

# Xinqun Cheng

## List of Publications by Citations

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104  
papers

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36  
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106  
ext. papers

4,724  
ext. citations

6.9  
avg, IF

5.42  
L-index

#	Paper	IF	Citations
104	Superior performance of ordered macroporous TiNb <sub>2</sub> O <sub>7</sub> anodes for lithium ion batteries: Understanding from the structural and pseudocapacitive insights on achieving high rate capability. <i>Nano Energy</i> , <b>2017</b> , 34, 15-25	17.1	264
103	Understanding undesirable anode lithium plating issues in lithium-ion batteries. <i>RSC Advances</i> , <b>2016</b> , 6, 88683-88700	3.7	204
102	ZIF-8 with Ferrocene Encapsulated: A Promising Precursor to Single-Atom Fe Embedded Nitrogen-Doped Carbon as Highly Efficient Catalyst for Oxygen Electroreduction. <i>Small</i> , <b>2018</b> , 14, e1704282	11.5	148
101	Nanosized core/shell silicon@carbon anode material for lithium ion batteries with polyvinylidene fluoride as carbon source. <i>Journal of Materials Chemistry</i> , <b>2010</b> , 20, 3216		146
100	Pseudocapacitive Li <sup>+</sup> intercalation in porous Ti <sub>2</sub> Nb <sub>10</sub> O <sub>29</sub> nanospheres enables ultra-fast lithium storage. <i>Energy Storage Materials</i> , <b>2018</b> , 11, 57-66	19.4	119
99	High-rate capability of three-dimensionally ordered macroporous T-Nb <sub>2</sub> O <sub>5</sub> through Li <sup>+</sup> intercalation pseudocapacitance. <i>Journal of Power Sources</i> , <b>2017</b> , 361, 80-86	8.9	106
98	Fluoroethylene carbonate as electrolyte additive to improve low temperature performance of LiFePO <sub>4</sub> electrode. <i>Electrochimica Acta</i> , <b>2013</b> , 87, 466-472	6.7	100
97	Facile synthesis of nanostructured TiNb <sub>2</sub> O <sub>7</sub> anode materials with superior performance for high-rate lithium ion batteries. <i>Chemical Communications</i> , <b>2015</b> , 51, 17293-6	5.8	96
96	Lithium-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> oxide coated by Li <sub>3</sub> PO <sub>4</sub> and carbon nanocomposite layers as high performance cathode materials for lithium ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 2634-2641	13	92
95	Improved electrochemical performance of micro-sized SiO <sub>2</sub> -based composite anode by prelithiation of stabilized lithium metal powder. <i>Journal of Power Sources</i> , <b>2017</b> , 347, 170-177	8.9	91
94	Enabling reliable lithium metal batteries by a bifunctional anionic electrolyte additive. <i>Energy Storage Materials</i> , <b>2018</b> , 11, 197-204	19.4	82
93	Oxygen vacancies in SnO <sub>2</sub> surface coating to enhance the activation of layered Li-Rich 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 material for Li-ion batteries. <i>Journal of Power Sources</i> , <b>2016</b> , 331, 91-99	8.9	75
92	Capacity fading mechanism during long-term cycling of over-discharged LiCoO <sub>2</sub> /mesocarbon microbeads battery. <i>Journal of Power Sources</i> , <b>2015</b> , 293, 1006-1015	8.9	67
91	High-performance LiFePO <sub>4</sub> cathode material from FePO <sub>4</sub> microspheres with carbon nanotube networks embedded for lithium ion batteries. <i>Journal of Power Sources</i> , <b>2013</b> , 223, 100-106	8.9	67
90	A Mild Surface Washing Method Using Protonated Polyaniline for Ni-rich LiNi <sub>0.8</sub> Co <sub>0.1</sub> Mn <sub>0.1</sub> O <sub>2</sub> Material of Lithium Ion Batteries. <i>Electrochimica Acta</i> , <b>2017</b> , 248, 534-540	6.7	67
89	Micro-sized spherical silicon@carbon@graphene prepared by spray drying as anode material for lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 723, 434-440	5.7	67
88	A two-dimensional nitrogen-rich carbon/silicon composite as high performance anode material for lithium ion batteries. <i>Chemical Engineering Journal</i> , <b>2018</b> , 341, 37-46	14.7	66

