

# Zhixing Wang

## List of Publications by Year in descending order

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105  
papers

5,784  
citations

76326

40  
h-index

79698

73  
g-index

105  
all docs

105  
docs citations

105  
times ranked

5642  
citing authors

#	ARTICLE	IF	CITATIONS
1	Washing effects on electrochemical performance and storage characteristics of $\text{LiNi}_0.8\text{Co}_0.1\text{Mn}_0.1\text{O}_2$ as cathode material for lithium-ion batteries. <i>Journal of Power Sources</i> , 2013, 222, 318-325.	7.8	317
2	Advances in nanostructures fabricated via spray pyrolysis and their applications in energy storage and conversion. <i>Chemical Society Reviews</i> , 2019, 48, 3015-3072.	38.1	260
3	Lightweight Reduced Graphene Oxide@ $\text{MoS}_2$ Interlayer as Polysulfide Barrier for High-Performance Lithium-Sulfur Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 3707-3713.	8.0	239
4	Three-dimensional hierarchical $\text{Co}_3\text{O}_4/\text{CuO}$ nanowire heterostructure arrays on nickel foam for high-performance lithium ion batteries. <i>Nano Energy</i> , 2014, 6, 19-26.	16.0	230
5	Enhanced electrochemical properties of lithium-reactive $\text{V}_2\text{O}_5$ coated on the $\text{LiNi}_{0.8}\text{Co}_{0.1}\text{Mn}_{0.1}\text{O}_2$ cathode material for lithium ion batteries at 60 °C. <i>Journal of Materials Chemistry A</i> , 2013, 1, 1284-1288.	10.3	209
6	Electrochemical analysis graphite/electrolyte interface in lithium-ion batteries: p-Toluenesulfonyl isocyanate as electrolyte additive. <i>Nano Energy</i> , 2017, 34, 131-140.	16.0	208
7	A short process for the efficient utilization of transition-metal chlorides in lithium-ion batteries: A case of $\text{Ni}_0.8\text{Co}_0.1\text{Mn}_0.1\text{O}_{1.1}$ and $\text{LiNi}_0.8\text{Co}_0.1\text{Mn}_0.1\text{O}_2$ . <i>Journal of Power Sources</i> , 2017, 342, 495-503.	7.8	203
8	$\text{Co}_3\text{O}_4/\text{Co}$ nanoparticles enclosed graphitic carbon as anode material for high performance Li-ion batteries. <i>Chemical Engineering Journal</i> , 2017, 321, 495-501.	12.7	173
9	Synthesis and electrochemical study of Zr-doped $\text{Li}[\text{Li}_0.2\text{Mn}_0.54\text{Ni}_0.13\text{Co}_0.13]\text{O}_2$ as cathode material for Li-ion battery. <i>Ceramics International</i> , 2016, 42, 263-269.	4.8	140
10	A modified LiF coating process to enhance the electrochemical performance characteristics of $\text{LiNi}_0.8\text{Co}_0.1\text{Mn}_0.1\text{O}_2$ cathode materials. <i>Materials Letters</i> , 2013, 110, 4-9.	2.6	133
11	Investigation and improvement on the electrochemical performance and storage characteristics of $\text{LiNiO}_2$ -based materials for lithium ion battery. <i>Electrochimica Acta</i> , 2016, 191, 832-840.	5.2	131
12	A novel $\text{NiCo}_2\text{O}_4$ anode morphology for lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2015, 3, 11970-11975.	10.3	127
13	A comprehensive study on electrochemical performance of Mn-surface-modified $\text{LiNi}_0.8\text{Co}_0.15\text{Al}_0.05\text{O}_2$ synthesized by an in situ oxidizing-coating method. <i>Journal of Power Sources</i> , 2014, 252, 200-207.	7.8	125
14	$\text{Li}_3\text{V}(\text{MoO}_4)_3$ as a novel electrode material with good lithium storage properties and improved initial coulombic efficiency. <i>Nano Energy</i> , 2018, 44, 272-278.	16.0	125
15	Non-aqueous dual-carbon lithium-ion capacitors: a review. <i>Journal of Materials Chemistry A</i> , 2019, 7, 15541-15563.	10.3	118
16	Accurate construction of a hierarchical nickel-cobalt oxide multishell yolk-shell structure with large and ultrafast lithium storage capability. <i>Journal of Materials Chemistry A</i> , 2017, 5, 14996-15001.	10.3	106
17	Natural sisal fibers derived hierarchical porous activated carbon as capacitive material in lithium ion capacitor. <i>Journal of Power Sources</i> , 2016, 329, 339-346.	7.8	101
18	A low temperature fluorine substitution on the electrochemical performance of layered $\text{LiNi}_0.8\text{Co}_0.1\text{Mn}_0.1\text{O}_2$ -zFz cathode materials. <i>Electrochimica Acta</i> , 2013, 92, 1-8.	5.2	100

