

Xuning Feng

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137
papers

7,283
citations

40
h-index

83
g-index

144
ext. papers

10,751
ext. citations

9.1
avg, IF

6.66
L-index

#	Paper	IF	Citations
137	Thermal runaway mechanism of lithium ion battery for electric vehicles: A review. <i>Energy Storage Materials</i> , 2018 , 10, 246-267	19.4	998
136	Thermal runaway features of large format prismatic lithium ion battery using extended volume accelerating rate calorimetry. <i>Journal of Power Sources</i> , 2014 , 255, 294-301	8.9	378
135	Lithium-ion battery fast charging: A review. <i>ETransportation</i> , 2019 , 1, 100011	12.7	371
134	A review on the key issues of the lithium ion battery degradation among the whole life cycle. <i>ETransportation</i> , 2019 , 1, 100005	12.7	349
133	Thermal Runaway of Lithium-Ion Batteries without Internal Short Circuit. <i>Joule</i> , 2018 , 2, 2047-2064	27.8	234
132	Characterization of penetration induced thermal runaway propagation process within a large format lithium ion battery module. <i>Journal of Power Sources</i> , 2015 , 275, 261-273	8.9	228
131	Mitigating Thermal Runaway of Lithium-Ion Batteries. <i>Joule</i> , 2020 , 4, 743-770	27.8	216
130	The Co-estimation of State of Charge, State of Health, and State of Function for Lithium-Ion Batteries in Electric Vehicles. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 92-103	6.8	199
129	Thermal runaway propagation model for designing a safer battery pack with 25 Ah LiNi Co Mn O ₂ large format lithium ion battery. <i>Applied Energy</i> , 2015 , 154, 74-91	10.7	177
128	Online internal short circuit detection for a large format lithium ion battery. <i>Applied Energy</i> , 2016 , 161, 168-180	10.7	167
127	An electrochemical-thermal coupled overcharge-to-thermal-runaway model for lithium ion battery. <i>Journal of Power Sources</i> , 2017 , 364, 328-340	8.9	166
126	Investigating the thermal runaway mechanisms of lithium-ion batteries based on thermal analysis database. <i>Applied Energy</i> , 2019 , 246, 53-64	10.7	162
125	A 3D thermal runaway propagation model for a large format lithium ion battery module. <i>Energy</i> , 2016 , 115, 194-208	7.9	160
124	Low temperature aging mechanism identification and lithium deposition in a large format lithium iron phosphate battery for different charge profiles. <i>Journal of Power Sources</i> , 2015 , 286, 309-320	8.9	152
123	State-of-health monitoring of lithium-ion battery modules and packs via incremental capacity peak tracking. <i>Applied Energy</i> , 2016 , 180, 360-368	10.7	146
122	Overcharge-induced capacity fading analysis for large format lithium-ion batteries with Li Ni _{1/3} Co _{1/3} Mn _{1/3} O ₂ + Li Mn ₂ O ₄ composite cathode. <i>Journal of Power Sources</i> , 2015 , 279, 626-635	8.9	129
121	Model-based thermal runaway prediction of lithium-ion batteries from kinetics analysis of cell components. <i>Applied Energy</i> , 2018 , 228, 633-644	10.7	128

