

# CITATION REPORT

List of articles citing

**Reciprocating air flow for Li-ion battery thermal management to improve temperature uniformity**

**DOI: 10.1016/j.jpowsour.2011.02.076**

**Journal of Power Sources, 2011, 196, 5685-5696.**

**Source:** <https://exaly.com/paper-pdf/51601567/citation-report.pdf>

**Version:** 2024-04-24

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
491	Quadruple adaptive observer of the core temperature in cylindrical Li-ion batteries and their health monitoring. <b>2012</b> ,		3
490	A survey of long-term health modeling, estimation, and control of Lithium-ion batteries: Challenges and opportunities. <b>2012</b> ,		29
489	Performance evaluation of Multilevel Converter based cell balancer with reciprocating air flow. <b>2012</b> ,		
488	Analysis of the thermal behavior of a LiFePO <sub>4</sub> battery cell. <i>Journal of Physics: Conference Series</i> , <b>2012</b> , 395, 012013	0.3	5
487	Evaluating the Potential for Cell Balancing Using a Cascaded Multi-Level Converter Using Convex Optimization*. <b>2012</b> , 45, 100-107		8
486	Thermal runaway caused fire and explosion of lithium ion battery. <i>Journal of Power Sources</i> , <b>2012</b> , 208, 210-224	8.9	1452
485	Thermal modelling of Li-ion polymer battery for electric vehicle drive cycles. <i>Journal of Power Sources</i> , <b>2012</b> , 213, 296-303	8.9	109
484	Examining temporal and spatial variations of internal temperature in large-format laminated battery with embedded thermocouples. <i>Journal of Power Sources</i> , <b>2013</b> , 241, 536-553	8.9	99
483	Spatial-resolution, lumped-capacitance thermal model for cylindrical Li-ion batteries under high Biot number conditions. <b>2013</b> , 37, 2787-2801		24
482	Simulation of the Thermal Behavior of a Prismatic LiFePO <sub>4</sub> Battery Cell. <b>2013</b> ,		2
481	Online Parameterization of Lumped Thermal Dynamics in Cylindrical Lithium Ion Batteries for Core Temperature Estimation and Health Monitoring. <b>2013</b> , 21, 1745-1755		144
480	Lithium ion battery pack power fade fault identification based on Shannon entropy in electric vehicles. <i>Journal of Power Sources</i> , <b>2013</b> , 223, 136-146	8.9	100
479	Investigation of nickelmetal hydride battery sorting based on charging thermal behavior. <i>Journal of Power Sources</i> , <b>2013</b> , 224, 120-124	8.9	11
478	Thermal management of cylindrical batteries investigated using wind tunnel testing and computational fluid dynamics simulation. <i>Journal of Power Sources</i> , <b>2013</b> , 238, 395-402	8.9	116
477	A design of air flow configuration for cooling lithium ion battery in hybrid electric vehicles. <i>Journal of Power Sources</i> , <b>2013</b> , 239, 30-36	8.9	258
476	A parametric study on thermal management of an air-cooled lithium-ion battery module for plug-in hybrid electric vehicles. <i>Journal of Power Sources</i> , <b>2013</b> , 238, 301-312	8.9	296
475	Experimental investigation on thermal management of electric vehicle battery with heat pipe. <b>2013</b> , 65, 92-97		271

474	Equitable Multi-Objective Optimization Applied to the Design of a Hybrid Electric Vehicle Battery. <b>2013</b> , 135,		9
473	Arrhenius Equation-Based Cell-Health Assessment: Application to Thermal Energy Management Design of a HEV NiMH Battery Pack. <i>Energies</i> , <b>2013</b> , 6, 2709-2725	3.1	31
472	On Thermal and State-of-Charge Balancing using Cascaded Multi-level Converters. <b>2013</b> , 13, 569-583		9
471	Research of Flywheel System Energy Harvesting Technology for Fuel Cell Hybrid Vehicles. <b>2013</b> , 13, 1234-12418		
470	Control of a reaction-diffusion PDE cascaded with a heat equation. <b>2013</b> ,		
469	Parameterization and Observability Analysis of Scalable Battery Clusters for Onboard Thermal Management. <b>2013</b> , 68, 165-178		57
468	Simultaneous Thermal and State-of-Charge Balancing of Batteries: A Review. <b>2014</b> ,		12
467	Cooling Air Temperature and Mass Flow Rate Control for Hybrid Electric Vehicle Battery Thermal Management. <b>2014</b> ,		7
466	Thermal Conductivity, Heat Sources and Temperature Profiles of Li-Ion Batteries. <b>2014</b> , 58, 145-171		29
465	Electro-thermal analysis of Lithium Iron Phosphate battery for electric vehicles. <i>Journal of Power Sources</i> , <b>2014</b> , 249, 231-238	8.9	111
464	Modelling of the battery pack thermal management system for Hybrid Electric Vehicles. <b>2014</b> ,		2
463	Thermal investigation of lithium-ion battery module with different cell arrangement structures and forced air-cooling strategies. <b>2014</b> , 134, 229-238		321
462	Novel thermal management system design methodology for power lithium-ion battery. <i>Journal of Power Sources</i> , <b>2014</b> , 272, 291-302	8.9	63
461	Feasibility study on thermoelectric device to energy storage system of an electric vehicle. <b>2014</b> , 76, 436-444		16
460	Experimental performances of a battery thermal management system using a phase change material. <i>Journal of Power Sources</i> , <b>2014</b> , 270, 349-358	8.9	99
459	Thermal analysis and two-directional air flow thermal management for lithium-ion battery pack. <i>Journal of Power Sources</i> , <b>2014</b> , 270, 193-200	8.9	125
458	Transient modeling and validation of lithium ion battery pack with air cooled thermal management system for electric vehicles. <i>International Journal of Automotive Technology</i> , <b>2014</b> , 15, 795-803	1.6	30
457	Shortcut computation for the thermal management of a large air-cooled battery pack. <i>Applied Thermal Engineering</i> , <b>2014</b> , 66, 445-452	5.8	82

456	Combined experimental and numerical study of thermal management of battery module consisting of multiple Li-ion cells. <b>2014</b> , 72, 622-629		86
455	A theoretical and computational study of lithium-ion battery thermal management for electric vehicles using heat pipes. <i>Journal of Power Sources</i> , <b>2014</b> , 257, 344-355	8.9	153
454	Review on the heat dissipation performance of battery pack with different structures and operation conditions. <b>2014</b> , 29, 301-315		49
453	On-line equalization for lithium-ion battery packs based on charging cell voltages: Part 2. Fuzzy logic equalization. <i>Journal of Power Sources</i> , <b>2014</b> , 247, 460-466	8.9	35
452	Thermal analysis of high-power lithium-ion battery packs using flow network approach. <i>International Journal of Energy Research</i> , <b>2014</b> , 38, 1793-1811	4.5	50
451	Thermal Management of Battery Module Consisting of Multiple Li-ion Cells for Hybrid Power Systems. <b>2014</b> ,		1
450	Virtual Prototyping Approach to Evaluate the Thermal Management of Li-Ion Batteries. <b>2014</b> ,		4
449	Electro-thermal Control of Modular Battery using Model Predictive Control with Control Projections. <b>2015</b> , 48, 368-375		2
448	LTCC Temperature Controller. <b>2015</b> , 12, E90-E98		1
447	Design and Simulation of Lithium-Ion Battery Thermal Management System for Mild Hybrid Vehicle Application. <b>2015</b> ,		3
446	Theoretical Modelling Methods for Thermal Management of Batteries. <i>Energies</i> , <b>2015</b> , 8, 10153-10177	3.1	69
445	Internal cooling of a lithium-ion battery using electrolyte as coolant through microchannels embedded inside the electrodes. <i>Journal of Power Sources</i> , <b>2015</b> , 293, 458-466	8.9	76
444	Study on the Impedance Increase Fault of Parallel Connected Batteries Based on Simscape Model Simulation. <b>2015</b> ,		2
443	. <b>2015</b> , 30, 1438-1448		11
442	Status and development of electric vehicle integrated thermal management from BTM to HVAC. <i>Applied Thermal Engineering</i> , <b>2015</b> , 88, 398-409	5.8	76
441	Stabilization of an unstable reaction-diffusion PDE cascaded with a heat equation. <b>2015</b> , 76, 8-18		20
440	Numerical investigation of water cooling for a lithium-ion bipolar battery pack. <b>2015</b> , 94, 259-269		87
439	Development of efficient air-cooling strategies for lithium-ion battery module based on empirical heat source model. <i>Applied Thermal Engineering</i> , <b>2015</b> , 90, 521-529	5.8	132