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19	Multi-layered carbon coated Si-based composite as anode for lithium-ion batteries. Powder Technology, 2018, 323, 294-300.	4.2	97
20	Metalorganic Quantum Dots and Their Graphene-Like Derivative Porous Graphitic Carbon for Advanced Lithium-Ion Hybrid Supercapacitor. Advanced Energy Materials, 2019, 9, 1802878.	19.5	94
21	A new design concept for preparing nickel-foam-supported metal oxide microspheres with superior electrochemical properties. Journal of Materials Chemistry A, 2017, 5, 13469-13474.	10.3	91
22	Graphitic carbon balanced between high plateau capacity and high rate capability for lithium ion capacitors. Journal of Materials Chemistry A, 2017, 5, 15302-15309.	10.3	91
23	A MoS <sub>2</sub> coating strategy to improve the comprehensive electrochemical performance of LiVPO <sub>4</sub> F. Journal of Power Sources, 2016, 315, 294-301.	7.8	83
24	Co-modification of LiNi <sub>0.5</sub> Co <sub>0.2</sub> Mn <sub>0.3</sub> O <sub>2</sub> cathode materials with zirconium substitution and surface polypyrrole coating: towards superior high voltage electrochemical performances for lithium ion batteries. Electrochimica Acta, 2016, 196, 101-109.	5.2	83
25	Research Progress of Single-Crystal Nickel-Rich Cathode Materials for Lithium Ion Batteries. Small Methods, 2021, 5, e2100234.	8.6	71
26	Nanosized LiVPO <sub>4</sub> F/graphene composite: A promising anode material for lithium ion batteries. Journal of Power Sources, 2014, 251, 325-330.	7.8	70
27	Introducing reduced graphene oxide to improve the electrochemical performance of silicon-based materials encapsulated by carbonized polydopamine layer for lithium ion batteries. Materials Letters, 2017, 195, 164-167.	2.6	69
28	Fluidized bed reaction towards crystalline embedded amorphous Si anode with much enhanced cycling stability. Chemical Communications, 2018, 54, 3755-3758.	4.1	66
29	Lithiophilic Ag/Li composite anodes <i>via</i> a spontaneous reaction for Li nucleation with a reduced barrier. Journal of Materials Chemistry A, 2019, 7, 20911-20918.	10.3	66
30	Beneficial effects of 1-propylphosphonic acid cyclic anhydride as an electrolyte additive on the electrochemical properties of LiNi <sub>0.5</sub> Mn <sub>1.5</sub> O <sub>4</sub> cathode material. Journal of Power Sources, 2014, 263, 231-238.	7.8	64
31	Anchoring K <sup>+</sup> in Li <sup>+</sup> Sites of LiNi <sub>0.8</sub> Co <sub>0.15</sub> Al <sub>0.05</sub> O <sub>2</sub> Cathode Material to Suppress its Structural Degradation During High-Voltage Cycling. Energy Technology, 2018, 6, 2358-2366.	3.8	64
32	Facile construction of Co(OH) <sub>2</sub> @Ni(OH) <sub>2</sub> core-shell nanosheets on nickel foam as three dimensional free-standing electrode for supercapacitors. Electrochimica Acta, 2019, 293, 40-46.	5.2	61
33	Improving rate capability and decelerating voltage decay of Li-rich layered oxide cathodes by chromium doping. International Journal of Hydrogen Energy, 2018, 43, 11109-11119.	7.1	60
34	Hydrogen titanate and TiO <sub>2</sub> nanowires as anode materials for lithium-ion batteries. Journal of Materials Chemistry, 2011, 21, 12675.	6.7	55
35	Suppressing the Voltage Decay and Enhancing the Electrochemical Performance of Li <sub>1.2</sub> Mn <sub>0.54</sub> Co <sub>0.13</sub> Ni <sub>0.13</sub> O <sub>2</sub> by Multifunctional Nb <sub>2</sub> O <sub>5</sub> Coating. Energy Technology, 2018, 6, 2139-2145.	3.8	54
36	Carbonization and graphitization of pitch applied for anode materials of high power lithium ion batteries. Journal of Solid State Electrochemistry, 2013, 17, 1401-1408.	2.5	52