120	Using probability density function to evaluate the state of health of lithium-ion batteries. <i>Journal of Power Sources</i> , 2013 , 232, 209-218	8.9	125
119	A dynamic capacity degradation model and its applications considering varying load for a large format Li-ion battery. <i>Applied Energy</i> , 2016 , 165, 48-59	10.7	119
118	Internal short circuit detection for battery pack using equivalent parameter and consistency method. <i>Journal of Power Sources</i> , 2015 , 294, 272-283	8.9	111
117	Mechanism of the entire overdischarge process and overdischarge-induced internal short circuit in lithium-ion batteries. <i>Scientific Reports</i> , 2016 , 6, 30248	4.9	107
116	Online State-of-Health Estimation for Li-Ion Battery Using Partial Charging Segment Based on Support Vector Machine. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 8583-8592	6.8	107
115	A comparative investigation of aging effects on thermal runaway behavior of lithium-ion batteries. <i>ETransportation</i> , 2019 , 2, 100034	12.7	104
114	Characterization of large format lithium ion battery exposed to extremely high temperature. <i>Journal of Power Sources</i> , 2014 , 272, 457-467	8.9	102
113	Detecting the internal short circuit in large-format lithium-ion battery using model-based fault-diagnosis algorithm. <i>Journal of Energy Storage</i> , 2018 , 18, 26-39	7.8	88
112	Probing the heat sources during thermal runaway process by thermal analysis of different battery chemistries. <i>Journal of Power Sources</i> , 2018 , 378, 527-536	8.9	85
111	Investigating the relationship between internal short circuit and thermal runaway of lithium-ion batteries under thermal abuse condition. <i>Energy Storage Materials</i> , 2021 , 34, 563-573	19.4	82
110	Overcharge behaviors and failure mechanism of lithium-ion batteries under different test conditions. <i>Applied Energy</i> , 2019 , 250, 323-332	10.7	81
109	Investigation of Lithium Plating-Stripping Process in Li-Ion Batteries at Low Temperature Using an Electrochemical Model. <i>Journal of the Electrochemical Society</i> , 2018 , 165, A2167-A2178	3.9	80
108	Non-destructive fast charging algorithm of lithium-ion batteries based on the control-oriented electrochemical model. <i>Applied Energy</i> , 2017 , 204, 1240-1250	10.7	78
107	Thermal Runaway Triggered by Plated Lithium on the Anode after Fast Charging. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 46839-46850	9.5	64
106	Thermal runaway of Lithium-ion batteries employing LiN(SOF)-based concentrated electrolytes. <i>Nature Communications</i> , 2020 , 11, 5100	17.4	58
105	Degradation mechanisms of high capacity 18650 cells containing Si-graphite anode and nickel-rich NMC cathode. <i>Electrochimica Acta</i> , 2019 , 297, 1109-1120	6.7	56
104	Mechanism, modeling, detection, and prevention of the internal short circuit in lithium-ion batteries: Recent advances and perspectives. <i>Energy Storage Materials</i> , 2021 , 35, 470-499	19.4	52
103	Time Sequence Map for Interpreting the Thermal Runaway Mechanism of Lithium-Ion Batteries With Li _{Nix} CoyMnzO ₂ Cathode. <i>Frontiers in Energy Research</i> , 2018 , 6,	3.8	51

102	Analysis on the Fault Features for Internal Short Circuit Detection Using an Electrochemical-Thermal Coupled Model. <i>Journal of the Electrochemical Society</i> , 2018 , 165, A155-A167	3.9	44
101	A Coupled Electrochemical-Thermal Failure Model for Predicting the Thermal Runaway Behavior of Lithium-Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2018 , 165, A3748-A3765	3.9	44
100	Thermal runaway mechanism of lithium-ion battery with LiNi _{0.8} Mn _{0.1} Co _{0.1} O ₂ cathode materials. <i>Nano Energy</i> , 2021 , 85, 105878	17.1	43
99	Mechanisms for the evolution of cell variations within a LiNi _x Co _y Mn _z O ₂ /graphite lithium-ion battery pack caused by temperature non-uniformity. <i>Journal of Cleaner Production</i> , 2018 , 205, 447-462	10.3	42
98	An experimental and analytical study of thermal runaway propagation in a large format lithium ion battery module with NCM pouch-cells in parallel. <i>International Journal of Heat and Mass Transfer</i> , 2019 , 135, 93-103	4.9	41
97	Challenges and opportunities toward fast-charging of lithium-ion batteries. <i>Journal of Energy Storage</i> , 2020 , 32, 101837	7.8	40
96	A comparative analysis on thermal runaway behavior of Li (NiCoMn) O battery with different nickel contents at cell and module level. <i>Journal of Hazardous Materials</i> , 2020 , 393, 122361	12.8	39
95	Key Characteristics for Thermal Runaway of Li-ion Batteries. <i>Energy Procedia</i> , 2019 , 158, 4684-4689	2.3	37
94	Toward a high-voltage fast-charging pouch cell with TiO ₂ cathode coating and enhanced battery safety. <i>Nano Energy</i> , 2020 , 71, 104643	17.1	36
93	A reliable approach of differentiating discrete sampled-data for battery diagnosis. <i>ETransportation</i> , 2020 , 3, 100051	12.7	34
92	The Application of Data-Driven Methods and Physics-Based Learning for Improving Battery Safety. <i>Joule</i> , 2021 , 5, 316-329	27.8	34
91	Comparative study on substitute triggering approaches for internal short circuit in lithium-ion batteries. <i>Applied Energy</i> , 2020 , 259, 114143	10.7	31
90	Virtual-battery based droop control and energy storage system size optimization of a DC microgrid for electric vehicle fast charging station. <i>Applied Energy</i> , 2020 , 259, 114146	10.7	29
89	A control-oriented electrochemical model for lithium-ion battery. Part II: Parameter identification based on reference electrode. <i>Journal of Energy Storage</i> , 2020 , 27, 101101	7.8	27
88	Durability comparison of four different types of high-power batteries in HEV and their degradation mechanism analysis. <i>Applied Energy</i> , 2016 , 179, 1123-1130	10.7	27
87	Internal short circuit detection for lithium-ion battery pack with parallel-series hybrid connections. <i>Journal of Cleaner Production</i> , 2020 , 255, 120277	10.3	26
86	Development of cathode-electrolyte-interphase for safer lithium batteries. <i>Energy Storage Materials</i> , 2021 , 37, 77-86	19.4	25
85	Model and experiments to investigate thermal runaway characterization of lithium-ion batteries induced by external heating method. <i>Journal of Power Sources</i> , 2021 , 504, 230065	8.9	25