438	Adaptive Kalman filtering based internal temperature estimation with an equivalent electrical network thermal model for hard-cased batteries. <i>Journal of Power Sources</i> , <b>2015</b> , 293, 351-365	8.9	54
437	Thermal performance of mini-channel liquid cooled cylinder based battery thermal management for cylindrical lithium-ion power battery. <b>2015</b> , 103, 157-165		222
436	Thermal management of cylindrical power battery module for extending the life of new energy electric vehicles. <i>Applied Thermal Engineering</i> , <b>2015</b> , 85, 33-43	5.8	149
435	Computational fluid dynamic (CFD) investigation of thermal uniformity in a thermal cycling based calibration chamber for MEMS. <b>2015</b> , 51, 1705-1715		1
434	A hybrid thermal management system for lithium ion batteries combining phase change materials with forced-air cooling. <b>2015</b> , 148, 403-409		351
433	Numerical analyses on optimizing a heat pipe thermal management system for lithium-ion batteries during fast charging. <i>Applied Thermal Engineering</i> , <b>2015</b> , 86, 281-291	5.8	179
432	Multiple model estimator based detection of abnormal cell overheating in a Li-ion battery string with minimum number of temperature sensors. <i>Journal of Power Sources</i> , <b>2015</b> , 273, 1171-1181	8.9	15
431	Integrated Systems: Innovations and Applications. <b>2015</b> ,		2
430	System-level management of rechargeable lithium-ion batteries. <b>2015</b> , 281-302		3
429	A review of thermal performance improving methods of lithium ion battery: Electrode modification and thermal management system. <i>Journal of Power Sources</i> , <b>2015</b> , 299, 557-577	8.9	178
428	Design and parametric optimization of thermal management of lithium-ion battery module with reciprocating air-flow. <b>2015</b> , 22, 3970-3976		28
427	Experimental demonstration of active thermal control of a battery module consisting of multiple Li-ion cells. <b>2015</b> , 91, 630-639		40
426	A novel active battery equalization control with on-line unhealthy cell detection and cell change decision. <i>Journal of Power Sources</i> , <b>2015</b> , 299, 356-370	8.9	56
425	Experimental and numerical investigation on thermal management of an outdoor battery cabinet. <i>Applied Thermal Engineering</i> , <b>2015</b> , 91, 210-224	5.8	3
424	A control-oriented lithium-ion battery pack model for plug-in hybrid electric vehicle cycle-life studies and system design with consideration of health management. <i>Journal of Power Sources</i> , <b>2015</b> , 279, 791-808	8.9	73
423	Thermal management of batteries employing active temperature control and reciprocating cooling flow. <b>2015</b> , 83, 164-172		76
422	An experimental study of heat pipe thermal management system with wet cooling method for lithium ion batteries. <i>Journal of Power Sources</i> , <b>2015</b> , 273, 1089-1097	8.9	152
421	Review on use of phase change materials in battery thermal management for electric and hybrid electric vehicles. <i>International Journal of Energy Research</i> , <b>2016</b> , 40, 1011-1031	4.5	128

4 <sup>20</sup>	Modeling efforts in the key areas of thermal management and safety of lithium ion battery cells: a mini review. <b>2016</b> , 11, 399-406		18
4 <sup>19</sup>	Measurement of Multiscale Thermal Transport Phenomena in Li-Ion Cells: A Review. <b>2016</b> , 13,		43
4 <sup>18</sup>	Experimental investigation on an integrated thermal management system with heat pipe heat exchanger for electric vehicle. <b>2016</b> , 118, 88-95		58
4 <sup>17</sup>	Thermal management of Li-ion battery with liquid metal. <b>2016</b> , 117, 577-585		132
4 <sup>16</sup>	Dynamic thermal characteristics of heat pipe via segmented thermal resistance model for electric vehicle battery cooling. <i>Journal of Power Sources</i> , <b>2016</b> , 321, 57-70	8.9	85
4 <sup>15</sup>	Recording frequency optimization for massive battery data storage in battery management systems. <b>2016</b> , 183, 380-389		18
4 <sup>14</sup>	Gain-Scheduled Control of Modular Battery for Thermal and State-of-Charge Balancing. <b>2016</b> , 49, 62-69		2
4 <sup>13</sup>	An experimental study of thermal management system using copper mesh-enhanced composite phase change materials for power battery pack. <b>2016</b> , 113, 909-916		113
4 <sup>12</sup>	Experimental and modeling study of controller-based thermal management of battery modules under dynamic loads. <b>2016</b> , 103, 154-164		32
4 <sup>11</sup>	Thermal performance of lithium-ion battery thermal management system by using mini-channel cooling. <b>2016</b> , 126, 622-631		252
4 <sup>10</sup>	Coupled electrochemical thermal modelling of a novel Li-ion battery pack thermal management system. <b>2016</b> , 181, 1-13		152
4 <sup>09</sup>	. <b>2016</b> , 1-1		25
4 <sup>08</sup>	Experimental investigation of a passive thermal management system for high-powered lithium ion batteries using nickel foam-paraffin composite. <b>2016</b> , 115, 209-218		99
4 <sup>07</sup>	Actively controlled thermal management of prismatic Li-ion cells under elevated temperatures. <b>2016</b> , 102, 315-322		17
4 <sup>06</sup>	Anisotropic Tuning of Graphite Thermal Conductivity by Lithium Intercalation. <b>2016</b> , 7, 4744-4750		50
4 <sup>05</sup>	Computational fluid dynamic and thermal analysis of Lithium-ion battery pack with air cooling. <b>2016</b> , 177, 783-792		234
4 <sup>04</sup>	A critical review of thermal management models and solutions of lithium-ion batteries for the development of pure electric vehicles. <b>2016</b> , 64, 106-128		413
4 <sup>03</sup>	Numerical study on the thermal performance of a composite board in battery thermal management system. <i>Applied Thermal Engineering</i> , <b>2016</b> , 106, 131-140	5.8	80

402	Investigation of the thermal performance of axial-flow air cooling for the lithium-ion battery pack. <b>2016</b> , 108, 132-144		84
401	Physics based modeling of a series parallel battery pack for asymmetry analysis, predictive control and life extension. <i>Journal of Power Sources</i> , <b>2016</b> , 322, 57-67	8.9	24
400	Multiple-Model-Based Overheating Detection in a Supercapacitors String. <b>2016</b> , 31, 1413-1422		1
399	Thermo-electrochemical model for forced convection air cooling of a lithium-ion battery module. <i>Applied Thermal Engineering</i> , <b>2016</b> , 99, 672-682	5.8	60
398	Unbalanced discharging and aging due to temperature differences among the cells in a lithium-ion battery pack with parallel combination. <i>Journal of Power Sources</i> , <b>2016</b> , 306, 733-741	8.9	136
397	Modeling based on design of thermal management systems for vertical elevation applications powered by lithium-ion batteries. <i>Applied Thermal Engineering</i> , <b>2016</b> , 102, 1081-1094	5.8	13
396	Thermal management for high power lithium-ion battery by minichannel aluminum tubes. <i>Applied Thermal Engineering</i> , <b>2016</b> , 101, 284-292	5.8	150
395	Safety focused modeling of lithium-ion batteries: A review. <i>Journal of Power Sources</i> , <b>2016</b> , 306, 178-1928.9		428
394	Investigation of the thermal performance of phase change material/mini-channel coupled battery thermal management system. <b>2016</b> , 164, 659-669		210
393	Nonintrusive and Multidimensional Optical Diagnostics and Their Applications in the Study of Thermal-Fluid Systems. <b>2016</b> , 37, 359-368		10
392	Thermal Management in Hybrid Power Systems Using Cylindrical and Prismatic Battery Cells. <b>2016</b> , 37, 581-590		28
391	On using splitter plates and flow guide-vanes for battery module cooling. <b>2017</b> , 53, 1-10		13
390	Load Management of Modular Battery Using Model Predictive Control: Thermal and State-of-Charge Balancing. <b>2017</b> , 25, 47-62		45
389	Theoretical and experimental study on the lifting performance of bubble pump with variable cross-section lift tube. <i>Applied Thermal Engineering</i> , <b>2017</b> , 111, 1265-1271	5.8	6
388	Investigation on the promotion of temperature uniformity for the designed battery pack with liquid flow in cooling process. <i>Applied Thermal Engineering</i> , <b>2017</b> , 116, 655-662	5.8	82
387	Analytical methods for determining the effects of lithium-ion cell size in aligned air-cooled battery packs. <i>Journal of Energy Storage</i> , <b>2017</b> , 10, 39-47	7.8	12
386	Thermal analysis and simulation of a Li-ion battery pack for a lightweight commercial EV. <b>2017</b> , 192, 159-177		57
385	Developing heat source term including heat generation at rest condition for Lithium-ion battery pack by up scaling information from cell scale. <b>2017</b> , 139, 194-205		14

384	Lithium Ion Batteries with Alumina Separator for Improved Safety. <b>2017</b> , 164, A1184-A1191		17
383	3-D CFD modeling and experimental testing of thermal behavior of a Li-Ion battery. <i>Applied Thermal Engineering</i> , <b>2017</b> , 120, 484-495	5.8	38
382	Review Article: Flow battery systems with solid electroactive materials. <b>2017</b> , 35, 040801		26
381	An Experimental Study of a Lithium Ion Cell Operation at Low Temperature Conditions. <b>2017</b> , 110, 128-135		47
380	Modeling based on design of a dual thermal management system for the battery pack of a full electric minibus. <i>Applied Thermal Engineering</i> , <b>2017</b> , 124, 1142-1158	5.8	2
379	Structure optimization of parallel air-cooled battery thermal management system. <b>2017</b> , 111, 943-952		87
378	A forced gas cooling circle packaging with liquid cooling plate for the thermal management of Li-ion batteries under space environment. <i>Applied Thermal Engineering</i> , <b>2017</b> , 123, 929-939	5.8	41
377	A review of thermal management and safety for lithium ion batteries. <b>2017</b> ,		4
376	Experimental study of a passive thermal management system for three types of battery using copper foam saturated with phase change materials. <b>2017</b> , 7, 27441-27448		19
375	Nanofluid-based cooling of cylindrical lithium-ion battery packs employing forced air flow. <b>2017</b> , 117, 44-58		50
374	A review on battery thermal management in electric vehicle application. <i>Journal of Power Sources</i> , <b>2017</b> , 367, 90-105	8.9	243
373	A review on lithium-ion power battery thermal management technologies and thermal safety. <b>2017</b> , 26, 391-412		114
372	Thermal management for energy storage system for smart grid. <i>Journal of Energy Storage</i> , <b>2017</b> , 13, 313-324	7.8	15
371	Structural optimization of lithium-ion battery pack with forced air cooling system. <i>Applied Thermal Engineering</i> , <b>2017</b> , 126, 583-593	5.8	98
370	Thermal management of a large prismatic battery pack based on reciprocating flow and active control. <b>2017</b> , 115, 296-303		23
369	Novel thermal management system using boiling cooling for high-powered lithium-ion battery packs for hybrid electric vehicles. <i>Journal of Power Sources</i> , <b>2017</b> , 363, 291-303	8.9	96
368	Use of predictive information for Battery pack Thermal Management. <b>2017</b> ,		2
367	Electrochemical modeling and performance evaluation of a new ammonia-based battery thermal management system for electric and hybrid electric vehicles. <b>2017</b> , 247, 171-182		41