87	Facilitating the redox reaction of polysulfides by an electrocatalytic layer-modified separator for lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 10936-10945	13	65
86	An Li-rich oxide cathode material with mosaic spinel grain and a surface coating for high performance Li-ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 15640	13	65
85	Highly efficient and stable nonplatinum anode catalyst with Au@Pd core-shell nanostructures for methanol electrooxidation. <i>Journal of Catalysis</i> , <b>2012</b> , 295, 217-222	7.3	63
84	Polyaniline-encapsulated silicon on three-dimensional carbon nanotubes foam with enhanced electrochemical performance for lithium-ion batteries. <i>Journal of Power Sources</i> , <b>2018</b> , 381, 156-163	8.9	60
83	Synthesis and characterization of carbon-coated LiNi <sub>1/3</sub> Co <sub>1/3</sub> Mn <sub>1/3</sub> O <sub>2</sub> cathode material prepared by polyvinyl alcohol pyrolysis route. <i>Journal of Alloys and Compounds</i> , <b>2009</b> , 473, 53-59	5.7	56
82	Improved electrochemical performance and capacity fading mechanism of nano-sized LiMn <sub>0.9</sub> Fe <sub>0.1</sub> PO <sub>4</sub> cathode modified by polyacene coating. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 15693-15795	13	55
81	Al <sub>2</sub> O <sub>3</sub> Coated Concentration-Gradient Li[Ni <sub>0.73</sub> Co <sub>0.12</sub> Mn <sub>0.15</sub> ]O <sub>2</sub> Cathode Material by Freeze Drying for Long-Life Lithium Ion Batteries. <i>Electrochimica Acta</i> , <b>2015</b> , 174, 1185-1191	6.7	54
80	Effect of ZnO modification on the performance of LiNi <sub>0.5</sub> Co <sub>0.25</sub> Mn <sub>0.25</sub> O <sub>2</sub> cathode material. <i>Electrochimica Acta</i> , <b>2009</b> , 54, 5796-5803	6.7	53
79	Electronically Conductive Sb-doped SnO <sub>2</sub> Nanoparticles Coated LiNi <sub>0.8</sub> Co <sub>0.15</sub> Al <sub>0.05</sub> O <sub>2</sub> Cathode Material with Enhanced Electrochemical Properties for Li-ion Batteries. <i>Electrochimica Acta</i> , <b>2017</b> , 236, 273-279	6.7	50
78	Free-Standing Sandwich-Type Graphene/Nanocellulose/Silicon Laminate Anode for Flexible Rechargeable Lithium Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 29638-29646	9.5	48
77	A facile strategy to prepare nano-crystalline Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> /C anode material via polyvinyl alcohol as carbon source for high-rate rechargeable Li-ion batteries. <i>Electrochimica Acta</i> , <b>2013</b> , 93, 173-178	6.7	47
76	1,3,6-Hexanetricarbonitrile as electrolyte additive for enhancing electrochemical performance of high voltage Li-rich layered oxide cathode. <i>Journal of Power Sources</i> , <b>2017</b> , 361, 227-236	8.9	47
75	The effects of LiBOB additive for stable SEI formation of PP13TFSI-organic mixed electrolyte in lithium ion batteries. <i>Electrochimica Acta</i> , <b>2011</b> , 56, 4841-4848	6.7	44
74	State of health diagnosis model for lithium ion batteries based on real-time impedance and open circuit voltage parameters identification method. <i>Energy</i> , <b>2018</b> , 144, 647-656	7.9	44
73	Enhancement of high voltage cycling performance and thermal stability of LiNi <sub>1/3</sub> Co <sub>1/3</sub> Mn <sub>1/3</sub> O <sub>2</sub> cathode by use of boron-based additives. <i>Solid State Ionics</i> , <b>2014</b> , 263, 146-151	3.3	40
72	Influence of fluoroethylene carbonate as co-solvent on the high-voltage performance of LiNi <sub>1/3</sub> Co <sub>1/3</sub> Mn <sub>1/3</sub> O <sub>2</sub> cathode for lithium-ion batteries. <i>Electrochimica Acta</i> , <b>2016</b> , 191, 8-15	6.7	39
71	Progressive concentration gradient nickel-rich oxide cathode material for high-energy and long-life lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 7728-7735	13	38
70	Hierarchical ordered macroporous/ultrathin mesoporous carbon architecture: A promising cathode scaffold with excellent rate performance for rechargeable Li-O <sub>2</sub> batteries. <i>Carbon</i> , <b>2017</b> , 118, 139-147	10.4	37