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37	Robust synthesis of hierarchical mesoporous hybrid NiO@MnCo <sub>2</sub> O <sub>4</sub> microspheres and their application in Lithium-ion batteries. <i>Electrochimica Acta</i> , 2016, 191, 392-400.	5.2	50
38	Spinel-embedded and Li <sub>3</sub> PO <sub>4</sub> modified Li[Li <sub>0.2</sub> Mn <sub>0.54</sub> Ni <sub>0.13</sub> Co <sub>0.13</sub> ]O <sub>2</sub> cathode materials for High-Performance Li-Ion batteries. <i>Applied Surface Science</i> , 2018, 456, 763-770.	6.1	47
39	Cooperation of nitrogen-doping and catalysis to improve the Li-ion storage performance of lignin-based hard carbon. <i>Journal of Energy Chemistry</i> , 2018, 27, 1390-1396.	12.9	46
40	The role of a MnO <sub>2</sub> functional layer on the surface of Ni-rich cathode materials: Towards enhanced chemical stability on exposure to air. <i>Ceramics International</i> , 2018, 44, 13341-13348.	4.8	44
41	One-step synthesis of Li-doped NiO as high-performance anode material for lithium ion batteries. <i>Ceramics International</i> , 2016, 42, 14565-14572.	4.8	42
42	Effect of synthesis routes on the electrochemical performance of Li[Ni <sub>0.6</sub> Co <sub>0.2</sub> Mn <sub>0.2</sub> ]O <sub>2</sub> for lithium ion batteries. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 3849-3854.	2.5	40
43	Effects of Nb doping on the performance of 0.5Li <sub>2</sub> MnO <sub>3</sub> ·0.5LiNi <sub>1/3</sub> Co <sub>1/3</sub> Mn <sub>1/3</sub> O <sub>2</sub> cathode material for lithium-ion batteries. <i>Journal of Electroanalytical Chemistry</i> , 2018, 822, 57-65.	3.8	40
44	Enhanced electrochemical performance of LiNi <sub>0.8</sub> Co <sub>0.1</sub> Mn <sub>0.1</sub> O <sub>2</sub> cathode materials obtained by atomization co-precipitation method. <i>Ceramics International</i> , 2016, 42, 644-649.	4.8	39
45	Spiral Graphene Coupling Hierarchically Porous Carbon Advances Dual-Carbon Lithium Ion Capacitor. <i>Energy Storage Materials</i> , 2021, 38, 528-534.	18.0	39
46	Enhancement of electrochemical performance of Al-doped LiVPO <sub>4</sub> F using AlF <sub>3</sub> as aluminum source. <i>Journal of Alloys and Compounds</i> , 2013, 581, 836-842.	5.5	38
47	Synthesis of nanoparticles-assembled Co <sub>3</sub> O <sub>4</sub> microspheres as anodes for Li-ion batteries by spray pyrolysis of CoCl <sub>2</sub> solution. <i>Electrochimica Acta</i> , 2016, 209, 456-463.	5.2	36
48	Oxygen-induced lithiophilicity of tin-based framework toward highly stable lithium metal anode. <i>Chemical Engineering Journal</i> , 2020, 394, 124848.	12.7	36
49	Comparative investigations of LiVPO <sub>4</sub> F/C and Li <sub>3</sub> V <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> /C synthesized in similar soft chemical route. <i>Journal of Solid State Electrochemistry</i> , 2013, 17, 1-8.	2.5	34
50	A novel dried plum-like yolk-shell architecture of tin oxide nanodots embedded into a carbon matrix: ultra-fast assembly and superior lithium storage properties. <i>Journal of Materials Chemistry A</i> , 2019, 7, 5803-5810.	10.3	34
51	Bifunctional Li <sub>6</sub> CoO <sub>4</sub> serving as prelithiation reagent and pseudocapacitive electrode for lithium ion capacitors. <i>Journal of Energy Chemistry</i> , 2020, 47, 38-45.	12.9	33
52	In-situ tailored 3D Li <sub>2</sub> O@Cu nanowires array enabling stable lithium metal anode with ultra-high coulombic efficiency. <i>Journal of Power Sources</i> , 2020, 463, 228178.	7.8	33
53	Electrochemical properties of LiNi <sub>0.6</sub> Co <sub>0.2</sub> Mn <sub>0.2</sub> O <sub>2</sub> as cathode material for Li-ion batteries prepared by ultrasonic spray pyrolysis. <i>Materials Letters</i> , 2015, 159, 39-42.	2.6	32
54	Electrochemical analysis for cycle performance and capacity fading of lithium manganese oxide spinel cathode at elevated temperature using p-toluenesulfonyl isocyanate as electrolyte additive. <i>Electrochimica Acta</i> , 2015, 180, 815-823.	5.2	32