366	Optimization of the air-cooled supercapacitor module compartment for an electric bus. <i>Applied Thermal Engineering</i> , <b>2017</b> , 112, 1297-1304	5.8	13
365	. <b>2017</b> , 66, 2927-2941		13
364	Experimental study on the thermal management performance of phase change material coupled with heat pipe for cylindrical power battery pack. <b>2017</b> , 82, 182-188		136
363	Finite Element Thermal Model and Simulation for a Cylindrical Li-Ion Battery. <b>2017</b> , 5, 15372-15379		55
362	Simulation of lithium-ion batteries from a electric vehicle perspective. <b>2017</b> ,		2
361	Analysis of a lithium-ion battery cooling system for electric vehicles using a phase-change material and heat pipes. <b>2017</b> , 12, JTST0011-JTST0011		22
360	Design of Parallel Air-Cooled Battery Thermal Management System through Numerical Study. <i>Energies</i> , <b>2017</b> , 10, 1677	3.1	31
359	Analysis of Cooling Effectiveness and Temperature Uniformity in a Battery Pack for Cylindrical Batteries. <i>Energies</i> , <b>2017</b> , 10, 1157	3.1	37
358	Parametric study of forced air cooling strategy for lithium-ion battery pack with staggered arrangement. <i>Applied Thermal Engineering</i> , <b>2018</b> , 136, 28-40	5.8	75
357	Study on thermal management of rectangular Li-ion battery with serpentine-channel cold plate. <b>2018</b> , 125, 143-152		79
356	Passive/Active BTMS For EV Lithium-Ion Batteries. <b>2018</b> , 67, 3709-3719		11
355	Development and analysis of a technique to improve air-cooling and temperature uniformity in a battery pack for cylindrical batteries. <b>2018</b> , 5, 351-363		44
354	Efficient Large-Scale Thermoelastic Topology Optimization of CAD Geometry with Automated Adaptive Mesh Generation. <b>2018</b> ,		3
353	Experimental and numerical studies on air cooling and temperature uniformity in a battery pack. <i>International Journal of Energy Research</i> , <b>2018</b> , 42, 2246-2262	4.5	41
352	Structure optimization of parallel air-cooled battery thermal management system with U-type flow for cooling efficiency improvement. <b>2018</b> , 145, 603-613		112
351	Optimization of thermal management system for Li-ion batteries using phase change material. <i>Applied Thermal Engineering</i> , <b>2018</b> , 131, 766-778	5.8	65
350	Thermal behavior study of discharging/charging cylindrical lithium-ion battery module cooled by channeled liquid flow. <b>2018</b> , 120, 751-762		130
349	Properties enhancement of phase-change materials via silica and Al honeycomb panels for the thermal management of LiFeO <sub>4</sub> batteries. <i>Applied Thermal Engineering</i> , <b>2018</b> , 131, 660-668	5.8	45

348	Orthogonal experimental design of liquid-cooling structure on the cooling effect of a liquid-cooled battery thermal management system. <i>Applied Thermal Engineering</i> , <b>2018</b> , 132, 508-520	5.8	157
347	An Overview on Thermal Safety Issues of Lithium-ion Batteries for Electric Vehicle Application. <b>2018</b> , 6, 23848-23863		84
346	Novel thermal management system using mist cooling for lithium-ion battery packs. <b>2018</b> , 223, 146-158		112
345	Experimental investigation of a novel hybrid cooling method for lithium-ion batteries. <i>Applied Thermal Engineering</i> , <b>2018</b> , 136, 375-387	5.8	36
344	Investigation on the thermal performance of a battery thermal management system using heat pipe under different ambient temperatures. <b>2018</b> , 155, 1-9		136
343	Design of flow configuration for parallel air-cooled battery thermal management system with secondary vent. <b>2018</b> , 116, 1204-1212		85
342	Conjugate Heat Transfer Analysis of Thermal Management of a Li-Ion Battery Pack. <b>2018</b> , 15,		22
341	A novel phase change based cooling system for prismatic lithium ion batteries. <b>2018</b> , 86, 203-217		31
340	Thermal performance enhancement of composite phase change materials (PCM) using graphene and carbon nanotubes as additives for the potential application in lithium-ion power battery. <b>2018</b> , 120, 33-41		185
339	Experimental Studies on Battery Low-Temperature Behaviors and Two Heating Approaches. <b>2018</b> ,		1
338	Effectiveness of a Helix Tube to Water Cool a Battery Module. <b>2018</b> ,		
337	A Hybrid Thermal Management System With Negative Parasitic Losses for Electric Vehicle Battery Packs. <b>2018</b> ,		2
336	Active Thermal Control of a Battery Pack Under Elevated Temperatures. <b>2018</b> , 51, 262-267		7
335	Heat dissipation performance of electric vehicle cabin under natural wind cooling. <b>2018</b> , 10, 168781401880381		
334	Thermal characteristics of battery module with trapezoidal structure. <b>2018</b> , 74, 1701-1714		4
333	Selection of thermal management system for modular battery packs of electric vehicles: A review of existing and emerging technologies. <i>Journal of Power Sources</i> , <b>2018</b> , 400, 621-640	8.9	102
332	Numerical study on the thermal management system of a liquid metal battery module. <i>Journal of Power Sources</i> , <b>2018</b> , 392, 181-192	8.9	12
331	A review of novel thermal management systems for batteries. <i>International Journal of Energy Research</i> , <b>2018</b> , 42, 3182-3205	4.5	81

330	Multimaterial Thermoelastic Stress-constrained Topology Optimization of Structures with Adaptive Mesh Refinement. <b>2018</b> ,		0
329	Effects of different coolants and cooling strategies on the cooling performance of the power lithium ion battery system: A review. <i>Applied Thermal Engineering</i> , <b>2018</b> , 142, 10-29	5.8	154
328	Design of the cell spacings of battery pack in parallel air-cooled battery thermal management system. <b>2018</b> , 127, 393-401		60
327	Reverse layered air flow for Li-ion battery thermal management. <i>Applied Thermal Engineering</i> , <b>2018</b> , 143, 257-262	5.8	66
326	Experimental Investigation on Cooling/Heating Characteristics of Ultra-Thin Micro Heat Pipe for Electric Vehicle Battery Thermal Management. <b>2018</b> , 31,		13
325	Experimental and Numerical Investigation of Thermal Energy Management with Reciprocating Cooling and Heating Systems for Li-Ion Battery Pack. <b>2018</b> , 144, 04018039		4
324	Numerical investigation on cooling performance of Li-ion battery thermal management system at high galvanostatic discharge. <b>2018</b> , 21, 957-969		19
323	Effects of the different air cooling strategies on cooling performance of a lithium-ion battery module with baffle. <i>Applied Thermal Engineering</i> , <b>2018</b> , 144, 231-241	5.8	84
322	Effect of spacing on thermal performance characteristics of Li-ion battery cells. <b>2019</b> , 135, 1797-1811		40
321	Dynamic thermal behavior of micro heat pipe array-air cooling battery thermal management system based on thermal network model. <i>Applied Thermal Engineering</i> , <b>2019</b> , 162, 114183	5.8	50
320	Battery thermal management system employing phase change material with cell-to-cell air cooling. <i>Applied Thermal Engineering</i> , <b>2019</b> , 161, 114199	5.8	81
319	Thermal performance of lithium ion battery pack by using cold plate. <i>Applied Thermal Engineering</i> , <b>2019</b> , 160, 114088	5.8	31
318	Design optimization of bifurcating mini-channels cooling plate for rectangular Li-ion battery. <b>2019</b> , 139, 963-973		22
317	Three dimensional numerical validation and investigation on air cooling system of Li-ion battery used in hybrid electric vehicles. <b>2019</b> , 312, 012025		1
316	Experimental study of thermal charge/discharge behaviors of pouch lithium-ion capacitors. <i>Journal of Energy Storage</i> , <b>2019</b> , 25, 100902	7.8	12
315	The performance management of a Li-ion battery by using tree-like mini-channel heat sinks: Experimental and numerical optimization. <b>2019</b> , 189, 116150		36
314	Thermal and electrochemical performance of a serially connected battery module using a heat pipe-based thermal management system under different coolant temperatures. <b>2019</b> , 189, 116233		45
313	A compact and lightweight liquid-cooled thermal management solution for cylindrical lithium-ion power battery pack. <b>2019</b> , 144, 118581		82