84	Turning waste into wealth: A systematic review on echelon utilization and material recycling of retired lithium-ion batteries. <i>Energy Storage Materials</i> , 2021 , 40, 96-123	19.4	24
83	Influence of aging paths on the thermal runaway features of lithium-ion batteries in accelerating rate calorimetry tests. <i>International Journal of Electrochemical Science</i> , 2019 , 44-58	2.2	23
82	A Comparative Study of Charging Voltage Curve Analysis and State of Health Estimation of Lithium-ion Batteries in Electric Vehicle. <i>Automotive Innovation</i> , 2019 , 2, 263-275	1.7	21
81	Experimental study on thermal runaway propagation of lithium-ion battery modules with different parallel-series hybrid connections. <i>Journal of Cleaner Production</i> , 2021 , 284, 124749	10.3	21
80	Internal temperature detection of thermal runaway in lithium-ion cells tested by extended-volume accelerating rate calorimetry. <i>Journal of Energy Storage</i> , 2020 , 31, 101670	7.8	19
79	Errors in the reference electrode measurements in real lithium-ion batteries. <i>Journal of Power Sources</i> , 2021 , 481, 228933	8.9	19
78	Unlocking the self-supported thermal runaway of high-energy lithium-ion batteries. <i>Energy Storage Materials</i> , 2021 , 39, 395-402	19.4	19
77	Error Analysis of the Model-Based State-of-Charge Observer for Lithium-Ion Batteries. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 8055-8064	6.8	18
76	Incremental Capacity Analysis on Commercial Lithium-Ion Batteries Using Support Vector Regression: A Parametric Study. <i>Energies</i> , 2018 , 11, 2323	3.1	18
75	Theoretical and experimental analysis of the lithium-ion battery thermal runaway process based on the internal combustion engine combustion theory. <i>Energy Conversion and Management</i> , 2019 , 185, 211-222	10.6	17
74	Determination of the battery pack capacity considering the estimation error using a Capacity-Quantity diagram. <i>Applied Energy</i> , 2016 , 177, 384-392	10.7	17
73	An experimental study on the thermal characteristics of the Cell-To-Pack system. <i>Energy</i> , 2021 , 227, 120338	3.8	17
72	An Experimental Study on Preventing Thermal Runaway Propagation in Lithium-Ion Battery Module Using Aerogel and Liquid Cooling Plate Together. <i>Fire Technology</i> , 2020 , 56, 2579-2602	3	16
71	Questions and Answers Relating to Lithium-Ion Battery Safety Issues. <i>Cell Reports Physical Science</i> , 2021 , 2, 100285	6.1	16
70	Cloud-based health-conscious energy management of hybrid battery systems in electric vehicles with deep reinforcement learning. <i>Applied Energy</i> , 2021 , 293, 116977	10.7	16
69	Physics-based fractional-order model with simplified solid phase diffusion of lithium-ion battery. <i>Journal of Energy Storage</i> , 2020 , 30, 101404	7.8	15
68	A sequential capacity estimation for the lithium-ion batteries combining incremental capacity curve and discrete Arrhenius fading model. <i>Journal of Power Sources</i> , 2021 , 484, 229248	8.9	15
67	Drive circuitry of an electric vehicle enabling rapid heating of the battery pack at low temperatures. <i>IScience</i> , 2021 , 24, 101921	6.1	15

