry - A European Journal, 2019, 25, 3710-3725.	3.3	136
25	In Situ Solid Electrolyte Interphase from Spray Quenching on Molten Li: A New Way to Construct Highâ€Performance Lithiumâ€Metal Anodes. Advanced Materials, 2019, 31, e1806470.	21.0	133
26	Dual electrochromic film based on WO3/polyaniline core/shell nanowire array. Solar Energy Materials and Solar Cells, 2014, 122, 51-58.	6.2	121
27	Boosting sodium ion storage by anchoring MoO₂ on vertical graphene arrays. Journal of Materials Chemistry A, 2018, 6, 15546-15552.	10.3	118
28	A Newly Designed Composite Gel Polymer Electrolyte Based on Poly(Vinylidene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (Fluorideâ - A European Journal, 2017, 23, 15203-15209.	3.3	117
29	Anchoring MnO2 on nitrogen-doped porous carbon nanosheets as flexible arrays cathodes for advanced rechargeable Znâ€“MnO2 batteries. Energy Storage Materials, 2020, 29, 52-59.	18.0	117
30	A poly (vinylidene fluoride-hexafluoropropylene) based three-dimensional network gel polymer electrolyte for solid-state lithium-sulfur batteries. Chemical Engineering Journal, 2019, 358, 1047-1053.	12.7	116
31	Efficient electrochromic materials based on TiO2@WO3 core/shell nanorod arrays. Solar Energy Materials and Solar Cells, 2013, 117, 231-238.	6.2	114
32	Growth of vertically aligned hierarchical WO3 nano-architecture arrays on transparent conducting substrates with outstanding electrochromic performance. Solar Energy Materials and Solar Cells, 2014, 124, 103-110.	6.2	114
33	Exploring Selfâ€Healing Liquid Naâ€“K Alloy for Dendriteâ€Free Electrochemical Energy Storage. Advanced Materials, 2018, 30, e1804011.	21.0	112
34	Hierarchical porous Ti₂Nb₁₀O₂₉ nanospheres as superior anode materials for lithium ion storage. Journal of Materials Chemistry A, 2017, 5, 21134-21139.	10.3	111
35	NiO nanoflakes grown on porous graphene frameworks as advanced electrochemical pseudocapacitor materials. Journal of Power Sources, 2014, 259, 98-105.	7.8	106
36	Sulfur nanocrystals anchored graphene composite with highly improved electrochemical performance for lithiumâ€“sulfur batteries. Journal of Power Sources, 2014, 270, 1-8.	7.8	106

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37	Nitrogen-doped carbon shell on metal oxides core arrays as enhanced anode for lithium ion batteries. Journal of Alloys and Compounds, 2016, 688, 729-735.	5.5	106
38	Strawâ€“Brickâ€Like Carbon Fiber Cloth/Lithium Composite Electrode as an Advanced Lithium Metal Anode. Small Methods, 2018, 2, 1800035.	8.6	106
39	Nitrogenâ€Doped Carbon Embedded MoS₂ Microspheres as Advanced Anodes for Lithiumâ€and Sodiumâ€Ion Batteries. Chemistry - A European Journal, 2016, 22, 11617-11623.	3.3	104
40	Vertical graphene/Ti2Nb10O29/hydrogen molybdenum bronze composite arrays for enhanced lithium ion storage. Energy Storage Materials, 2018, 12, 137-144.	18.0	103
41	Rationally Designed Silicon Nanostructures as Anode Material for Lithiumâ€Ion Batteries. Advanced Engineering Materials, 2018, 20, 1700591.	3.5	97
42	Interfacial challenges and progress for inorganic all-solid-state lithium batteries. Electrochimica Acta, 2018, 284, 177-187.	5.2	95
43	Bi-functional Mo-doped WO3 nanowire array electrochromism-plus electrochemical energy storage. Journal of Colloid and Interface Science, 2016, 465, 112-120.	9.4	94
44	Original growth mechanism for ultra-stable dendrite-free potassium metal electrode. Nano Energy, 2019, 62, 367-375.	16.0	93
45	Constructed TiO₂/NiO Core/Shell Nanorod Array for Efficient Electrochromic Application. Journal of Physical Chemistry C, 2014, 118, 6690-6696.	3.1	90
46	Integrated 3D porous C-MoS2/nitrogen-doped graphene electrode for high capacity and prolonged stability lithium storage. Journal of Power Sources, 2015, 296, 392-399.	7.8	90