312	Lateral Posterior Choroidal Collateral Anastomosis Predicts Recurrent Ipsilateral Hemorrhage in Adult Patients with Moyamoya Disease. <b>2019</b> , 40, 1665-1671		6
311	Nanoparticulated Honokiol Mitigates Cisplatin-Induced Chronic Kidney Injury by Maintaining Mitochondria Antioxidant Capacity and Reducing Caspase 3-Associated Cellular Apoptosis. <b>2019</b> , 8,		10
310	Impact of In Situ Annealing on the Deep Levels in Ni-Au/AlN/Si Metal/Insulator/Semiconductor Capacitors. <b>2019</b> , 216, 1900248		3
309	Cooling performance of nanofluid submerged vs. nanofluid circulated battery thermal management systems. <b>2019</b> , 240, 118131		54
308	Heat Pipe Thermal Management Based on High-Rate Discharge and Pulse Cycle Tests for Lithium-Ion Batteries. <i>Energies</i> , <b>2019</b> , 12, 3143	3.1	8
307	Adsorption and Thermal Decomposition of Electrolytes on Nanometer Magnesium Oxide: An in Situ C MAS NMR Study. <b>2019</b> , 11, 38689-38696		12
306	Experimental Investigation of a Lithium Battery Cooling System. <b>2019</b> , 11, 5020		4
305	Experimental study on transient thermal characteristics of stagger-arranged lithium-ion battery pack with air cooling strategy. <b>2019</b> , 143, 118576		31
304	Development and experimental analysis of a hybrid cooling concept for electric vehicle battery packs. <i>Journal of Energy Storage</i> , <b>2019</b> , 25, 100906	7.8	15
303	Numerical investigation on integrated thermal management for a lithium-ion battery module with a composite phase change material and liquid cooling. <i>Applied Thermal Engineering</i> , <b>2019</b> , 163, 114345	5.8	43
302	Experimental Investigation on the Feasibility of Heat Pipe-Based Thermal Management System to Prevent Thermal Runaway Propagation. <b>2019</b> , 16,		12
301	A comprehensive experimental study on temperature-dependent performance of lithium-ion battery. <i>Applied Thermal Engineering</i> , <b>2019</b> , 158, 113800	5.8	33
300	Design a J-type air-based battery thermal management system through surrogate-based optimization. <b>2019</b> , 252, 113426		76
299	Experimental investigation of thermal performance of large-sized battery module using hybrid PCM and bottom liquid cooling configuration. <i>Applied Thermal Engineering</i> , <b>2019</b> , 159, 113968	5.8	42
298	On heat transport and energy partition in thermal convection with mixed boundary conditions. <b>2019</b> , 31, 066601		7
297	Experimental investigation on the effect of ambient pressure on thermal runaway and fire behaviors of lithium-ion batteries. <i>International Journal of Energy Research</i> , <b>2019</b> , 43, 4898-4911	4.5	14
296	Experimental and numerical study of supercapacitors module with air-cooling. <i>Applied Thermal Engineering</i> , <b>2019</b> , 159, 113903	5.8	7
295	A review of lithium ion battery failure mechanisms and fire prevention strategies. <b>2019</b> , 73, 95-131		352

294	Effects of abusive temperature environment and cycle rate on the homogeneity of lithium-ion battery. <b>2019</b> , 676, 241-248		7
293	Optimization on uniformity of lithium-ion cylindrical battery module by different arrangement strategy. <i>Applied Thermal Engineering</i> , <b>2019</b> , 157, 113683	5.8	16
292	Thermal modeling of full-size-scale cylindrical battery pack cooled by channeled liquid flow. <b>2019</b> , 138, 1178-1187		43
291	A novel approach for Lithium-ion battery thermal management with streamline shape mini channel cooling plates. <i>Applied Thermal Engineering</i> , <b>2019</b> , 157, 113623	5.8	60
290	Three dimensional thermal model development and validation for lithium-ion capacitor module including air-cooling system. <i>Applied Thermal Engineering</i> , <b>2019</b> , 153, 264-274	5.8	24
289	Model-Based Stochastic Fault Detection and Diagnosis of Lithium-Ion Batteries. <b>2019</b> , 7, 38		9
288	Multi-objective design optimization for mini-channel cooling battery thermal management system in an electric vehicle. <i>International Journal of Energy Research</i> , <b>2019</b> , 43, 3668-3680	4.5	56
287	Thermal performance investigation of an air-cooled lithium-ion battery pack considering the inconsistency of battery cells. <i>Applied Thermal Engineering</i> , <b>2019</b> , 153, 596-603	5.8	46
286	Experimental investigation of the thermal performance of silicon cold plate for battery thermal management system. <i>Applied Thermal Engineering</i> , <b>2019</b> , 155, 331-340	5.8	31
285	Thermal signature of ion intercalation and surface redox reactions mechanisms in model pseudocapacitive electrodes. <b>2019</b> , 307, 512-524		6
284	Experimental study on the thermal management performance of air cooling for high energy density cylindrical lithium-ion batteries. <i>Applied Thermal Engineering</i> , <b>2019</b> , 155, 96-109	5.8	108
283	Improved thermal performance of a large laminated lithium-ion power battery by reciprocating air flow. <i>Applied Thermal Engineering</i> , <b>2019</b> , 152, 445-454	5.8	36
282	A novel flexible room temperature positive temperature coefficient material for thermal management. <b>2019</b> , 2, 83-92		14
281	Temperature Distribution Optimization of an Air-Cooling Lithium-Ion Battery Pack in Electric Vehicles Based on the Response Surface Method. <b>2019</b> , 16,		13
280	Battery Discharging Temperature Prediction Using Holt's Double Exponential Smoothing. <b>2019</b> ,		0
279	Model based insulation fault diagnosis for lithium-ion battery pack in electric vehicles. <b>2019</b> , 131, 443-451		37
278	Thermal performance of cylindrical Lithium-ion battery thermal management system based on air distribution pipe. <b>2019</b> , 131, 984-998		69
277	Multiphase modeling approach for ionic liquids (ILs) based nanofluids: Improving the performance of heat transfer fluids (HTFs). <i>Applied Thermal Engineering</i> , <b>2019</b> , 149, 165-172	5.8	14

276	A critical review of battery thermal performance and liquid based battery thermal management. <b>2019</b> , 182, 262-281		294
275	Application of Jets and Vortex Generators to Improve Air-Cooling and Temperature Uniformity in a Simple Battery Pack. <b>2019</b> , 11,		5
274	Structural optimization of lithium-ion battery for improving thermal performance based on a liquid cooling system. <b>2019</b> , 130, 33-41		94
273	Numerical study of heat transfer enhancement using vortex generator for thermal management of lithium ion battery. <b>2019</b> , 129, 1184-1193		19
272	Thermal Management of a Cylindrical Lithium-Ion Battery Module Using a Multichannel Wavy Tube. <b>2019</b> , 145, 04018072		14
271	Reciprocating liquid-assisted system for electronic cooling applications. <b>2019</b> , 48, 286-299		1
270	Review on battery thermal management system for electric vehicles. <i>Applied Thermal Engineering</i> , <b>2019</b> , 149, 192-212	5.8	321
269	Thermal performance of a novel confined flow Li-ion battery module. <i>Applied Thermal Engineering</i> , <b>2019</b> , 146, 1-11	5.8	37
268	3-D Temperature Field Reconstruction for a Lithium-Ion Battery Pack: A Distributed Kalman Filtering Approach. <b>2019</b> , 27, 847-854		11
267	Exploiting Error-Correction-CRC for Polar SCL Decoding: A Deep Learning-Based Approach. <b>2020</b> , 6, 817-828		6
266	Development of thermal equivalent circuit model of heat pipe-based thermal management system for a battery module with cylindrical cells. <i>Applied Thermal Engineering</i> , <b>2020</b> , 164, 114523	5.8	62
265	A comprehensive thermal analysis for the fast discharging process of a Li-ion battery module with liquid cooling. <i>International Journal of Energy Research</i> , <b>2020</b> , 44, 12245-12258	4.5	8
264	A novel heat pipe assisted separation type battery thermal management system based on phase change material. <i>Applied Thermal Engineering</i> , <b>2020</b> , 165, 114571	5.8	48
263	Development of a Two-Dimensional Thermal Model for Li-Ion Battery Pack With Experimental Validation. <b>2020</b> , 12,		1
262	Cross flow and heat transfer of hollow-fiber tube banks with complex distribution patterns and various baffle designs. <b>2020</b> , 147, 118937		4
261	A Review of Battery Fires in Electric Vehicles. <b>2020</b> , 56, 1361-1410		126
260	Core temperature estimation of lithium-ion battery for EVs using Kalman filter. <i>Applied Thermal Engineering</i> , <b>2020</b> , 168, 114816	5.8	9
259	Novel Z-Shaped Structure of Lithium-Ion Battery Packs and Optimization for Thermal Management. <b>2020</b> , 146, 04019035		8