69	Hydrothermal-assisted sol-gel synthesis of Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> /C nano-composite for high-energy lithium-ion batteries. <i>Solid State Ionics</i> , <b>2013</b> , 244, 52-56	3.3	37
68	Changes of Degradation Mechanisms of LiFePO <sub>4</sub> /Graphite Batteries Cycled at Different Ambient Temperatures. <i>Electrochimica Acta</i> , <b>2017</b> , 237, 248-258	6.7	36
67	Ascorbic acid-assisted solvothermal synthesis of LiMn <sub>0.9</sub> Fe <sub>0.1</sub> PO <sub>4</sub> /C nanoplatelets with enhanced electrochemical performance for lithium ion batteries. <i>Journal of Power Sources</i> , <b>2013</b> , 243, 872-879	8.9	36
66	Changing of SEI Film and Electrochemical Properties about MCMB Electrodes during Long-Term Charge/Discharge Cycles. <i>Journal of the Electrochemical Society</i> , <b>2013</b> , 160, A2093-A2099	3.9	36
65	Simple annealing process for performance improvement of silicon anode based on polyvinylidene fluoride binder. <i>Journal of Power Sources</i> , <b>2010</b> , 195, 2069-2073	8.9	36
64	Unravelling the Interface Layer Formation and Gas Evolution/Suppression on a TiNbO Anode for Lithium-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 27056-27062	9.5	35
63	Effect of Ag additive on the performance of LiNi <sub>1/3</sub> Co <sub>1/3</sub> Mn <sub>1/3</sub> O <sub>2</sub> cathode material for lithium ion battery. <i>Journal of Power Sources</i> , <b>2009</b> , 189, 2-8	8.9	35
62	A novel nanoporous Fe-doped lithium manganese phosphate material with superior long-term cycling stability for lithium-ion batteries. <i>Nanoscale</i> , <b>2015</b> , 7, 11509-14	7.7	34
61	Clew-like N-doped multiwalled carbon nanotube aggregates derived from metal-organic complexes for lithium-sulfur batteries. <i>Carbon</i> , <b>2017</b> , 122, 635-642	10.4	33
60	A New Anion Receptor for Improving the Interface between Lithium- and Manganese-Rich Layered Oxide Cathode and the Electrolyte. <i>Chemistry of Materials</i> , <b>2017</b> , 29, 2141-2149	9.6	31
59	Amorphous carbon-encapsulated Si nanoparticles loading on MCMB with sandwich structure for lithium ion batteries. <i>Electrochimica Acta</i> , <b>2019</b> , 306, 590-598	6.7	31
58	Enhancement of low-temperature performance of LiFePO <sub>4</sub> electrode by butyl sultone as electrolyte additive. <i>Solid State Ionics</i> , <b>2014</b> , 254, 27-31	3.3	31
57	The effect of boron doping on lithium intercalation performance of boron-doped carbon materials. <i>Materials Chemistry and Physics</i> , <b>2003</b> , 80, 94-101	4.4	30
56	Electrochemical performance degeneration mechanism of LiCoO <sub>2</sub> with high state of charge during long-term charge/discharge cycling. <i>RSC Advances</i> , <b>2015</b> , 5, 81235-81242	3.7	29
55	Lithium Phosphorus Oxynitride Coated Concentration Gradient Li[Ni <sub>0.73</sub> Co <sub>0.12</sub> Mn <sub>0.15</sub> ]O <sub>2</sub> Cathode Material with Enhanced Electrochemical Properties. <i>Electrochimica Acta</i> , <b>2016</b> , 192, 340-345	6.7	29
54	Lithium deposition on graphite anode during long-term cycles and the effect on capacity loss. <i>RSC Advances</i> , <b>2014</b> , 4, 26335-26341	3.7	29
53	A Novel One-dimensional Reduced Graphene Oxide/Sulfur Nanoscroll Material and its Application in Lithium Sulfur Batteries. <i>Electrochimica Acta</i> , <b>2016</b> , 222, 1861-1869	6.7	29
52	Triphenyl phosphite as an electrolyte additive to improve the cyclic stability of lithium-rich layered oxide cathode for lithium-ion batteries. <i>Electrochimica Acta</i> , <b>2016</b> , 216, 44-50	6.7	27