47	Magnetron sputtering amorphous carbon coatings on metallic lithium: Towards promising anodes for lithium secondary batteries. Journal of Power Sources, 2014, 266, 43-50.	7.8	89
48	Three-dimensional porous nano-Ni supported silicon composite film for high-performance lithium-ion batteries. Journal of Power Sources, 2012, 213, 106-111.	7.8	88
49	All-solid-state electrochromic devices based on WO3 | |NiO films: material developments and future applications. Science China Chemistry, 2017, 60, 3-12.	8.2	88
50	Self-assembly silicon/porous reduced graphene oxide composite film as a binder-free and flexible anode for lithium-ion batteries. Electrochimica Acta, 2015, 156, 86-93.	5.2	87
51	A novel durable double-conductive core-shell structure applying to the synthesis of silicon anode for lithium ion batteries. Journal of Power Sources, 2018, 384, 207-213.	7.8	87
52	Coupling a Sponge Metal Fibers Skeleton with In Situ Surface Engineering to Achieve Advanced Electrodes for Flexible Lithiumâ€“Sulfur Batteries. Advanced Materials, 2020, 32, e2003657.	21.0	86
53	A CNT cocoon on sodium manganate nanotubes forming a core/branch cathode coupled with a helical carbon nanofibre anode for enhanced sodium ion batteries. Journal of Materials Chemistry A, 2016, 4, 11207-11213.	10.3	85
54	A superior composite gel polymer electrolyte of Li7La3Zr2O12- poly(vinylidene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (fluoride-he Materials Research Bulletin, 2018, 102, 412-417.	5.2	81

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55	Binder-free network-enabled MoS2-PPY-rGO ternary electrode for high capacity and excellent stability of lithium storage. Journal of Power Sources, 2016, 307, 510-518.	7.8	80
56	Superior high-rate lithium-ion storage on Ti2Nb10O29 arrays via synergistic TiC/C skeleton and N-doped carbon shell. Nano Energy, 2018, 54, 304-312.	16.0	80
57	Graphene-coated mesoporous carbon/sulfur cathode with enhanced cycling stability. Electrochimica Acta, 2013, 113, 256-262.	5.2	79
58	Integration of Energy Harvesting and Electrochemical Storage Devices. Advanced Materials Technologies, 2017, 2, 1700182.	5.8	78
59	Facile interfacial modification via in-situ ultraviolet solidified gel polymer electrolyte for high-performance solid-state lithium ion batteries. Journal of Power Sources, 2019, 409, 31-37.	7.8	76
60	High-energy cathode materials for Li-ion batteries: A review of recent developments. Science China Technological Sciences, 2015, 58, 1809-1828.	4.0	74
61	Hybrid vertical graphene/lithium titanateâ€“CNTs arrays for lithium ion storage with extraordinary performance. Journal of Materials Chemistry A, 2017, 5, 8916-8921.	10.3	71
62	Rational coating of Li7P3S11 solid electrolyte on MoS2 electrode for all-solid-state lithium ion batteries. Journal of Power Sources, 2018, 374, 107-112.	7.8	71
63	Exploring hydrogen molybdenum bronze for sodium ion storage: Performance enhancement by vertical graphene core and conductive polymer shell. Nano Energy, 2018, 44, 265-271.	16.0	69
64	Construction of Allâ€Solidâ€State Batteries based on a Sulfurâ€Graphene Composite and Li_{9.54}Si_{1.74}P_{1.44}S_{11.7}Cl_{0.3} Solid Electrolyte. Chemistry - A European Journal, 2017, 23, 13950-13956.	3.3	68
65	Fast electrochromic properties of self-supported Co3O4 nanowire array film. Solar Energy Materials and Solar Cells, 2010, 94, 386-389.	6.2	66
66	Silicon/graphene-sheet hybrid film as anode for lithium ion batteries. Electrochemistry Communications, 2012, 23, 17-20.	4.7	65
67	Rational in-situ construction of three-dimensional reduced graphene oxide supported Li2S/C composite as enhanced cathode for rechargeable lithiumâ€sulfur batteries. Journal of Power Sources, 2015, 299, 293-300.	7.8	65
68	Hierarchical MoS₂/Carbon Composite Microspheres as Advanced Anodes for Lithium/Sodiumâ€Ion Batteries. Chemistry - A European Journal, 2018, 24, 11220-11226.	3.3	65