258	Computationally efficient thermal network model and its application in optimization of battery thermal management system with phase change materials and long-term performance assessment. <b>2020</b> , 259, 114120		34
257	Research progress on power battery cooling technology for electric vehicles. <i>Journal of Energy Storage</i> , <b>2020</b> , 27, 101155	7.8	74
256	An improved electrothermal-coupled model for the temperature estimation of an air-cooled battery pack. <i>International Journal of Energy Research</i> , <b>2020</b> , 44, 2037-2060	4.5	9
255	Analysis of the structure arrangement on the thermal characteristics of Li-ion battery pack in thermoelectric generator. <b>2020</b> , 8, 3717-3727		4
254	A review on effect of heat generation and various thermal management systems for lithium ion battery used for electric vehicle. <i>Journal of Energy Storage</i> , <b>2020</b> , 32, 101729	7.8	44
253	Evaluating emissions and sensitivity of economic gains for series plug-in hybrid electric vehicle powertrains for transit bus applications. <b>2020</b> , 234, 3272-3287		2
252	A Fast Charging-Cooling Coupled Scheduling Method for a Liquid Cooling-Based Thermal Management System for Lithium-Ion Batteries. <b>2020</b> , 7, 1165-1165		20
251	An improved resistance-based thermal model for prismatic lithium-ion battery charging. <i>Applied Thermal Engineering</i> , <b>2020</b> , 180, 115794	5.8	8
250	Lithium-ion battery thermal management system with Al <sub>2</sub> O <sub>3</sub> /AgO/CuO nanofluids and phase change material. <i>Applied Thermal Engineering</i> , <b>2020</b> , 180, 115840	5.8	42
249	Study on the Performance of Parallel Air-Cooled Structure and Optimized Design for Lithium-Ion Battery Module. <b>2020</b> , 56, 2623-2647		7
248	A method of cell-to-cell variation evaluation for battery packs in electric vehicles with charging cloud data. <b>2020</b> , 6, 100077		11
247	Critical review on battery thermal management and role of nanomaterial in heat transfer enhancement for electrical vehicle application. <i>Journal of Energy Storage</i> , <b>2020</b> , 32, 102003	7.8	32
246	A novel classification method of commercial lithium-ion battery cells based on fast and economic detection of self-discharge rate. <i>Journal of Power Sources</i> , <b>2020</b> , 478, 229039	8.9	6
245	A review of safety strategies of a Li-ion battery. <i>Journal of Power Sources</i> , <b>2020</b> , 478, 228649	8.9	84
244	Optimization Methodology for Lithium-Ion Battery Temperature Sensor Placement Based on Thermal Management and Thermal Runaway Requirement. <b>2020</b> ,		1
243	Hybrid Battery Thermal Management System in Electrical Vehicles: A Review. <i>Energies</i> , <b>2020</b> , 13, 6257	3.1	14
242	Simulation and Optimization of FEV Limit Discharge's Heat Dissipation Based on Orthogonal Experiments. <b>2020</b> , 13,		1
241	A Review of Lithium-Ion Battery Fire Suppression. <i>Energies</i> , <b>2020</b> , 13, 5117	3.1	19

240	Research on Control Strategy for a Battery Thermal Management System for Electric Vehicles Based on Secondary Loop Cooling. <b>2020</b> , 8, 73475-73493		10
239	Multi-objective optimization of a liquid cooled battery module with collaborative heat dissipation in both axial and radial directions. <b>2020</b> , 155, 119701		14
238	Numerical study on thermal behavior and a liquid cooling strategy for lithium-ion battery. <i>International Journal of Energy Research</i> , <b>2020</b> , 44, 7645-7659	4.5	6
237	Microsimulation of electric vehicle energy consumption and driving range. <b>2020</b> , 267, 115081		35
236	Temperature field and temperature difference of a battery package for a hybrid car. <b>2020</b> , 20, 100646		4
235	A Thermal Investigation and Optimization of an Air-Cooled Lithium-Ion Battery Pack. <i>Energies</i> , <b>2020</b> , 13, 2956	3.1	16
234	Cooling capacity of a novel modular liquid-cooled battery thermal management system for cylindrical lithium ion batteries. <i>Applied Thermal Engineering</i> , <b>2020</b> , 178, 115591	5.8	56
233	Configuration, design, and optimization of air-cooled battery thermal management system for electric vehicles: A review. <b>2020</b> , 125, 109815		74
232	Prediction of the Operational Envelope of Electric Aircraft Through Robust Battery Cycle-Life Modeling. <b>2020</b> ,		
231	Increasing driving range for electric vehicles at sub-zero temperatures by optimizing a hybrid storage configuration using supercapacitors. <i>Journal of Physics: Conference Series</i> , <b>2020</b> , 1448, 012014	0.3	
230	Comprehensive study on smart cooling techniques used for batteries. <b>2020</b> , 170, 01028		1
229	Numerical Analysis of Cooling Plates with Different Structures for Electric Vehicle Battery Thermal Management Systems. <b>2020</b> , 146, 04020037		9
228	Recent advances of thermal safety of lithium ion battery for energy storage. <b>2020</b> , 31, 195-220		92
227	Simplification strategy research on hard-cased Li-ion battery for thermal modeling. <i>International Journal of Energy Research</i> , <b>2020</b> , 44, 3640-3656	4.5	6
226	Compactness analysis of PCM-based cooling systems for lithium battery-operated vehicles. <b>2020</b> , 11, 247-264		5
225	Thermal management for prevention of failures of lithium ion battery packs in electric vehicles: A review and critical future aspects. <b>2020</b> , 2, e137		9
224	An investigation of heat transfer and capacity fade in a prismatic Li-ion battery based on an electrochemical-thermal coupling model. <i>Applied Thermal Engineering</i> , <b>2020</b> , 171, 115080	5.8	24
223	A thermal-structure coupled optimization study of lithium-ion battery modules with mist cooling. <i>International Journal of Energy Research</i> , <b>2020</b> , 44, 12295-12311	4.5	7



222	Multi-parameter structure design of parallel mini-channel cold plate for battery thermal management. <i>International Journal of Energy Research</i> , <b>2020</b> , 44, 4321-4334	4.5	24
221	Hybrid thermal management of lithium-ion batteries using nanofluid, metal foam, and phase change material: an integrated numerical-experimental approach. <b>2020</b> , 141, 1703-1715		34
220	Cooling optimization strategy for lithium-ion batteries based on triple-step nonlinear method. <b>2020</b> , 201, 117678		18
219	Investigation on the effects of temperature equilibrium strategy in battery thermal management using phase change material. <i>International Journal of Energy Research</i> , <b>2020</b> , 44, 7660-7673	4.5	11
218	Effects of reciprocating liquid flow battery thermal management system on thermal characteristics and uniformity of large lithium-ion battery pack. <i>International Journal of Energy Research</i> , <b>2020</b> , 44, 6383-6395	4.5	10
217	Intelligent design optimization of battery pack enclosure for electric vehicle by considering cold-spraying as an additive manufacturing technology. <b>2020</b> , 2, e148		3
216	Thermal analysis of a 6s4p Lithium-ion battery pack cooled by cold plates based on a multi-domain modeling framework. <i>Applied Thermal Engineering</i> , <b>2020</b> , 173, 115216	5.8	34
215	A new concept of thermal management system in Li-ion battery using air cooling and heat pipe for electric vehicles. <i>Applied Thermal Engineering</i> , <b>2020</b> , 174, 115280	5.8	77
214	A review on thermal issues in Li-ion battery and recent advancements in battery thermal management system. <b>2020</b> , 33, 116-128		29
213	Sensitivity Analysis of the Battery Thermal Management System with a Reciprocating Cooling Strategy Combined with a Flat Heat Pipe. <b>2020</b> , 5, 8258-8267		6
212	Studies on thermal management of Lithium-ion battery pack using water as the cooling fluid. <i>Journal of Energy Storage</i> , <b>2020</b> , 29, 101377	7.8	27
211	Experimental study of a direct evaporative cooling approach for Li-ion battery thermal management. <i>International Journal of Energy Research</i> , <b>2020</b> , 44, 6660-6673	4.5	12
210	Investigation on the cooling and temperature uniformity of power battery pack based on gradient phase change materials embedded thin heat sinks. <i>Applied Thermal Engineering</i> , <b>2020</b> , 174, 115304	5.8	22
209	Thermal management of modern electric vehicle battery systems (MEVBS). <b>2021</b> , 144, 1271-1285		14
208	Compensation of Spatially Varying Input Delay in Distributed Control of Reaction-Diffusion PDEs. <b>2021</b> , 66, 4069-4083		3
207	Studies on thermal management of lithium-ion battery using non-metallic heat exchanger. <i>Applied Thermal Engineering</i> , <b>2021</b> , 182, 116095	5.8	2
206	A comparative study of cooling schemes for laminated lithium-ion batteries. <i>Applied Thermal Engineering</i> , <b>2021</b> , 182, 116040	5.8	8
205	Optimization design of a parallel air-cooled battery thermal management system with spoilers. <i>Applied Thermal Engineering</i> , <b>2021</b> , 182, 116062	5.8	30

204	Design of cell spacing in lithium-ion battery module for improvement in cooling performance of the battery thermal management system. <i>Journal of Power Sources</i> , <b>2021</b> , 481, 229016	8.9	23
203	A full-scale electrical-thermal-fluidic coupling model for li-ion battery energy storage systems. <i>Applied Thermal Engineering</i> , <b>2021</b> , 185, 116360	5.8	4
202	Computationally-efficient thermal simulations of large Li-ion battery packs using submodeling technique. <b>2021</b> , 165, 120616		5
201	A novel battery thermal management system using nano-enhanced phase change materials. <b>2021</b> , 219, 119564		103
200	Battery thermal management system based on the forced-air convection: A review. <b>2021</b> , 7, 100097		20
199	Optimization and analysis of maximum temperature in a battery pack affected by low to high Prandtl number coolants using response surface methodology and particle swarm optimization algorithm. <b>2021</b> , 79, 406-435		19
198	Heat pipe air-cooled thermal management system for lithium-ion batteries: High power applications. <i>Applied Thermal Engineering</i> , <b>2021</b> , 183, 116240	5.8	27
197	Thermal Characteristics of Stagger-Arranged Battery Pack with Holding Plates Cooled by Longitudinal Airflow. <b>2021</b> , 147, 04020073		1
196	Multiobjective optimization of air-cooled battery thermal management system based on heat dissipation model. <b>2021</b> , 27, 1307-1322		4
195	Investigation on Battery Thermal Management Based on Phase Change Energy Storage Technology. <b>2021</b> , 553-562		
194	Review of the Approaches and Modeling Methodology for Lithium-Ion Battery Thermal Management Systems in Electric Vehicles. <b>2021</b> , 75-109		2
193	Thermal performance of Lithium-Ion battery pack using forced air circulation system. <b>2021</b> , 46, 3670-3676		1
192	Three-dimensional CFD study on heat dissipation in cylindrical lithium-ion battery module. <b>2021</b> , 46, 10964-10968		
191	Analysis of Air-Cooling Battery Thermal Management System for Formula Student Car. <b>2021</b> , 11, 436-454		
190	Thermal Simulation of Li-Ion Battery Pack Using ANSYS Fluent. <b>2021</b> , 265-274		0
189	Materials selection for hybrid and electric vehicle battery pack thermal management: A review. <b>2021</b> , 1126, 012072		
188	Study on battery thermal management of autonomous underwater vehicle by bionic wave channels with liquid cooling. <i>International Journal of Energy Research</i> , <b>2021</b> , 45, 13269-13283	4.5	2
187	Developments in battery thermal management systems for electric vehicles: A technical review. <i>Journal of Energy Storage</i> , <b>2021</b> , 35, 102255	7.8	40

