

# 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	Mitigating the voltage fading and air sensitivity of O3-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
2	Spiral Graphene Coupling Hierarchically Porous Carbon Advances Dual-Carbon Lithium Ion Capacitor. <i>Energy Storage Materials</i> , 2021, 38, 528-534.	18.0	39
3	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
4	Research Progress of Single-Crystal Nickel-Rich Cathode Materials for Lithium Ion Batteries. <i>Small Methods</i> , 2021, 5, e2100234.	8.6	71
5	Modification on improving the structural stabilities and cyclic properties of Li <sub>1.2</sub> Mn <sub>0.54</sub> Ni <sub>0.13</sub> Co <sub>0.13</sub> O <sub>2</sub> cathode materials with CePO <sub>4</sub> . <i>Ionics</i> , 2020, 26, 2117-2127.	2.4	9
6	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
7	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
8	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
9	A Renewable Sedimentary Slurry Battery: Preliminary Study in Zinc Electrodes. <i>IScience</i> , 2020, 23, 101821.	4.1	6
10	Graphitic nanorings for super-long lifespan lithium-ion capacitors. <i>Nano Research</i> , 2020, 13, 2909-2916.	10.4	14
11	One-step potentiostatic electrodeposition of cross-linked bimetallic sulfide nanosheet thin film for supercapacitors. <i>Ionics</i> , 2020, 26, 4095-4102.	2.4	9
12	Oxygen-induced lithiophilicity of tin-based framework toward highly stable lithium metal anode. <i>Chemical Engineering Journal</i> , 2020, 394, 124848.	12.7	36
13	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
14	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
15	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
16	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
17	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
18	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

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19	FeCo 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
20	Lithiophilic Ag/Li composite anodes via a spontaneous reaction for Li nucleation with a reduced barrier. <i>Journal of Materials Chemistry A</i> , 2019, 7, 20911-20918.	10.3	66
21	Non-aqueous dual-carbon lithium-ion capacitors: a review. <i>Journal of Materials Chemistry A</i> , 2019, 7, 15541-15563.	10.3	118
22	Mono-Active Bimetallic Oxide $\text{Co}_2\text{AlO}_4$ with Yolk-shell Structure as a Superior Lithium Storage Material. <i>ChemElectroChem</i> , 2019, 6, 3298-3302.	3.4	8
23	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
24	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
25	Hydrometallurgical production of $\text{LiNi}_{0.80}\text{Co}_{0.15}\text{Al}_{0.05}\text{O}_2$ cathode material from high-grade nickel matte. <i>Hydrometallurgy</i> , 2019, 186, 30-41.	4.3	23
26	Modification by simultaneously $\text{Li}^{3+}\text{-WO}_3/\text{Li}_2\text{WO}_4$ composite coating and spinel-structure formation on $[\text{Li}_{0.2}\text{Mn}_{0.54}\text{Ni}_{0.13}\text{Co}_{0.13}]\text{O}_2$ cathode via a simple wet process. <i>Journal of Alloys and Compounds</i> , 2019, 790, 421-432.	5.5	10
27	Smartly tailored $\text{Co}(\text{OH})_2\text{-Ni}(\text{OH})_2$ heterostructure on nickel foam as binder-free electrode for high-energy hybrid capacitors. <i>Electrochimica Acta</i> , 2019, 309, 140-147.	5.2	27
28	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
29	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
30	Systematic parameter acquisition method for electrochemical model of 4.35 V $\text{LiCoO}_2$ batteries. <i>Solid State Ionics</i> , 2019, 343, 115083.	2.7	28
31	The influences of $\text{SO}_4^{2-}$ 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
32	Metalorganic Quantum Dots and Their Graphene-Like Derivative Porous Graphitic Carbon for Advanced Lithium-Ion Hybrid Supercapacitor. <i>Advanced Energy Materials</i> , 2019, 9, 1802878.	19.5	94
33	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
34	Facile construction of $\text{Co}(\text{OH})_2@\text{Ni}(\text{OH})_2$ core-shell nanosheets on nickel foam as three dimensional free-standing electrode for supercapacitors. <i>Electrochimica Acta</i> , 2019, 293, 40-46.	5.2	61
35	Compact structured silicon/carbon composites as high-performance anodes for lithium ion batteries. <i>Ionics</i> , 2018, 24, 3405-3411.	2.4	9
36	Improving the electrochemical performance of Li-rich $\text{Li}_{1.2}\text{Ni}_{0.13}\text{Co}_{0.13}\text{Mn}_{0.54}\text{O}_2$ cathode material by $\text{LiF}$ coating. <i>Ionics</i> , 2018, 24, 3717-3724.	2.4	17