69	Rational construction of a metal core for smart combination with Li₄Ti₅O₁₂ as integrated arrays with superior high-rate Li-ion storage performance. Journal of Materials Chemistry A, 2017, 5, 1394-1399.	10.3	64
70	In situ formation of a Li₃N-rich interface between lithium and argyrodite solid electrolyte enabled by nitrogen doping. Journal of Materials Chemistry A, 2021, 9, 13531-13539.	10.3	62
71	Ultra fast electrochromic switching of nanostructured NiO films electrodeposited from choline chloride-based ionic liquid. Electrochimica Acta, 2013, 87, 341-347.	5.2	57
72	Li2S@C composite incorporated into 3D reduced graphene oxide as a cathode material for lithium-sulfur batteries. Journal of Power Sources, 2016, 313, 233-239.	7.8	57

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73	Metal-Embedded Porous Graphitic Carbon Fibers Fabricated from Bamboo Sticks as a Novel Cathode for Lithiumâ€“Sulfur Batteries. ACS Applied Materials & Interfaces, 2018, 10, 13598-13605.	8.0	57
74	Hollow Li1.2Mn0.5Co0.25Ni0.05O2 microcube prepared by binary template as a cathode material for lithium ion batteries. Journal of Power Sources, 2014, 257, 198-204.	7.8	56
75	Multiscale Porous Carbon Nanomaterials for Applications in Advanced Rechargeable Batteries. Batteries and Supercaps, 2019, 2, 9-36.	4.7	56
76	A Versatile Li_{6.5}In_{0.25}P_{0.75}S₅I Sulfide Electrolyte Triggered by Ultimateâ€Energy Mechanical Alloying for Allâ€Solidâ€State Lithium Metal Batteries. Advanced Energy Materials, 2021, 11, 2101521.	19.5	55
77	A preeminent gel blending polymer electrolyte of poly(vinylidene fluoride-hexafluoropropylene) -poly(propylene carbonate) for solid-state lithium ion batteries. Electrochimica Acta, 2019, 296, 1064-1069.	5.2	54
78	Recent Developments of Allâ€Solidâ€State Lithium Secondary Batteries with Sulfide Inorganic Electrolytes. Chemistry - A European Journal, 2018, 24, 6007-6018.	3.3	52
79	Boosting Highâ€Rate Sodium Storage Performance of Nâ€Doped Carbonâ€Encapsulated Na₃V₂(PO₄)₃ Nanoparticles Anchoring on Carbon Cloth. Small, 2019, 15, e1902432.	10.0	51
80	Improved Ionic Conductivity and Li Dendrite Suppression Capability toward Li₇P₃S₁₁-Based Solid Electrolytes Triggered by Nb and O Cosubstitution. ACS Applied Materials & Interfaces, 2020, 12, 54662-54670.	8.0	50
81	Ti³⁺ Selfâ€Doped Li₄Ti₅O₁₂ Anchored on Nâ€Doped Carbon Nanofiber Arrays for Ultrafast Lithiumâ€Ion Storage. Small, 2019, 15, e1905296.	10.0	49
82	N-doped CoO nanowire arrays as efficient electrocatalysts for oxygen evolution reaction. Journal of Energy Chemistry, 2019, 37, 13-17.	12.9	49
83	Crystalline/amorphous tungsten oxide core/shell hierarchical structures and their synergistic effect for optical modulation. Journal of Colloid and Interface Science, 2015, 460, 200-208.	9.4	46
84	Niobium doped tungsten oxide mesoporous film with enhanced electrochromic and electrochemical energy storage properties. Journal of Colloid and Interface Science, 2019, 535, 300-307.	9.4	46
85	A Stretchable and Safe Polymer Electrolyte with a Protectingâ€Layer Strategy for Solidâ€State Lithium Metal Batteries. Advanced Science, 2021, 8, 2003241.	11.2	46
86	Composite Li metal anode with vertical graphene host for high performance Li-S batteries. Journal of Power Sources, 2018, 374, 205-210.	7.8	45
87	Directional construction of Cu2S branch arrays for advanced oxygen evolution reaction. Journal of Energy Chemistry, 2019, 39, 61-67.	12.9	45
88	Construction of Nitrogenâ€Doped Carbonâ€Coated MoSe₂ Microspheres with Enhanced Performance for Lithium Storage. Chemistry - A European Journal, 2017, 23, 12924-12929.	3.3	43
89	Enhancement of the advanced Na storage performance of Na₃V₂(PO₄)₃ in a symmetric sodium full cell via a dual strategy design. Journal of Materials Chemistry A, 2019, 7, 10231-10238.	10.3	42