186	Development of hybrid thermal management techniques for battery packs. <i>Applied Thermal Engineering</i> , <b>2021</b> , 186, 116542	5.8	6
185	Validation of a Lumped Electro-Thermal Model of a 14S1P Battery Module with 3D CFD Results.		0
184	Heat transfer enhancement in cold plate based on FVM method and field synergy theory. <b>2021</b> , 35, 2035-2047		
183	An intelligent thermal management system for optimized lithium-ion battery pack. <i>Applied Thermal Engineering</i> , <b>2021</b> , 189, 116767	5.8	15
182	Influence of temperature and volume fraction on the thermophysical properties of CuO-R134a nano refrigerant and its application in battery thermal management system. <b>2021</b> , 235, 660-669		1
181	Effects of air cooling structure on cooling performance enhancement of prismatic lithium-ion battery packs based on coupled electrochemical-thermal model. <b>2021</b> , 9, 1450-1464		1
180	Numerical Study on Performance Enhancement of the Air-Cooled Battery Thermal Management System by Adding Parallel Plates. <i>Energies</i> , <b>2021</b> , 14, 3096	3.1	3
179	Recent Advancements in Battery Management System for Li-Ion Batteries of Electric Vehicles: Future Role of Digital Twin, Cyber-Physical Systems, Battery Swapping Technology, and Nondestructive Testing. <b>2021</b> , 9, 2000984		11
178	Performance simulation of a heat pipe and refrigerant-based lithium-ion battery thermal management system coupled with electric vehicle air-conditioning. <i>Applied Thermal Engineering</i> , <b>2021</b> , 191, 116878	5.8	14
177	Proximity effects of straight and wavy fins and their interruptions on performance of heat sinks utilized in battery thermal management. <b>2021</b> , 173, 121259		6
176	A numerical study on thermal management of a lithium-ion battery module via forced-convective air cooling. <b>2021</b> , 131, 218-218		7
175	Experiment and Simulation for Air-Cooling the Tabs of a Pouch Battery Module with Distributed Resistance Model. <b>2021</b> , 168, 070548		0
174	Intelligent Battery Management System. <b>2021</b> ,		
173	The electric vehicle energy management: An overview of the energy system and related modeling and simulation. <b>2021</b> , 144, 111049		15
172	A review of thermal management for Li-ion batteries: Prospects, challenges, and issues. <i>Journal of Energy Storage</i> , <b>2021</b> , 39, 102518	7.8	23
171	Numerical investigation of cooling performance of a novel air-cooled thermal management system for cylindrical Li-ion battery module. <i>Applied Thermal Engineering</i> , <b>2021</b> , 193, 116961	5.8	12
170	Lithium-Ion Battery Modeling for Aerospace Applications. 1-13		0
169	Modeling Approach of an Air-Based Battery Thermal Management System for an Electric Vehicle. <b>2021</b> , 11, 7089		5

168	Thermal modelling and characteristic evaluation of electric vehicle battery system. <b>2021</b> , 26, 101058		5
167	Cooling performance optimization of air-cooled battery thermal management system. <i>Applied Thermal Engineering</i> , <b>2021</b> , 195, 117242	5.8	18
166	The experimental and numerical investigation on a hybrid battery thermal management system based on forced-air convection and internal finned structure. <i>Applied Thermal Engineering</i> , <b>2021</b> , 195, 117212	5.8	3
165	Thermal Analysis and Parametric Investigation of PCM-Air Cooled Lithium Ion Battery Pack. <b>2021</b> ,		1
164	Optimization of cooling strategies for an electric vehicle in high-temperature environment. <i>Applied Thermal Engineering</i> , <b>2021</b> , 195, 117088	5.8	8
163	Thermal Analysis of LMO/Graphite Batteries Using Equivalent Circuit Models. <b>2021</b> , 7, 58		0
162	Improving battery thermal behavior and consistency by optimizing structure and working parameter. <i>Applied Thermal Engineering</i> , <b>2021</b> , 196, 117281	5.8	6
161	A novel entropy-based fault diagnosis and inconsistency evaluation approach for lithium-ion battery energy storage systems. <i>Journal of Energy Storage</i> , <b>2021</b> , 41, 102852	7.8	2
160	Optimum cooling surface for prismatic lithium battery with metal shell based on anisotropic thermal conductivity and dimensions. <i>Journal of Power Sources</i> , <b>2021</b> , 506, 230182	8.9	2
159	Analysis of the unsteady thermal response of a Li-ion battery pack to dynamic loads. <b>2021</b> , 231, 120947		66
158	Effect of non-conjugate and conjugate condition on heat transfer from battery pack. <b>2021</b> , 61, 3131-3131		
157	Optimization of Thermal Management in Modern Electric Vehicle Battery Cells Employing Genetic Algorithm. <b>2021</b> , 143,		4
156	Numerical analysis and surrogate model optimization of air-cooled battery modules using double-layer heat spreading plates. <b>2021</b> , 176, 121380		10
155	A review on air cooled and air centric hybrid thermal management techniques for Li-ion battery packs in electric vehicles. <i>Journal of Energy Storage</i> , <b>2021</b> , 41, 102885	7.8	17
154	Multi-objective design optimization of battery thermal management system for electric vehicles. <i>Applied Thermal Engineering</i> , <b>2021</b> , 196, 117235	5.8	3
153	A Comprehensive Review of Lithium-Ion Cell Temperature Estimation Techniques Applicable to Health-Conscious Fast Charging and Smart Battery Management Systems. <i>Energies</i> , <b>2021</b> , 14, 5960	3.1	5
152	Mitigation strategies for Li-ion battery thermal runaway: A review. <b>2021</b> , 150, 111437		20
151	Incremental thermo-electric CFD modeling of a high-energy Lithium-Titanate Oxide battery cell in different temperatures: A comparative study. <i>Applied Thermal Engineering</i> , <b>2021</b> , 197, 117260	5.8	1

150	Advances in thermal management systems for next-generation power batteries. <b>2021</b> , 181, 121853		17
149	A review on thermal management of lithium-ion batteries for electric vehicles. <b>2022</b> , 238, 121652		46
148	Critical review towards thermal management systems of lithium-ion batteries in electric vehicle with its electronic control unit and assessment tools. <b>2021</b> , 235, 1783-1807		4
147	Thermal cooling characteristics of Li-ion battery pack with thermoelectric ferrofluid cooling module. <i>International Journal of Energy Research</i> , <b>2021</b> , 45, 8824-8836	4.5	3
146	Experimental Study of a Thermal Cooling Technique for Cylindrical Batteries. <b>2020</b> , 17,		3
145	Structure Optimization of Battery Module With a Parallel Multi-Channel Liquid Cooling Plate Based on Orthogonal Test. <b>2020</b> , 17,		4
144	Heat Transfer Efficiency Enhancement of Lithium-Ion Battery Packs by Using Novel Design of Herringbone Fins. <b>2020</b> , 17,		5
143	Optimization for Liquid Cooling Cylindrical Battery Thermal Management System Based on Gaussian Process Model. <b>2021</b> , 13,		9
142	Optimization of an air-based thermal management system for lithium-ion battery packs. <i>Journal of Energy Storage</i> , <b>2021</b> , 44, 103314	7.8	6
141	Integrated Battery Management System. <b>2015</b> , 173-193		4
140	Numerical Investigation of Cooling Performance of Liquid-cooled Battery in Electric Vehicles. <b>2016</b> , 40, 403-408		3
139	Experimental Investigation of Dual AC System Used for Battery Cooling Plate.		
138	Assessing the impact of current control on the thermal management performance of thermoelectric cooling systems. <i>International Journal of Energy Research</i> , <b>2021</b> , 45, 7256-7269	4.5	2
137	Immersion Cooling of a Lithium-Ion Battery Pack: Experimental Dataset and Numerical Simulation Under Uncertainties. <i>SSRN Electronic Journal</i> ,	1	1
136	Control of An Unstable Reaction-Diffusion PDE with Spatially-Varying Input Delay. <b>2020</b> , 53, 7599-7604		
135	Improving the Energy Management of Parallel Hybrid Electric Vehicle by Dynamic Programming Using Electro-Thermal Model of Battery. <b>2020</b> , 13, 1-14		
134	An Analytical Study on Thermal Management of Battery for Air Flow in ESS Cooling Rack. <b>2020</b> , 24, 37-44		
133	Fast identification method for thermal model parameters of Lithium-ion battery based on discharge temperature rise. <i>Journal of Energy Storage</i> , <b>2021</b> , 44, 103362	7.8	3