51	Self-doping Ti <sub>1-x</sub> Nb <sub>2+x</sub> O <sub>7</sub> anode material for lithium-ion battery and its electrochemical performance. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 728, 534-540	5.7	27
50	Effects of carbon on the structure and electrochemical performance of Li <sub>2</sub> FeSiO <sub>4</sub> cathode materials for lithium-ion batteries. <i>RSC Advances</i> , <b>2012</b> , 2, 6994	3.7	27
49	Unravelling the Enhanced High-Temperature Performance of Lithium-Rich Oxide Cathode with Methyl Diphenylphosphinite as Electrolyte Additive. <i>ChemElectroChem</i> , <b>2018</b> , 5, 1569-1575	4.3	26
48	Lithium compound deposition on mesocarbon microbead anode of lithium ion batteries after long-term cycling. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 12962-70	9.5	26
47	Facile synthesis of binder-free reduced graphene oxide/silicon anode for high-performance lithium ion batteries. <i>Journal of Power Sources</i> , <b>2016</b> , 312, 216-222	8.9	25
46	Lithium Cobalt Oxides Functionalized by Conductive Al-doped ZnO Coating as Cathode for High-performance Lithium Ion Batteries. <i>Electrochimica Acta</i> , <b>2017</b> , 224, 96-104	6.7	24
45	Role of fluorine surface modification in improving electrochemical cyclability of concentration gradient Li[Ni <sub>0.73</sub> Co <sub>0.12</sub> Mn <sub>0.15</sub> ]O <sub>2</sub> cathode material for Li-ion batteries. <i>RSC Advances</i> , <b>2016</b> , 6, 26307-26316	3.7	24
44	Polymeric multilayer-modified manganese dioxide with hollow porous structure as sulfur host for lithium sulfur batteries. <i>Electrochimica Acta</i> , <b>2018</b> , 259, 440-448	6.7	23
43	Improvement of cycle performance for silicon/carbon composite used as anode for lithium ion batteries. <i>Materials Chemistry and Physics</i> , <b>2009</b> , 115, 757-760	4.4	23
42	Improved high-voltage performance of LiNi <sub>1/3</sub> Co <sub>1/3</sub> Mn <sub>1/3</sub> O <sub>2</sub> cathode with Tris(2,2,2-trifluoroethyl) phosphite as electrolyte additive. <i>Electrochimica Acta</i> , <b>2017</b> , 243, 72-81	6.7	22
41	Enhancement of the electrochemical performance of silicon/carbon composite material for lithium ion batteries. <i>Ionics</i> , <b>2011</b> , 17, 87-90	2.7	22
40	Hierarchy carbon paper for the gas diffusion layer of proton exchange membrane fuel cells. <i>Journal of Power Sources</i> , <b>2009</b> , 187, 505-508	8.9	22
39	Accelerated aging and degradation mechanism of LiFePO <sub>4</sub> /graphite batteries cycled at high discharge rates.. <i>RSC Advances</i> , <b>2018</b> , 8, 25695-25703	3.7	21
38	Facile preparation of Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> /AB/MWCNTs composite with high-rate performance for lithium ion battery. <i>Electrochimica Acta</i> , <b>2013</b> , 94, 294-299	6.7	21
37	Mixed lithium ion and electron conducting LiAlPO <sub>3.93</sub> F <sub>1.07</sub> -coated LiCoO <sub>2</sub> cathode with improved electrochemical performance. <i>Electrochemistry Communications</i> , <b>2017</b> , 83, 106-109	5.1	21
36	Pseudocapacitive Li <sup>+</sup> intercalation in ZnO/ZnO@C composites enables high-rate lithium-ion storage and stable cyclability. <i>Ceramics International</i> , <b>2017</b> , 43, 11998-12004	5.1	20
35	Improved properties of polymer electrolyte by ionic liquid PP1.3TFSI for secondary lithium ion battery. <i>Journal of Solid State Electrochemistry</i> , <b>2012</b> , 16, 383-389	2.6	20
34	Effect of short-time external short circuiting on the capacity fading mechanism during long-term cycling of LiCoO <sub>2</sub> /mesocarbon microbeads battery. <i>Journal of Power Sources</i> , <b>2016</b> , 318, 154-162	8.9	20