90	Ionic-liquid-containing polymer interlayer modified PEO-based electrolyte for stable high-voltage solid-state lithium metal battery. Chemical Engineering Journal, 2021, 424, 130522.	12.7	42

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91	Pineâ€Needleâ€Like Cuâ€“Co Skeleton Composited with Li₄Ti₅O₁₂ Forming Coreâ€“Branch Arrays for Highâ€Rate Lithium Ion Storage. Small, 2018, 14, e1704339.	10.0	40
92	Synthesis and electrochemical performance of LiVO3 cathode materials for lithium ion batteries. Journal of Power Sources, 2013, 236, 33-38.	7.8	39
93	Nonâ€Newtonian Fluid State Kâ€“Na Alloy for a Stretchable Energy Storage Device. Small Methods, 2019, 3, 1900383.	8.6	39
94	Binary conductive network for construction of Si/Ag nanowires/rGO integrated composite film by vacuum-filtration method and their application for lithium ion batteries. Electrochimica Acta, 2015, 180, 1068-1074.	5.2	38
95	Conversion from Li2SO4 to Li2S@C on carbon paper matrix: A novel integrated cathode for lithium-sulfur batteries. Journal of Power Sources, 2016, 331, 475-480.	7.8	38
96	Reconstruction of multidimensional carbon hosts with combined 0D, 1D and 2D networks for enhanced lithium-sulfur batteries. Journal of Power Sources, 2017, 342, 224-230.	7.8	37
97	Hierarchical MoS2@Polypyrrole core-shell microspheres with enhanced electrochemical performances for lithium storage. Electrochimica Acta, 2018, 269, 632-639.	5.2	34
98	Ultrafast Synthesis of Iâ€Rich Lithium Argyrodite Glassâ€“Ceramic Electrolyte with High Ionic Conductivity. Advanced Materials, 2022, 34, e2107346.	21.0	34
99	Cobalt disulfide-modified cellular hierarchical porous carbon derived from bovine bone for application in high-performance lithiumâ€“sulfur batteries. Journal of Colloid and Interface Science, 2019, 551, 219-226.	9.4	33
100	Ionic Liquid-Impregnated ZIF-8/Polypropylene Solid-like Electrolyte for Dendrite-free Lithium-Metal Batteries. ACS Applied Materials & Interfaces, 2022, 14, 6859-6868.	8.0	31
101	Nitrogen doped vertical graphene as metal-free electrocatalyst for hydrogen evolution reaction. Materials Research Bulletin, 2021, 134, 111094.	5.2	30
102	A cleverly designed asymmetrical composite electrolyte via in-situ polymerization for high-performance, dendrite-free solid state lithium metal battery. Chemical Engineering Journal, 2022, 435, 135030.	12.7	29
103	Anchoring SnS₂ on TiC/C Backbone to Promote Sodium Ion Storage by Phosphate Ion Doping. Small, 2020, 16, e2004072.	10.0	28
104	An intercalation compound for high-safe K metal batteries. Energy Storage Materials, 2021, 41, 606-613.	18.0	28
105	High Performance Single-Crystal Ni-Rich Cathode Modification via Crystalline LLTO Nanocoating for All-Solid-State Lithium Batteries. ACS Applied Materials & Interfaces, 2022, 14, 726-735.	8.0	27
106	Facile and scalable synthesis of nanosized coreâ€“shell Li₂S@C composite for high-performance lithiumâ€“sulfur batteries. Journal of Materials Chemistry A, 2016, 4, 16653-16660.	10.3	26
107	Verticalâ€Aligned Li₂Sâ€“Graphene Encapsulated within a Carbon Shell as a Freeâ€Standing Cathode for Lithiumâ€“Sulfur Batteries. Chemistry - A European Journal, 2017, 23, 11169-11174.	3.3	26
108	Facile synthesis of self-supported Ni2P nanosheet@Ni sponge composite for high-rate battery. Journal of Power Sources, 2016, 328, 405-412.	7.8	25

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109	Core-shell structure of porous silicon with nitrogen-doped carbon layer for lithium-ion batteries. Materials Research Bulletin, 2018, 108, 170-175.	5.2	25
110	Sodium-rich manganese oxide porous microcubes with polypyrrole coating as a superior cathode for sodium ion full batteries. Journal of Colloid and Interface Science, 2020, 565, 218-226.	9.4	25
111	Robust Li₆PS₅I Interlayer to Stabilize the Tailored Electrolyte Li_{9.95}SnP₂S_{11.95}F_{0.05}/Li Metal Interface. ACS Applied Materials & Interfaces, 2021, 13, 30739-30745.	8.0	24