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55	An Ostwald ripening route towards Ni-rich layered cathode material with cobalt-rich surface for lithium ion battery. <i>Science China Materials</i> , 2018, 61, 719-727.	6.3	32
56	High-Value Utilization of Lignin To Prepare Functional Carbons toward Advanced Lithium-Ion Capacitors. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 11522-11531.	6.7	32
57	Self-sacrificial-reaction guided formation of hierarchical electronic/ionic conductive shell enabling high-performance nano-silicon anode. <i>Chemical Engineering Journal</i> , 2021, 415, 128998.	12.7	31
58	Distinct impact of cobalt salt type on the morphology, microstructure, and electrochemical properties of Co <sub>3</sub> O <sub>4</sub> synthesized by ultrasonic spray pyrolysis. <i>Journal of Alloys and Compounds</i> , 2017, 696, 836-843.	5.5	29
59	Potentiostatic deposition of nickel cobalt sulfide nanosheet arrays as binder-free electrode for high-performance pseudocapacitor. <i>Ceramics International</i> , 2018, 44, 15778-15784.	4.8	28
60	Systematic parameter acquisition method for electrochemical model of 4.35V LiCoO <sub>2</sub> batteries. <i>Solid State Ionics</i> , 2019, 343, 115083.	2.7	28
61	Spray pyrolysis synthesis of nickel-rich layered cathodes LiNi <sub>1-x</sub> Co <sub>x</sub> Mn <sub>x</sub> O <sub>2</sub> (x = 0.075, 0.05, 0.025) for lithium-ion batteries. <i>Journal of Energy Chemistry</i> , 2018, 27, 447-450.	12.9	27
62	Structural and electrochemical characterization of NH <sub>4</sub> F-pretreated lithium-rich layered Li[L <sub>1-2x</sub> Ni <sub>0.13</sub> Co <sub>0.13</sub> Mn <sub>0.54</sub> ]O <sub>2</sub> cathodes for lithium-ion batteries. <i>Ceramics International</i> , 2018, 44, 14370-14376.	4.8	27
63	Smartly tailored Co(OH) <sub>2</sub> -Ni(OH) <sub>2</sub> heterostructure on nickel foam as binder-free electrode for high-energy hybrid capacitors. <i>Electrochimica Acta</i> , 2019, 309, 140-147.	5.2	27
64	The Electrochemical Performance and Reaction Mechanism of Coated Titanium Anodes for Manganese Electrowinning. <i>Journal of the Electrochemical Society</i> , 2019, 166, E502-E511.	2.9	24
65	Hydrometallurgical production of LiNi <sub>0.80</sub> Co <sub>0.15</sub> Al <sub>0.05</sub> O <sub>2</sub> cathode material from high-grade nickel matte. <i>Hydrometallurgy</i> , 2019, 186, 30-41.	4.3	23
66	Performance of PVDF-HFP-based gel polymer electrolytes with different pore forming agents. <i>Iranian Polymer Journal (English Edition)</i> , 2012, 21, 755-761.	2.4	21
67	Synthesis and characterization of Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> /graphene composite as anode material with enhanced electrochemical performance. <i>Ionics</i> , 2013, 19, 717-723.	2.4	20
68	Capacity fading reason of LiNi <sub>0.5</sub> Mn <sub>1.5</sub> O <sub>4</sub> with commercial electrolyte. <i>Ionics</i> , 2013, 19, 379-383.	2.4	19
69	FeCo <sub>x</sub> alloy nanoparticles encapsulated in three-dimensionally N-doped porous carbon/multiwalled carbon nanotubes composites as bifunctional electrocatalyst for zinc-air battery. <i>Journal of Power Sources</i> , 2019, 438, 227019.	7.8	18
70	Improving the electrochemical performance of Li-rich Li <sub>1.2</sub> Ni <sub>0.13</sub> Co <sub>0.13</sub> Mn <sub>0.54</sub> O <sub>2</sub> cathode material by LiF coating. <i>Ionics</i> , 2018, 24, 3717-3724.	2.4	17
71	Manipulating the Composition and Structure of Solid Electrolyte Interphase at Graphite Anode by Adjusting the Formation Condition. <i>Energy Technology</i> , 2019, 7, 1900273.	3.8	17
72	A novel hierarchical precursor of densely integrated hydroxide nanoflakes on oxide microspheres toward high-performance layered Ni-rich cathode for lithium ion batteries. <i>Materials Chemistry Frontiers</i> , 2018, 2, 1822-1828.	5.9	14