33	Improved Rate Performance of Lithium Sulfur Batteries by In-Situ Anchoring of Lithium Iodide in Carbon/Sulfur Cathode. <i>Electrochimica Acta</i> , <b>2017</b> , 238, 257-262	6.7	19
32	The effects of functional ionic liquid on properties of solid polymer electrolyte. <i>Materials Chemistry and Physics</i> , <b>2011</b> , 128, 250-255	4.4	19
31	Improved electrochemical performance of NaAlO <sub>2</sub> -coated LiCoO <sub>2</sub> for lithium-ion batteries. <i>Journal of Solid State Electrochemistry</i> , <b>2017</b> , 21, 1195-1201	2.6	18
30	High-performance carbon-coated LiMnPO <sub>4</sub> nanocomposites by facile two-step solid-state synthesis for lithium-ion battery. <i>Journal of Solid State Electrochemistry</i> , <b>2015</b> , 19, 281-288	2.6	18
29	Engineering Molecular Polymerization for Template-Free SiO <sub>x</sub> /C Hollow Spheres as Ultrastable Anodes in Lithium-Ion Batteries. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2101145	15.6	18
28	Degradation mechanism of over-charged LiCoO <sub>2</sub> /mesocarbon microbeads battery during shallow depth of discharge cycling. <i>Journal of Power Sources</i> , <b>2016</b> , 329, 255-261	8.9	17
27	Synthesis and electrochemical performance of hierarchical nanocomposite of carbon coated LiCoPO <sub>4</sub> crosslinked by graphene. <i>Materials Chemistry and Physics</i> , <b>2016</b> , 171, 6-10	4.4	17
26	Layer-by-Layer Engineered Silicon-Based Sandwich Nanomat as Flexible Anode for Lithium-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 39970-39978	9.5	17
25	Enhanced lithium storage performance of silicon anode via fabricating into sandwich electrode. <i>Electrochimica Acta</i> , <b>2011</b> , 56, 4403-4407	6.7	17
24	Understanding the Structural Evolution and Lattice Water Movement for Rhombohedral Nickel Hexacyanoferrate upon Sodium Migration. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 46705-46713	9.5	17
23	A Nanostructured Si/SiOC Composite Anode with Volume-Change-Buffering Microstructure for Lithium-Ion Batteries. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 2604-2609	4.8	16
22	Recovery Strategy and Mechanism of Aged Lithium Ion Batteries after Shallow Depth of Discharge at Elevated Temperature. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 5234-42	9.5	14
21	Improved electrochemical performance of nano-crystalline Li <sub>2</sub> FeSiO <sub>4</sub> /C cathode material prepared by the optimization of sintering temperature. <i>Journal of Solid State Electrochemistry</i> , <b>2013</b> , 17, 1955-1959	3.6	13
20	Electrochemical investigation of silicon/carbon composite as anode material for lithium ion batteries. <i>Journal of Materials Science</i> , <b>2008</b> , 43, 3149-3152	4.3	13
19	Effects of VC-LiBOB binary additives on SEI formation in ionic liquid/organic composite electrolyte. <i>RSC Advances</i> , <b>2012</b> , 2, 4097	3.7	12
18	Electrochemical reaction of the SiMn/C composite for anode in lithium ion batteries. <i>Electrochimica Acta</i> , <b>2006</b> , 52, 1527-1531	6.7	12
17	Sol-gel synthesis of preceramic polyphenylsilsesquioxane aerogels and their application toward monolithic porous SiOC ceramics. <i>Ceramics International</i> , <b>2018</b> , 44, 14947-14951	5.1	12
16	3D hierarchical Co/CoO/C nanocomposites with mesoporous microsheets grown on nickel foam as cathodes for Li-O <sub>2</sub> batteries. <i>Journal of Alloys and Compounds</i> , <b>2018</b> , 749, 378-384	5.7	11