66	Testing Lithium-Ion Battery with the Internal Reference Electrode: An Insight into the Blocking Effect. <i>Journal of the Electrochemical Society</i> , 2018 , 165, A3240-A3248	3.9	15
65	Battery remaining discharge energy estimation based on prediction of future operating conditions. <i>Journal of Energy Storage</i> , 2019 , 25, 100836	7.8	14
64	Rule-based fault diagnosis of hall sensors and fault-tolerant control of PMSM. <i>Chinese Journal of Mechanical Engineering (English Edition)</i> , 2013 , 26, 813-822	2.5	14
63	High-Voltage and High-Safety Practical Lithium Batteries with Ethylene Carbonate-Free Electrolyte. <i>Advanced Energy Materials</i> , 2021 , 11, 2102299	21.8	14
62	A graphical model for evaluating the status of series-connected lithium-ion battery pack. <i>International Journal of Energy Research</i> , 2019 , 43, 749-766	4.5	14
61	Investigation of thermal runaway propagation characteristics of lithium-ion battery modules under different trigger modes. <i>International Journal of Heat and Mass Transfer</i> , 2021 , 171, 121080	4.9	13
60	Thermal-responsive, super-strong, ultrathin firewalls for quenching thermal runaway in high-energy battery modules. <i>Energy Storage Materials</i> , 2021 , 40, 329-336	19.4	13
59	Experimental Investigation on the Feasibility of Heat Pipe-Based Thermal Management System to Prevent Thermal Runaway Propagation. <i>Journal of Electrochemical Energy Conversion and Storage</i> , 2019 , 16,	2	12
58	Overcharge durability of Li4Ti5O12 based lithium-ion batteries at low temperature. <i>Journal of Energy Storage</i> , 2018 , 19, 302-310	7.8	12
57	Preliminary Study on the Mechanism of Lithium Ion Battery Pack under Water Immersion. <i>ECS Transactions</i> , 2017 , 77, 209-216	1	12
56	Volume Deformation of Large-Format Lithium Ion Batteries under Different Degradation Paths. <i>Journal of the Electrochemical Society</i> , 2019 , 166, A4106-A4114	3.9	12
55	Micro-Short-Circuit Cell Fault Identification Method for Lithium-Ion Battery Packs Based on Mutual Information. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 4373-4381	8.9	12
54	Progress review of US-China joint research on advanced technologies for plug-in electric vehicles. <i>Science China Technological Sciences</i> , 2018 , 61, 1431-1445	3.5	12
53	Internal short circuit evaluation and corresponding failure mode analysis for lithium-ion batteries. <i>Journal of Energy Chemistry</i> , 2021 , 61, 269-280	12	12
52	Synergistic effect of insulation and liquid cooling on mitigating the thermal runaway propagation in lithium-ion battery module. <i>Applied Thermal Engineering</i> , 2021 , 199, 117521	5.8	12
51	Battery Internal Short Circuit Detection. <i>ECS Transactions</i> , 2017 , 77, 217-223	1	11
50	A method of cell-to-cell variation evaluation for battery packs in electric vehicles with charging cloud data. <i>ETransportation</i> , 2020 , 6, 100077	12.7	11
49	Remaining discharge energy estimation for lithium-ion batteries based on future load prediction considering temperature and ageing effects. <i>Energy</i> , 2022 , 238, 121754	7.9	11