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73	Graphitic nanorings for super-long lifespan lithium-ion capacitors. <i>Nano Research</i> , 2020, 13, 2909-2916.	10.4	14
74	Vital effect of sufficient vulcanization on the properties of Ni-Co-S/graphene composites for supercapacitor. <i>Chemical Engineering Science</i> , 2020, 221, 115709.	3.8	14
75	A compact process to prepare LiNi <sub>0.8</sub> Co <sub>0.1</sub> Mn <sub>0.1</sub> O <sub>2</sub> cathode material from nickel-copper sulfide ore. <i>Hydrometallurgy</i> , 2017, 174, 1-9.	4.3	13
76	Properties on novel PVDF-CHFP-Cl based composite polymer electrolyte with vinyltrimethoxysilane-modified ZSM-5. <i>Polymer Composites</i> , 2012, 33, 629-635.	4.6	12
77	Effects of Al doping for Li[Li <sub>0.09</sub> Mn <sub>0.65</sub> *0.91Ni <sub>0.35</sub> *0.91]O <sub>2</sub> cathode material. <i>Ionics</i> , 2013, 19, 1495-1501.	2.4	12
78	Synthesis and electrochemical performance of LiNi <sub>0.6</sub> Co <sub>0.2</sub> Mn <sub>0.2</sub> O <sub>2</sub> /reduced graphene oxide cathode materials for lithium-ion batteries. <i>Ionics</i> , 2013, 19, 1329-1334.	2.4	12
79	A smart architecture of nickel-cobalt sulfide nanotubes assembled nanoclusters for high-performance pseudocapacitor. <i>Journal of Alloys and Compounds</i> , 2018, 765, 505-511.	5.5	12
80	Magnesium-doped Li[Li <sub>0.2</sub> Mn <sub>0.54</sub> Ni <sub>0.13</sub> Co <sub>0.13</sub> ]O <sub>2</sub> cathode with high rate capability and improved cyclic stability. <i>Ionics</i> , 2019, 25, 1967-1977.	2.4	12
81	The influences of SO <sub>4</sub> <sup>2-</sup> from electrolytic manganese dioxide precursor on the electrochemical properties of Li-rich Mn-based material for Li-ion batteries. <i>Ionics</i> , 2019, 25, 2585-2594.	2.4	12
82	Clearing surficial charge-transport obstacles to boost the performance of lithium-rich layered oxides. <i>Chemical Engineering Journal</i> , 2020, 399, 125142.	12.7	12
83	Bulk and surface reconstructed Li-rich Mn-based cathode material for lithium ion batteries with eliminating irreversible capacity loss. <i>Journal of Electroanalytical Chemistry</i> , 2018, 829, 7-15.	3.8	11
84	Enhancing the electrochemical and storage performance of Ni-based cathode materials by introducing spinel pillaring layer for lithium ion batteries. <i>Solid State Ionics</i> , 2019, 332, 41-46.	2.7	11
85	Effect of copper and iron substitution on the structures and electrochemical properties of LiNi <sub>0.8</sub> Co <sub>0.15</sub> Al <sub>0.05</sub> O <sub>2</sub> cathode materials. <i>Energy Science and Engineering</i> , 2020, 8, 1868-1879.	4.0	11
86	Performance and capacity fading reason of LiMn <sub>2</sub> O <sub>4</sub> /graphite batteries after storing at high temperature. <i>Rare Metals</i> , 2009, 28, 322-327.	7.1	10
87	Three-dimensionally mesoporous dual (Co, Fe) metal oxide/CNTs composite as electrocatalysts for air cathodes in Li-O <sub>2</sub> batteries. <i>Ceramics International</i> , 2018, 44, 21942-21949.	4.8	10
88	BODIPY-Based Conjugated Porous Polymer and Its Derived Porous Carbon for Lithium-Ion Storage. <i>ACS Omega</i> , 2018, 3, 7727-7735.	3.5	10
89	Modification by simultaneously $\gamma$ -WO <sub>3</sub> /Li <sub>2</sub> WO <sub>4</sub> composite coating and spinel-structure formation on Li[Li <sub>0.2</sub> Mn <sub>0.54</sub> Ni <sub>0.13</sub> Co <sub>0.13</sub> ]O <sub>2</sub> cathode via a simple wet process. <i>Journal of Alloys and Compounds</i> , 2019, 790, 421-432.	5.5	10
90	Mitigating the voltage fading and air sensitivity of O <sub>3</sub> -type NaNi <sub>0.4</sub> Mn <sub>0.4</sub> Cu <sub>0.1</sub> Ti <sub>0.1</sub> O <sub>2</sub> cathode material via La doping. <i>Chemical Engineering Journal</i> , 2022, 431, 133456.	12.7	10