132	Optimization design for improving thermal performance of T-type air-cooled lithium-ion battery pack. <i>Journal of Energy Storage</i> , <b>2021</b> , 44, 103464	7.8	8
131	Thermal field investigation of lithium-ion battery with porous medium under vibration. <i>Journal of Energy Storage</i> , <b>2021</b> , 103632	7.8	0
130	Investigation of a water-NEPCM cooling thermal management system for cylindrical 18650 Li-ion batteries. <b>2021</b> , 244, 122570		4
129	Effect of inlet and outlet size, battery distance, and air inlet and outlet position on the cooling of a lithium-ion battery pack and utilizing outlet air of cooling system to heat an air handling unit. <i>Journal of Energy Storage</i> , <b>2022</b> , 46, 103826	7.8	13
128	Enhancement of thermal performance of latent thermal energy storage systems using periodically reciprocating flows. <i>Applied Thermal Engineering</i> , <b>2022</b> , 204, 117961	5.8	1
127	An Analytical 2D Formulation for the Combined Cooling of PCM-Covered Cylindrical Battery Cells. <b>2022</b> , 148,		
126	Core Temperature Estimation for a Cylindrical Cell Battery Module. <b>2020</b> ,		1
125	Comparative Study and Development of Optimized Energy Efficient Battery Thermal Management System for Electric Vehicles in India. <b>2021</b> ,		
124	Heating a residential building using the heat generated in the lithium ion battery pack by the electrochemical process. <i>Journal of Energy Storage</i> , <b>2022</b> , 45, 103553	7.8	9
123	A thermal-optimal design of lithium-ion battery for the container storage system.		0
122	Study on the Influence of Flat Heat Pipe Structural Parameters in Battery Thermal Management System. <b>2022</b> , 9,		0
121	A novel composite vapor chamber for battery thermal management system. <b>2022</b> , 254, 115293		1
120	Unlocking the thermal safety evolution of lithium-ion batteries under shallow over-discharge. <i>Journal of Power Sources</i> , <b>2022</b> , 521, 230990	8.9	3
119	Efficient thermal management of lithium-sulfur batteries by highly thermally conductive LBL-assembled composite separators. <b>2022</b> , 407, 139807		1
118	Utilization of a solar system to charge lithium-ion batteries and using the heat generated in an in-line lithium-ion battery to heat a guard room. <i>Journal of Energy Storage</i> , <b>2022</b> , 49, 104134	7.8	8
117	Numerical analysis of single-phase liquid immersion cooling for lithium-ion battery thermal management using different dielectric fluids. <b>2022</b> , 188, 122608		7
116	Developing a control program to reduce the energy consumption of nine cylindrical lithium-ion battery pack connected to a solar system by changing the distance between the batteries and the inlet and outlet of the air stream. <i>Journal of Energy Storage</i> , <b>2022</b> , 49, 103997	7.8	0
115	A novel PCM and TCE based thermal management of battery module. <b>2022</b> , 29, 101196		2

114	Comparison and Optimization of an Air Cooling Design for Lithium-Ion Battery Packs by Using an Electrochemical-Thermal Coupled Model. <i>SSRN Electronic Journal</i> ,	1	
113	Thermal Analysis of a Prismatic Lithium-Ion Battery Module with an Integrated Cooling Insert. <i>SSRN Electronic Journal</i> ,	1	
112	Optimal Design of Liquid Cooling Structure with Bionic Leaf Vein Branch Channel for Power Battery. <i>SSRN Electronic Journal</i> ,	1	
111	Numerical Simulation of a Finned-Surface Prismatic Lithium-Ion Battery Thermal Management System. <b>2022</b> , 811-820		
110	Design and Optimization of a Novel Microchannel Battery Thermal Management System Based on Digital Twin. <i>Energies</i> , <b>2022</b> , 15, 1421	3.1	3
109	Basics, properties, and thermal issues of EV battery and battery thermal management systems: Comprehensive review. 095440702210791		1
108	Simulation and Control of Battery Thermal Management System for Electric Vehicle.		0
107	Computational flow analysis of different streamline cooling plates for thermal management of lithium-ion battery. <b>2022</b> , 9,		
106	Experimental Investigation on Pouch Lithium-ion Battery Thermal Management with Mini-Channels Cooling Plate Based on Heat Generation Characteristic. 1		0
105	Effect of parallel connection topology on air-cooled lithium-ion battery module: Inconsistency analysis and comprehensive evaluation. <b>2022</b> , 313, 118758		2
104	Development of a hybrid cooling concept for cylindrical li-ion cells. <i>Journal of Energy Storage</i> , <b>2022</b> , 50, 104214	7.8	0
103	The effect of the zigzag arrangement of lithium-ion batteries inside the air duct of an office building for heating and evaluation of the impact of the number of air outlets in different seasons of the year. <i>Journal of Energy Storage</i> , <b>2022</b> , 50, 104204	7.8	2
102	Numerical and experimental investigation on electric vehicles battery thermal management under New European Driving Cycle. <b>2022</b> , 315, 119026		1
101	Study of pressure drop and heat transfer in cooling of lithium-ion battery with rhombic arrangement with two different outlets and different inlet dimensions. <i>Journal of Energy Storage</i> , <b>2022</b> , 50, 104255	7.8	1
100	Thermal management of lithium-ion batteries under high ambient temperature and rapid discharging using composite PCM and liquid cooling. <i>Applied Thermal Engineering</i> , <b>2022</b> , 210, 118230	5.8	1
99	Validation of a data-driven fast numerical model to simulate the immersion cooling of a lithium-ion battery pack. <b>2022</b> , 249, 123633		1
98	Performance comparison between straight channel cold plate and inclined channel cold plate for thermal management of a prismatic LiFePO <sub>4</sub> battery. <b>2022</b> , 248, 123637		2
97	Numerical investigation on manifold immersion cooling scheme for lithium ion battery thermal management application. <b>2022</b> , 190, 122750		0

96	Numerical simulation of dimensions and arrangement of triangular fins mounted on cylindrical lithium-ion batteries in passive thermal management. <i>Journal of Energy Storage</i> , <b>2022</b> , 50, 104392	7.8	0
95	Experimental studies of liquid immersion cooling for 18650 lithium-ion battery under different discharging conditions. <b>2022</b> , 34, 102034		2
94	Optimization of the Heat Dissipation Structure for Lithium-Ion Battery Packs Based on Thermodynamic Analyses. <b>2022</b> , 10, 47250-47265		0
93	A Coupled Thermo-Mechanical Dynamic Characterization of Cylindrical Batteries. <b>2022</b> , 1-1		
92	Performance Improvement of a Novel Trapezoid Air-Cooling Battery Thermal Management System for Electric Vehicles. <b>2022</b> , 14, 4975		1
91	Simultaneous application of active and passive methods in cooling of a cylindrical lithium-ion battery by changing the size of the elliptical cavity filled with nano phase change materials. <i>Journal of Energy Storage</i> , <b>2022</b> , 50, 104693	7.8	0
90	Thermal management system of lithium-ion battery packs for electric vehicles: An insight based on bibliometric study. <i>Journal of Energy Storage</i> , <b>2022</b> , 52, 104723	7.8	2
89	Control of temperature distribution for Li-ion battery modules via longitudinal fins. <i>Journal of Energy Storage</i> , <b>2022</b> , 52, 104760	7.8	0
88	Thermal Management of Various Battery array arrangement at various Environmental conditions for hybrid and electrical vehicles. <i>Journal of Physics: Conference Series</i> , <b>2022</b> , 2178, 012020	0.3	
87	Optimization of an air-cooled battery module with novel cooling channels based on silica cooling plates. <i>Applied Thermal Engineering</i> , <b>2022</b> , 118650	5.8	0
86	Effect of using a heatsink with nanofluid flow and phase change material on thermal management of plate lithium-ion battery. <i>Journal of Energy Storage</i> , <b>2022</b> , 52, 104686	7.8	0
85	Experimental investigation of the thermal management system of a battery pack using a thermoelectric air-cooling module. <i>Heat Transfer</i> ,	3.1	0
84	Investigation of the effect of aspect ratio in an enclosure filled with phase change materials and its effect on thermal management of lithium-ion batteries: Applicable for storing solar energy. <i>Journal of Power Sources</i> , <b>2022</b> , 539, 231606	8.9	1
83	Thermal and electrical analysis of batteries in electric aircraft using nanofluids. <i>Journal of Energy Storage</i> , <b>2022</b> , 52, 104853	7.8	1
82	Theory and Practices of Li-Ion Battery Thermal Management for Electric and Hybrid Electric Vehicles. <i>Energies</i> , <b>2022</b> , 15, 3930	3.1	1
81	Multi-method collaborative optimization for parallel air cooling lithium-ion battery pack. <i>International Journal of Energy Research</i> ,	4.5	0
80	Numerical Study on the Design of Air Cooled Battery Thermal Management System for Eco-friendly Vehicles. <i>International Journal of Automotive Technology</i> , <b>2022</b> , 23, 603-612	1.6	
79	Towards Safer and Smarter Design for Lithium-Ion-Battery-Powered Electric Vehicles: A Comprehensive Review on Control Strategy Architecture of Battery Management System. <i>Energies</i> , <b>2022</b> , 15, 4227	3.1	1