112	In-situ generated Li3N/Li-Al alloy in reduced graphene oxide framework optimizing ultra-thin lithium metal electrode for solid-state batteries. Energy Storage Materials, 2022, 49, 546-554.	18.0	24
113	Free-standing sulfur cathodes composited with carbon nanorods arrays for Li-S batteries application. Materials Research Bulletin, 2016, 83, 474-480.	5.2	22
114	Carbon fiber-incorporated sulfur/carbon ternary cathode for lithiumâ€“sulfur batteries with enhanced performance. Journal of Solid State Electrochemistry, 2017, 21, 1203-1210.	2.5	22
115	Sodium-storage behavior of electron-rich element-doped amorphous carbon. Applied Physics Reviews, 2021, 8, .	11.3	22
116	Performance Enhancement of a Sulfur/Carbon Cathode by Polydopamine as an Efficient Shell for Highâ€Performance Lithiumâ€“Sulfur Batteries. Chemistry - A European Journal, 2017, 23, 10610-10615.	3.3	21
117	Exploring the Stability Effect of the Co-Substituted P2-Na_{0.67}[Mn_{0.67}Ni_{0.33}]O₂ Cathode for Liquid- and Solid-State Sodium-Ion Batteries. ACS Applied Materials & Interfaces, 2020, 12, 41477-41484.	8.0	21
118	Low-strain titanium-based oxide electrodes for electrochemical energy storage devices: design, modification, and application. Materials Today Nano, 2020, 11, 100085.	4.6	21
119	Targeted Growth of Pt on 2D Atomic Layers of Ni-Al Hydroxide: Assembly of the Pt/Exfoliated Ni-Al Hydroxide sheet/Graphene Composite as Electrocatalysts for Methanol Oxidation Reactions. Electrochimica Acta, 2016, 222, 938-945.	5.2	20
120	Singleâ€Crystalâ€Layered Niâ€Rich Oxide Modified by Phosphate Coating Boosting Interfacial Stability of Li₁₀SnP₂S₁₂â€Based Allâ€Solidâ€State Li Batteries. Small, 2021, 17, e2103830.	10.0	19
121	Enhanced Liâ€Storage of Ni₃S₂ Nanowire Arrays with Nâ€Doped Carbon Coating Synthesized by Oneâ€Step CVD Process and Investigated Via Ex Situ TEM. Small, 2019, 15, e1904433.	10.0	18
122	Porous Composite Gel Polymer Electrolyte with Interfacial Transport Pathways for Flexible Quasi Solid Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2021, 13, 23743-23750.	8.0	18
123	A mono-comb poly (siloxane-g-ethylene oxide) electrospun fiber membrane for solid-state sodium ion batteries. Chemical Engineering Journal, 2021, 426, 131901.	12.7	16
124	Selfâ€Healing Properties of Alkali Metals under â€œHighâ€Energy Conditionsâ€• in Batteries. Advanced Energy Materials, 2021, 11, 2100470.	19.5	13
125	Self-supporting hierarchical rGO@Ni nanosheet@Co3O4 nanowire array and its application in high-rate batteries. Journal of Power Sources, 2016, 327, 281-288.	7.8	10
126	Smart construction of intimate interface between solid polymer electrolyte and 3D-array electrode for quasi-solid-state lithium ion batteries. Journal of Power Sources, 2019, 434, 226726.	7.8	10

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127	High-performance Na3V2(PO4)2F2.5O0.5 cathode: Hybrid reaction mechanism study via ex-situ XRD and sodium storage properties in solid-state batteries. Chemical Engineering Journal, 2021, 423, 130310.	12.7	10
128	High Capacity and Superior Rate Performances Coexisting in Carbon-Based Sodium-Ion Battery Anode. Research, 2019, 2019, 6930294.	5.7	9
129	Ti2Nb10O29 anchored on Aspergillus Oryzae spore carbon skeleton for advanced lithium ion storage. Sustainable Materials and Technologies, 2021, 28, e00272.	3.3	7
130	Optimizing quasi-solid-state sodium storage performance of Na3V2(PO4)2F2.5O0.5 cathode by structural design plus nitrogen doping. Chemical Engineering Journal, 2022, 433, 133557.	12.7	6
131	Promotion effect of nitrogen-doped functional carbon nanodots on the early growth stage of plants. Oxford Open Materials Science, 2020, 1, .	1.8	5
132	Frontispiece: Porous Carbon Hosts for Lithiumâ€“Sulfur Batteries. Chemistry - A European Journal, 2019, 25, .	3.3	0