48	Multi-objective optimization design for a double-direction liquid heating system-based Cell-to-Chassis battery module. <i>International Journal of Heat and Mass Transfer</i> , 2022 , 183, 122184	4.9	10
47	In-built ultraconformal interphases enable high-safety practical lithium batteries. <i>Energy Storage Materials</i> , 2021 , 43, 248-257	19.4	10
46	Corrosion resistance mechanism of chromate conversion coated aluminium current collector in lithium-ion batteries. <i>Corrosion Science</i> , 2019 , 158, 108100	6.8	9
45	A review of the internal short circuit mechanism in lithium-ion batteries: Inducement, detection and prevention. <i>International Journal of Energy Research</i> , 2021 , 45, 15797-15831	4.5	9
44	Online internal short circuit detection method considering equalization electric quantity for lithium-ion battery pack in electric vehicles. <i>International Journal of Energy Research</i> , 2021 , 45, 7326-7340	4.5	9
43	A Test Approach for Evaluating the Safety Considering Thermal Runaway Propagation within the Battery Pack. <i>ECS Transactions</i> , 2017 , 77, 225-236	1	8
42	Immersion cooling for lithium-ion batteries [A review]. <i>Journal of Power Sources</i> , 2022 , 525, 231094	8.9	8
41	Investigating the thermal runaway features of lithium-ion batteries using a thermal resistance network model. <i>Applied Energy</i> , 2021 , 295, 117038	10.7	8
40	Thermal Runaway Propagation Assessment of Different Battery Pack Designs Using the TF5 Draft as Framework. <i>Journal of the Electrochemical Society</i> , 2019 , 166, A1653-A1659	3.9	7
39	Optimal charge current of lithium ion battery. <i>Energy Procedia</i> , 2017 , 142, 1867-1873	2.3	7
38	Determination of the Differential Capacity of Lithium-Ion Batteries by the Deconvolution of Electrochemical Impedance Spectra. <i>Energies</i> , 2020 , 13, 915	3.1	6
37	Research on a battery test profile based on road test data from hybrid fuel cell buses. <i>Journal of Power Sources</i> , 2012 , 209, 30-39	8.9	6
36	Thermal kinetics comparison of delithiated Li[Ni Co Mn]O ₂ cathodes. <i>Journal of Power Sources</i> , 2021 , 514, 230582	8.9	6
35	Degradation Identification of Individual Components in the Li _y Ni _{1/3} Co _{1/3} Mn _{1/3} O ₂ -Li _y Mn ₂ O ₄ Blended Cathode for Large Format Lithium Ion Battery. <i>Energy Procedia</i> , 2017 , 105, 2698-2704	2.3	5
34	Dynamic thermophysical modeling of thermal runaway propagation and parametric sensitivity analysis for large format lithium-ion battery modules. <i>Journal of Power Sources</i> , 2022 , 520, 230724	8.9	5
33	Thermal Runaway Suppression of High-Energy Lithium-Ion Batteries by Designing the Stable Interphase. <i>Journal of the Electrochemical Society</i> , 2021 , 168, 090563	3.9	5
32	A decomposed electrode model for real-time anode potential observation of lithium-ion batteries. <i>Journal of Power Sources</i> , 2021 , 513, 230529	8.9	5
31	Thermal runaway front in failure propagation of long-shape lithium-ion battery. <i>International Journal of Heat and Mass Transfer</i> , 2022 , 182, 121928	4.9	5