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37	Suppressing the Voltage Decay and Enhancing the Electrochemical Performance of $\text{Li}_{1.2}\text{Mn}_{0.54}\text{Co}_{0.13}\text{Ni}_{0.13}\text{O}_2$ by Multifunctional $\text{Nb}_2\text{O}_5$ Coating. <i>Energy Technology</i> , 2018, 6, 2139-2145.	3.8	54
38	The role of a $\text{MnO}_2$ 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
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	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
41	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
42	Fluidized bed reaction towards crystalline embedded amorphous Si anode with much enhanced cycling stability. <i>Chemical Communications</i> , 2018, 54, 3755-3758.	4.1	66
43	Multi-layered carbon coated Si-based composite as anode for lithium-ion batteries. <i>Powder Technology</i> , 2018, 323, 294-300.	4.2	97
44	$\text{Li}_3\text{V}(\text{MoO}_4)_3$ 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
45	Spray pyrolysis synthesis of nickel-rich layered cathodes $\text{LiNi}_{1-x} \text{Co}_x \text{Mn}_x \text{O}_2$ ( $x = 0.075, 0.05, 0.025$ ) for lithium-ion batteries. <i>Journal of Energy Chemistry</i> , 2018, 27, 447-450.	12.9	27
46	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
47	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
48	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
49	Effects of Nb doping on the performance of $0.5\text{Li}_2\text{MnO}_3 \cdot 0.5\text{LiNi}_{1/3}\text{Co}_{1/3}\text{Mn}_{1/3}\text{O}_2$ cathode material for lithium-ion batteries. <i>Journal of Electroanalytical Chemistry</i> , 2018, 822, 57-65.	3.8	40
50	Spinel-embedded and $\text{Li}_3\text{PO}_4$ modified $\text{Li}[\text{Li}_{0.2}\text{Mn}_{0.54}\text{Ni}_{0.13}\text{Co}_{0.13}]\text{O}_2$ cathode materials for High-Performance Li-Ion batteries. <i>Applied Surface Science</i> , 2018, 456, 763-770.	6.1	47
51	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
52	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
53	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
54	Structural and electrochemical characterization of $\text{NH}_4\text{F}$ -pretreated lithium-rich layered $\text{Li}[\text{Li}_{0.2}\text{Ni}_{0.13}\text{Co}_{0.13}\text{Mn}_{0.54}]\text{O}_2$ cathodes for lithium-ion batteries. <i>Ceramics International</i> , 2018, 44, 14370-14376.	4.8	27

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55	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
56	Superior lithium storage of Si/WSi <sub>2</sub> composite prepared via one step co-reduction of multi-phase oxide. <i>Journal of Electroanalytical Chemistry</i> , 2018, 826, 84-89.	3.8	8
57	Improving rate capability and decelerating voltage decay of Li-rich layered oxide cathodes by chromium doping. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 11109-11119.	7.1	60
58	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. <i>Energy Technology</i> , 2018, 6, 2358-2366.	3.8	64
59	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
60	Introducing reduced graphene oxide to improve the electrochemical performance of silicon-based materials encapsulated by carbonized polydopamine layer for lithium ion batteries. <i>Materials Letters</i> , 2017, 195, 164-167.	2.6	69
61	A new design concept for preparing nickel-foam-supported metal oxide microspheres with superior electrochemical properties. <i>Journal of Materials Chemistry A</i> , 2017, 5, 13469-13474.	10.3	91
62	Co <sub>3</sub> O <sub>4</sub> /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
63	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
64	A short process for the efficient utilization of transition-metal chlorides in lithium-ion batteries: A case of Ni <sub>0.8</sub> Co <sub>0.1</sub> Mn <sub>0.1</sub> O <sub>2</sub> and LiNi <sub>0.8</sub> Co <sub>0.1</sub> Mn <sub>0.1</sub> O <sub>2</sub> . <i>Journal of Power Sources</i> , 2017, 342, 495-503.	7.8	203
65	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
66	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
67	Graphitic carbon balanced between high plateau capacity and high rate capability for lithium ion capacitors. <i>Journal of Materials Chemistry A</i> , 2017, 5, 15302-15309.	10.3	91
68	A MoS <sub>2</sub> coating strategy to improve the comprehensive electrochemical performance of LiVPO <sub>4</sub> F. <i>Journal of Power Sources</i> , 2016, 315, 294-301.	7.8	83
69	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
70	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
71	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
72	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