15	Surface nitrided and carbon coated TiNb <sub>2</sub> O <sub>7</sub> anode material with excellent performance for lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , <b>2020</b> , 835, 155241	5.7	10
14	Interface Modifications by Tris(2,2,2-trifluoroethyl) Borate for Improving the High-Voltage Performance of LiNi <sub>1/3</sub> Co <sub>1/3</sub> Mn <sub>1/3</sub> O <sub>2</sub> Cathode. <i>Journal of the Electrochemical Society</i> , <b>2017</b> , 164, A1924-A1932	3.9	9
13	Rapid Prediction of the Open-Circuit-Voltage of Lithium Ion Batteries Based on an Effective Voltage Relaxation Model. <i>Energies</i> , <b>2018</b> , 11, 3444	3.1	9
12	Prediction Model and Principle of End-of-Life Threshold for Lithium Ion Batteries Based on Open Circuit Voltage Drifts. <i>Electrochimica Acta</i> , <b>2017</b> , 255, 83-91	6.7	7
11	Excellent room-temperature performance of lithium metal polymer battery with enhanced interfacial compatibility. <i>Electrochimica Acta</i> , <b>2018</b> , 283, 1261-1268	6.7	6
10	Unraveling the Relationship between Ti <sup>4+</sup> Doping and Li <sup>+</sup> Mobility Enhancement in Ti <sup>4+</sup> Doped Li <sub>3</sub> V <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> . <i>ACS Applied Energy Materials</i> , <b>2020</b> , 3, 715-722	6.1	6
9	Facile carbon fiber-sewed high areal density electrode for lithium sulfur batteries. <i>Chemical Communications</i> , <b>2020</b> , 56, 10758-10761	5.8	6
8	Toward Promising Turnkey Solution for Next-Generation Lithium Ion Batteries: Scale Preparation, Fading Analysis, and Enhanced Performance of Microsized Si/C Composites. <i>ACS Applied Energy Materials</i> , <b>2018</b> , 1, 6977-6985	6.1	6
7	Accelerated Aging Analysis on Cycle Life of LiFePO <sub>4</sub> /Graphite Batteries Based on Different Rates. <i>ChemElectroChem</i> , <b>2018</b> , 5, 2301-2309	4.3	6
6	Superior Electrochemical Performance of WNb <sub>2</sub> O <sub>8</sub> Nanorods Triggered by Ultra-Efficient Li <sup>+</sup> Diffusion. <i>ChemistrySelect</i> , <b>2020</b> , 5, 1209-1213	1.8	5
5	Influence of accidental overcharging on the performance and degradation mechanisms of LiCoO <sub>2</sub> /mesocarbon microbead battery. <i>Journal of Solid State Electrochemistry</i> , <b>2018</b> , 22, 3743-3750	2.6	5
4	Electrochemical Properties of Natural Graphite Fluorinated by ClF <sub>3</sub> and NF <sub>3</sub> in Propylene Carbonate-Containing Solvent. <i>Journal of the Electrochemical Society</i> , <b>2008</b> , 155, A405	3.9	4
3	Hydrothermal Self-Assembly Synthesis of Porous SnO <sub>2</sub> /Graphene Nanocomposite as an Anode Material for Lithium Ion Batteries. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2017</b> , 17, 1877-1883	1.3	2
2	Electrochemical behaviors in the anode of LiCoO <sub>2</sub> /mesocarbon microbead battery and their impacts on the capacity degradation. <i>Ionics</i> , <b>2021</b> , 27, 2353-2365	2.7	1
1	A multifunctional silicotungstic acid-modified Li-rich manganese-based cathode material with excellent electrochemical properties. <i>Journal of Solid State Electrochemistry</i> , <b>2019</b> , 23, 101-108	2.6	1