30	Comparison of the Overcharge Behaviors of Lithium-ion Batteries Under Different Test Conditions. <i>Energy Procedia</i> , 2019 , 158, 4921-4926	2.3	4
29	Dimensionless normalized concentration based thermal-electric regression model for the thermal runaway of lithium-ion batteries. <i>Journal of Power Sources</i> , 2022 , 521, 230958	8.9	4
28	Fault Identification and Quantitative Diagnosis Method for Series-Connected Lithium-Ion Battery Packs Based on Capacity Estimation. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 1-1	8.9	4
27	Battery SOH Management Research in the US-China Clean Energy Research Center-Clean Vehicle Consortium. <i>IFAC-PapersOnLine</i> , 2015 , 48, 448-453	0.7	3
26	Thermal runaway of lithium-ion batteries employing flame-retardant fluorinated electrolytes. <i>Energy and Environmental Materials</i> ,	13	3
25	Thermal runaway modeling of large format high-nickel/silicon-graphite lithium-ion batteries based on reaction sequence and kinetics. <i>Applied Energy</i> , 2022 , 306, 117943	10.7	3
24	Thermal Runaway Propagation Within Module Consists of Large Format Li-Ion Cells. <i>Lecture Notes in Electrical Engineering</i> , 2016 , 117-123	0.2	3
23	Battery eruption triggered by plated lithium on an anode during thermal runaway after fast charging. <i>Energy</i> , 2022 , 239, 122097	7.9	3
22	Synergistic Dual-Salt Electrolyte for Safe and High-Voltage LiNiCoMnO//Graphite Pouch Cells.. <i>ACS Applied Materials & Interfaces</i> , 2022 ,	9.5	3
21	An experimental analysis on thermal runaway and its propagation in Cell-to-Pack lithium-ion batteries. <i>Applied Thermal Engineering</i> , 2022 , 118418	5.8	3
20	Multi-objective optimization design and experimental investigation for a parallel liquid cooling-based Lithium-ion battery module under fast charging. <i>Applied Thermal Engineering</i> , 2022 , 211, 118503	5.8	3
19	Research on simplification of simulating the heat conduction in the lithium-ion battery core 2013 ,		2
18	Investigation on Thermal Runaway of Li-Ion Cells Based on LiNi _{1/3} Mn _{1/3} Co _{1/3} O ₂ . <i>Journal of Electrochemical Energy Conversion and Storage</i> , 2021 , 18,	2	2
17	Multi-objective optimization of side plates in a large format battery module to mitigate thermal runaway propagation. <i>International Journal of Heat and Mass Transfer</i> , 2022 , 186, 122395	4.9	2
16	Parameter identification of fractional-order model with transfer learning for aging lithium-ion batteries. <i>International Journal of Energy Research</i> , 2021 , 45, 12825-12837	4.5	2
15	Thermal oxidation characteristics for smoke particles from an abused prismatic Li(Ni _{0.6} Co _{0.2} Mn _{0.2})O ₂ battery. <i>Journal of Energy Storage</i> , 2021 , 39, 102639	7.8	2
14	Heating power and heating energy effect on the thermal runaway propagation characteristics of lithium-ion battery module: Experiments and modeling. <i>Applied Energy</i> , 2022 , 312, 118760	10.7	2
13	Modeling of Lithium plating in lithium ion batteries based on Monte Carlo method. <i>Journal of Power Sources</i> , 2022 , 541, 231568	8.9	2

12	Novel non-destructive detection methods of lithium plating in commercial lithium-ion batteries under dynamic discharging conditions. <i>Journal of Power Sources</i> , 2022 , 524, 231075	8.9	1
11	Investigation for the effect of side plates on thermal runaway propagation characteristics in battery modules. <i>Applied Thermal Engineering</i> , 2022 , 201, 117774	5.8	1
10	Supramolecular flame-retardant electrolyte enables safe and stable cycling of lithium-ion batteries. <i>Energy Storage Materials</i> , 2021 , 45, 182-182	19.4	1
9	Experimental investigation of state-of-power measurement for lithium-ion batteries. <i>International Journal of Energy Research</i> , 2021 , 45, 7549-7560	4.5	1
8	A novel fast estimation and regroup method of retired lithium-ion battery cells. <i>International Journal of Energy Research</i> , 2020 , 44, 11985-11997	4.5	1
7	Online Weld Breakage Diagnosis for the Battery of Electric Vehicle: A Data-Driven Approach 2016 ,		1
6	Foreign matter defect battery and sudden spontaneous combustion. <i>ETransportation</i> , 2022 , 100170	12.7	1
5	Ultra-high temperature reaction mechanism of LiNi _{0.8} Co _{0.1} Mn _{0.1} O ₂ electrode. <i>Journal of Energy Storage</i> , 2022 , 52, 104870	7.8	1
4	Thermal runaway modeling of LiNi _{0.6} Mn _{0.2} Co _{0.2} O ₂ /graphite batteries under different states of charge. <i>Journal of Energy Storage</i> , 2022 , 49, 104090	7.8	0
3	Parameter-independent error correction for potential measurements by reference electrode in lithium-ion batteries. <i>Journal of Energy Chemistry</i> , 2021 , 67, 34-34	12	0
2	In-situ thermography revealing the evolution of internal short circuit of lithium-ion batteries. <i>Journal of Power Sources</i> , 2022 , 540, 231602	8.9	0
1	Research on Simplification of Simulating the Heat Conduction in the Lithium-ion Battery Core. <i>World Electric Vehicle Journal</i> , 2013 , 6, 611-622	2.5	