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73	Investigation and improvement on the electrochemical performance and storage characteristics of LiNiO <sub>2</sub> -based materials for lithium ion battery. <i>Electrochimica Acta</i> , 2016, 191, 832-840.	5.2	131
74	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. <i>Electrochimica Acta</i> , 2016, 196, 101-109.	5.2	83
75	Synthesis and electrochemical study of Zr-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> as cathode material for Li-ion battery. <i>Ceramics International</i> , 2016, 42, 263-269.	4.8	140
76	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
77	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
78	A novel NiCo <sub>2</sub> O <sub>4</sub> anode morphology for lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2015, 3, 11970-11975.	10.3	127
79	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
80	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. <i>Journal of Power Sources</i> , 2014, 263, 231-238.	7.8	64
81	Three-dimensional hierarchical Co <sub>3</sub> O <sub>4</sub> /CuO nanowire heterostructure arrays on nickel foam for high-performance lithium ion batteries. <i>Nano Energy</i> , 2014, 6, 19-26.	16.0	230
82	A comprehensive study on electrochemical performance of Mn-surface-modified LiNi <sub>0.8</sub> Co <sub>0.15</sub> Al <sub>0.05</sub> O <sub>2</sub> synthesized by an in situ oxidizing-coating method. <i>Journal of Power Sources</i> , 2014, 252, 200-207.	7.8	125
83	Nanosized LiVPO <sub>4</sub> F/graphene composite: A promising anode material for lithium ion batteries. <i>Journal of Power Sources</i> , 2014, 251, 325-330.	7.8	70
84	Preparation and physicochemical performances of poly[(vinylidene) Tj ETQqO O O rgBT /Overlock 10 Tf 50 307 Td (fluoride)â€‹i>co</i> carbon nanotubes. <i>Polymer International</i> , 2014, 63, 307-314.	3.1	9
85	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
86	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
87	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
88	A low temperature fluorine substitution on the electrochemical performance of layered LiNi <sub>0.8</sub> Co <sub>0.1</sub> Mn <sub>0.1</sub> O <sub>2</sub> cathode materials. <i>Electrochimica Acta</i> , 2013, 92, 1-8.	5.2	100
89	Washing effects on electrochemical performance and storage characteristics of LiNi <sub>0.8</sub> Co <sub>0.1</sub> Mn <sub>0.1</sub> O <sub>2</sub> as cathode material for lithium-ion batteries. <i>Journal of Power Sources</i> , 2013, 222, 318-325.	7.8	317
90	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

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91	Comprehensive reinvestigation on the initial coulombic efficiency and capacity fading mechanism of $\text{LiNi}_0.5\text{Mn}_1.5\text{O}_4$ at low rate and elevated temperature. <i>Journal of Solid State Electrochemistry</i> , 2013, 17, 1029-1038.	2.5	8
92	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
93	Enhancement of electrochemical performance of Al-doped $\text{LiVPO}_4\text{F}$ using $\text{AlF}_3$ as aluminum source. <i>Journal of Alloys and Compounds</i> , 2013, 581, 836-842.	5.5	38
94	Capacity fading reason of $\text{LiNi}_0.5\text{Mn}_1.5\text{O}_4$ with commercial electrolyte. <i>Ionics</i> , 2013, 19, 379-383.	2.4	19
95	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 $60\text{ }^\circ\text{C}$ . <i>Journal of Materials Chemistry A</i> , 2013, 1, 1284-1288.	10.3	209
96	Carbonization and graphitization of pitch applied for anode materials of high power lithium ion batteries. <i>Journal of Solid State Electrochemistry</i> , 2013, 17, 1401-1408.	2.5	52
97	Effect of synthesis routes on the electrochemical performance of $\text{Li}[\text{Ni}_0.6\text{Co}_0.2\text{Mn}_0.2]\text{O}_2$ for lithium ion batteries. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 3849-3854.	2.5	40
98	Storage performance with different charged state of manganese spinel battery. <i>Ionics</i> , 2012, 18, 643-648.	2.4	4
99	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
100	Investigation on the storage performance of $\text{LiMn}_2\text{O}_4$ at elevated temperature with the mixture of electrolyte stabilizer. <i>Ionics</i> , 2012, 18, 907-911.	2.4	7
101	Properties on novel PVDF-HFP based composite polymer electrolyte with vinyltrimethoxysilane modified ZSM-5. <i>Polymer Composites</i> , 2012, 33, 629-635.	4.6	12
102	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
103	Hydrogen titanate and $\text{TiO}_2$ nanowires as anode materials for lithium-ion batteries. <i>Journal of Materials Chemistry</i> , 2011, 21, 12675.	6.7	55
104	Improving the electrochemical performance of $\text{LiMn}_2\text{O}_4$ /graphite batteries using LiF additive during fabrication. <i>Rare Metals</i> , 2011, 30, 120-125.	7.1	7
105	Performance and capacity fading reason of $\text{LiMn}_2\text{O}_4$ /graphite batteries after storing at high temperature. <i>Rare Metals</i> , 2009, 28, 322-327.	7.1	10