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91	Preparation and physicochemical performances of poly[(vinylidene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 747 Td (fluoride)â€¦ carbon nanotubes. <i>Polymer International</i> , 2014, 63, 307-314.	3.1	9
92	Compact structured silicon/carbon composites as high-performance anodes for lithium ion batteries. <i>Ionics</i> , 2018, 24, 3405-3411.	2.4	9
93	Modification on improving the structural stabilities and cyclic properties of Li1.2Mn0.54Ni0.13Co0.13O2 cathode materials with CePO4. <i>Ionics</i> , 2020, 26, 2117-2127.	2.4	9
94	One-step potentiostatic electrodeposition of cross-linked bimetallic sulfide nanosheet thin film for supercapacitors. <i>Ionics</i> , 2020, 26, 4095-4102.	2.4	9
95	Study on performances of ZSM-5 doped P(VDF-HFP) based composite polymer electrolyte prepared by steam bath technique. <i>Iranian Polymer Journal (English Edition)</i> , 2012, 21, 481-488.	2.4	8
96	Comprehensive reinvestigation on the initial coulombic efficiency and capacity fading mechanism of LiNi0.5Mn1.5O4 at low rate and elevated temperature. <i>Journal of Solid State Electrochemistry</i> , 2013, 17, 1029-1038.	2.5	8
97	Superior lithium storage of Si/WSi2 composite prepared via one step co-reduction of multi-phase oxide. <i>Journal of Electroanalytical Chemistry</i> , 2018, 826, 84-89.	3.8	8
98	Novel LiV(PO <sub>4</sub> ) <sub>0.9</sub> F <sub>1.3</sub> with ultrahigh rate capability and prolonged cycle life. <i>Chemical Communications</i> , 2019, 55, 11175-11178.	4.1	8
99	Mono-Active Bimetallic Oxide Co <sub>2</sub> AlO <sub>4</sub> with Yolk-Shell Structure as a Superior Lithium-Storage Material. <i>ChemElectroChem</i> , 2019, 6, 3298-3302.	3.4	8
100	Improving the electrochemical performance of LiMn2O4/graphite batteries using LiF additive during fabrication. <i>Rare Metals</i> , 2011, 30, 120-125.	7.1	7
101	Investigation on the storage performance of LiMn2O4 at elevated temperature with the mixture of electrolyte stabilizer. <i>Ionics</i> , 2012, 18, 907-911.	2.4	7
102	Accurate regulation of pore distribution and atomic arrangement enabling highly efficient dual-carbon lithium ion capacitors. <i>Journal of Materials Chemistry A</i> , 2020, 8, 22230-22239.	10.3	7
103	A Renewable Sedimentary Slurry Battery: Preliminary Study in Zinc Electrodes. <i>IScience</i> , 2020, 23, 101821.	4.1	6
104	Storage performance with different charged state of manganese spinel battery. <i>Ionics</i> , 2012, 18, 643-648.	2.4	4
105	Improving the Desulfurization Degree of High-Grade Nickel Matte via a Two-Step Oxidation Roasting Process. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2018, 49, 1834-1840.	2.1	4