78	Investigation on forced air-cooling strategy of battery thermal management system considering the inconsistency of battery cells. <i>Applied Thermal Engineering</i> , <b>2022</b> , 214, 118841	5.8	2
77	Phase Change Materials Employment for Battery Thermal Management System in Electric and Hybrid Vehicles: A Review. <i>SSRN Electronic Journal</i> ,	1	
76	Effect of the Size and Location of Liquid Cooling System on the Performance of Square-Shaped Li-Ion Battery Modules of an Electric Vehicle. <i>Fluids</i> , <b>2022</b> , 7, 219	1.6	
75	An expeditious and simple scheme for measuring self-discharge rate of lithium batteries. <i>International Journal of Energy Research</i> ,	4.5	0
74	Boundary tracking control of an unstable cascaded heat system with a non-collocated feedback. <i>IET Control Theory and Applications</i> ,	2.5	
73	Thermal management performance improvement of phase change material for autonomous underwater vehicles' battery module by optimizing fin design based on quantitative evaluation method. <i>International Journal of Energy Research</i> ,	4.5	1
72	Potential applications of phase change materials for batteries' thermal management systems in electric vehicles. <i>Journal of Energy Storage</i> , <b>2022</b> , 54, 105204	7.8	2
71	A study of different battery thermal management systems for battery pack cooling in electric vehicles.		0
70	Fault Tolerance Optimization of a Lithium Battery Pack Having a Damaged Unit.		
69	Effect of Different Inlet/Outlet Port Configurations On the Thermal Management of Prismatic Li-ion Batteries. <b>2022</b> ,		
68	Phase change materials for battery thermal management of electric and hybrid vehicles: A review. <b>2022</b> , 7, 100131		1
67	Enhancement of phase change materials by nanoparticles to improve battery thermal management for autonomous underwater vehicles. <b>2022</b> , 137, 106301		1
66	An energy-efficient battery thermal management system incorporating a porous metal-based multiscale flow manifold. <b>2022</b> , 269, 116147		0
65	Experimentally-validated numerical studies of thermal performance enhancement of latent thermal energy storage systems with periodically reciprocating flow. <b>2022</b> , 55, 105589		0
64	Thermal optimization of intercellular distance in lithium-ion batteries and numerical analysis of the original honeycomb metal integrated battery pack. <b>2022</b> , 55, 105705		0
63	Uniforming thermal distribution by air-convection aspirated in partially hollowed tetrahedral lattice porous cold plates for the drone battery. <b>2022</b> , 199, 123447		0
62	Optimal design of liquid cooling structure with bionic leaf vein branch channel for power battery. <b>2023</b> , 218, 119283		1
61	Use of a multiphysics model to investigate the performance and degradation of lithium-ion battery packs with different electrical configurations. <b>2023</b> , 262, 125424		0

60	Experimental Study of Liquid Immersion Cooling for Different Cylindrical Lithium-Ion Batteries Under Rapid Charging Conditions.	0
59	An optimal study of serpentine channel with various configurations based on response surface analysis. <b>2022</b> , 1074, 012016	0
58	Artificial neural network-based multi-objective optimization of cooling of lithium-ion batteries used in electric vehicles utilizing pulsating coolant flow. <b>2022</b> , 119385	0
57	Thermal Analysis of Lithium Ion Battery Pack with Different Cooling Media.	0
56	Separate and integrated thermal management solutions for electric vehicles: A review. <b>2022</b> , 550, 232133	1
55	Progression of battery storage technology considering safe and sustainable stationary application. <b>2022</b> , 377, 134279	0
54	Stabilization of three-heat cascade system with one boundary control. <b>2022</b> ,	0
53	A critical review on recent developments in battery thermal management system of electric vehicles. <b>2022</b> ,	0
52	Multi-physical contact simulation in Vehicle applications. <b>2022</b> , 28, 369-374	0
51	Numerical assessment of thermal management on the capacity fade of lithium-ion batteries in electric vehicles. 2,	1
50	Lithium ion battery thermal management by using coupled heat pipe and liquid cold plate. <b>2022</b> ,	1
49	A review of thermal runaway prevention and mitigation strategies for lithium-ion batteries. <b>2022</b> , 16, 100310	0
48	Thermal management system for air-cooled battery packs with flow-disturbing structures. <b>2022</b> , 551, 232214	0
47	Computational assessment of the thermal response of a Li-ion battery module to transient loads. <b>2022</b> , 552, 232217	0
46	A Review on lithium-ion battery thermal management system techniques: A control-oriented analysis. <b>2023</b> , 219, 119497	1
45	Thermo-electrochemical simulation of the cooling process in a compact battery pack considering various configurations. <b>2023</b> , 553, 232112	2
44	Sandwich structured ultra-strong-heat-shielding aerogel/copper composite insulation board for safe lithium-ion batteries modules. <b>2023</b> , 76, 438-447	0
43	Performance Analysis of Integrated Battery and Traction Motor Cooling Systems for Two-Wheeler Electric Vehicles Applications.	0

42	Feasibility Analysis of Submerged Battery Cooling System for Electric Vehicles.	0
41	A Critical Review on Charging Technologies of Electric Vehicles. <b>2022</b> , 15, 8239	2
40	A Review of the Parameters Affecting a Heat Pipe Thermal Management System for Lithium-Ion Batteries. <b>2022</b> , 15, 8534	1
39	Thermal Behavior of Lithium- and Sodium-Ion Batteries: A Review on Heat Generation, Battery Degradation, Thermal Runway Perspective and Future Directions.	1
38	Investigation on Thermophysical Characterization of Nano Composite Phase Change Materials for Battery Cooling in EV.	0
37	Experimental study of liquid immersion cooling for different cylindrical lithium-ion batteries under rapid charging conditions. <b>2023</b> , 37, 101569	1
36	Battery capacity estimation using 10-second relaxation voltage and a convolutional neural network. <b>2023</b> , 330, 120308	0
35	Investigation of the integrated fuel cell, battery, and heat pump energy systems. <b>2023</b> , 276, 116503	0
34	Improving the air-cooling performance for lithium-ion battery packs by changing the air flow pattern. <b>2023</b> , 221, 119825	0
33	Experimental investigation on reciprocating air-cooling strategy of battery thermal management system. <b>2023</b> , 58, 106406	0
32	Accuracy assessment of an internal resistance model of Li-ion batteries in immersion cooling configuration. <b>2023</b> , 220, 119656	0
31	Thermal analysis of modified Z-shaped air-cooled battery thermal management system for electric vehicles. <b>2023</b> , 58, 106356	3
30	Effect of channel configurations on the thermal management of fast discharging Li-ion battery module with hybrid cooling. <b>2022</b> , 126358	1
29	Stabilization of Series Heat Equations with One Boundary Control.	0
28	Investigation on Li-ion Battery Pack Topologies for Optimum Thermal Management of Electric Vehicles.	0
27	Composite Phase Change Materials with Carbon Foam and Fibre Combination for Efficient Battery Thermal Management: Dual Modulation Roles of Interfacial Heat Transfer. <b>2023</b> ,	1
26	Heat generation rates and anisotropic thermophysical properties of cylindrical lithium-ion battery cells with different terminal mounting configurations. <b>2023</b> , 119990	0
25	Review of thermal management system for battery electric vehicle. <b>2023</b> , 59, 106443	1

24	Simultaneous internal heating for balanced temperature and state-of-charge distribution in lithium-ion battery packs. <b>2023</b> , 60, 106519	0
23	A comprehensive review on heat pipe based battery thermal management systems. <b>2023</b> , 120070	1
22	Thermal Management Techniques for Lithium-Ion Batteries Based on Phase Change Materials: A Systematic Review and Prospective Recommendations. <b>2023</b> , 16, 876	0
21	The Use of a Vortex Generator for the Efficient Cooling of Lithium-Ion Batteries in Hybrid Electric Vehicles. <b>2023</b> , 11, 500	0
20	State estimation and aging mechanism of 2nd life lithium-ion batteries: Non-destructive and postmortem combined analysis. <b>2023</b> , 443, 141996	0
19	Phased control reciprocating airflow cooling strategy for a battery module considering stage of charge and state of health inconsistency. <b>2023</b> , 61, 106752	0
18	A thermal management system for an energy storage battery container based on cold air directional regulation. <b>2023</b> , 61, 106679	0
17	Novel battery thermal management via scalable dew-point evaporative cooling. <b>2023</b> , 283, 116948	0
16	Thermal behaviour and thermal runaway propagation in lithium-ion battery systems [A critical review. <b>2023</b> , 62, 106894	1
15	Experimental investigations of liquid immersion cooling for 18650 lithium-ion battery pack under fast charging conditions. <b>2023</b> , 227, 120287	0
14	Temperature prediction of lithium-ion battery based on artificial neural network model. <b>2023</b> , 228, 120482	0
13	A numerical study of enhanced lithium-ion battery cooling using a module insert. <b>2023</b> , 42, 102751	0
12	Battery thermal management: A structure optimization using Runge Kutta optimizer for improving system cooling performance. <b>2022</b> ,	0
11	Micromobility: Progress, benefits, challenges, policy and regulations, energy sources and storage, and its role in achieving sustainable development goals. <b>2023</b> , 17, 100292	0
10	Battery thermal management systems. <b>2023</b> , 119-160	0
9	Cooling characteristics of a lithium-ion battery module based on flat aluminum heat pipe by considering thermal radiation.	0
8	Numerical Simulations for Lithium-Ion Battery Pack Cooled by Different Minichannel Cold Plate Arrangements. <b>2023</b> , 2023, 1-18	0
7	A Review of Li-Ion Battery's Thermal Runaway Mitigation Strategies with an Eye towards a Smarter BTMS. <b>2022</b> ,	0

- 6 Machine Learning Methods for Temperature Prediction of Autonomous Underwater Vehicles□  
Battery Pack. **2023**, 3204-3215 ○
- 5 Effect of Liquid Cooling Structure of Confluence Channel on Thermal Performance of Lithium-Ion  
Batteries. **2024**, 21, ○
- 4 A framework for battery temperature estimation based on fractional electro-thermal coupling  
model. **2023**, 63, 107042 ○
- 3 Investigation of the Effect of Air Inlet Position and Velocity on Battery Cooling Performance in  
Electric Vehicles. **2023**, 35, 116-124 ○
- 2 An improved reliability assessment method for lithium-ion battery system considering imbalanced  
current and uneven cooling. **2023**, 127424 ○
- 1 Study on the Influence of Air Inlet and Outlet on the Heat Dissipation Performance of Lithium  
Battery. **2023**, 14, 113 ○