

Zhenjun

List of Publications by Year in descending order

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Version: 2024-02-01

140
papers

7,317
citations

50170

46
h-index

62479

80
g-index

143
all docs

143
docs citations

143
times ranked

5558
citing authors

#	ARTICLE	IF	CITATIONS
1	Existing building retrofits: Methodology and state-of-the-art. <i>Energy and Buildings</i> , 2012, 55, 889-902.	3.1	861
2	Review of solid-liquid phase change materials and their encapsulation technologies. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 48, 373-391.	8.2	677
3	Dynamic characteristics and energy performance of buildings using phase change materials: A review. <i>Energy Conversion and Management</i> , 2009, 50, 3169-3181.	4.4	273
4	Thermal management systems for Photovoltaics (PV) installations: A critical review. <i>Solar Energy</i> , 2013, 97, 238-254.	2.9	203
5	Field test and numerical investigation on the heat transfer characteristics and optimal design of the heat exchangers of a deep borehole ground source heat pump system. <i>Energy Conversion and Management</i> , 2017, 153, 603-615.	4.4	169
6	Nano-enhanced phase change materials for improved building performance. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 58, 1256-1268.	8.2	144
7	Supervisory and optimal control of central chiller plants using simplified adaptive models and genetic algorithm. <i>Applied Energy</i> , 2011, 88, 198-211.	5.1	142
8	Energy efficient control of variable speed pumps in complex building central air-conditioning systems. <i>Energy and Buildings</i> , 2009, 41, 197-205.	3.1	134
9	Development and optimization of an innovative HVAC system with integrated PVT and PCM thermal storage for a net-zero energy retrofitted house. <i>Energy and Buildings</i> , 2015, 94, 21-32.	3.1	131
10	An optimal control strategy for complex building central chilled water systems for practical and real-time applications. <i>Building and Environment</i> , 2009, 44, 1188-1198.	3.0	119
11	In-situ implementation and validation of a CO ₂ -based adaptive demand-controlled ventilation strategy in a multi-zone office building. <i>Building and Environment</i> , 2011, 46, 124-133.	3.0	119
12	A decision tree based data-driven diagnostic strategy for air handling units. <i>Energy and Buildings</i> , 2016, 133, 37-45.	3.1	119
13	Development and evaluation of a ceiling ventilation system enhanced by solar photovoltaic thermal collectors and phase change materials. <i>Energy Conversion and Management</i> , 2014, 88, 218-230.	4.4	112
14	Hybrid model predictive control of a residential HVAC system with on-site thermal energy generation and storage. <i>Applied Energy</i> , 2017, 187, 465-479.	5.1	108
15	Preparation, thermal characterization and examination of phase change materials (PCMs) enhanced by carbon-based nanoparticles for solar thermal energy storage. <i>Journal of Energy Storage</i> , 2019, 25, 100874.	3.9	107
16	Identification of typical building daily electricity usage profiles using Gaussian mixture model-based clustering and hierarchical clustering. <i>Applied Energy</i> , 2018, 231, 331-342.	5.1	101
17	Experimental and numerical investigation of heat transfer performance and sustainability of deep borehole heat exchangers coupled with ground source heat pump systems. <i>Applied Thermal Engineering</i> , 2019, 149, 975-986.	3.0	99
18	Energy performance and optimal control of air-conditioned buildings with envelopes enhanced by phase change materials. <i>Energy Conversion and Management</i> , 2011, 52, 3197-3205.	4.4	83

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19	A multi-objective design optimisation strategy for hybrid photovoltaic thermal collector (PVT)-solar air heater (SAH) systems with fins. <i>Solar Energy</i> , 2018, 163, 315-328.	2.9	79
20	A supervisory control strategy for building cooling water systems for practical and real time applications. <i>Energy Conversion and Management</i> , 2008, 49, 2324-2336.	4.4	78
21	Investigation on capacity matching in liquid desiccant and heat pump hybrid air-conditioning systems. <i>International Journal of Refrigeration</i> , 2012, 35, 160-170.	1.8	73
22	A variation focused cluster analysis strategy to identify typical daily heating load profiles of higher education buildings. <i>Energy</i> , 2017, 134, 90-102.	4.5	70
23	Thermal performance investigation and optimization of buildings with integrated phase change materials and solar photovoltaic thermal collectors. <i>Energy and Buildings</i> , 2016, 116, 562-573.	3.1	69
24	A model-based design optimization strategy for ground source heat pump systems with integrated photovoltaic thermal collectors. <i>Applied Energy</i> , 2018, 214, 178-190.	5.1	67
25	Building energy research in Hong Kong: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2009, 13, 1870-1883.	8.2	66
26	Using electrodialysis for regeneration of aqueous lithium chloride solution in liquid desiccant air conditioning systems. <i>Energy and Buildings</i> , 2016, 116, 285-295.	3.1	66
27	A critical review on phase change material energy storage systems with cascaded configurations. <i>Journal of Cleaner Production</i> , 2021, 283, 124653.	4.6	66
28	Liquid desiccant lithium chloride regeneration by membrane distillation for air conditioning. <i>Separation and Purification Technology</i> , 2017, 177, 121-128.	3.9	65
29	A sensor fault detection strategy for air handling units using cluster analysis. <i>Automation in Construction</i> , 2016, 70, 77-88.	4.8	64
30	A dynamic model for air-based photovoltaic thermal systems working under real operating conditions. <i>Applied Energy</i> , 2014, 132, 216-225.	5.1	63
31	Development of a dynamic model for a hybrid photovoltaic thermal collector "Solar air heater with fins. <i>Renewable Energy</i> , 2017, 101, 816-834.	4.3	63
32	A model-based fault detection and diagnosis strategy for HVAC systems. <i>International Journal of Energy Research</i> , 2009, 33, 903-918.	2.2	61
33	A review of heating, ventilation and air conditioning technologies and innovations used in solar-powered net zero energy Solar Decathlon houses. <i>Journal of Cleaner Production</i> , 2019, 240, 118158.	4.6	59
34	Dynamic character investigation and optimization of a novel air-source heat pump system. <i>Applied Thermal Engineering</i> , 2017, 111, 122-133.	3.0	56
35	Recent advances and development in optimal design and control of ground source heat pump systems. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 131, 110001.	8.2	56
36	An experimental investigation into stratum ventilation for the cooling of an office with asymmetrically distributed heat gains. <i>Building and Environment</i> , 2016, 110, 76-88.	3.0	55

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37	Multi-objective optimisation of thermal energy storage using phase change materials for solar air systems. <i>Renewable Energy</i> , 2019, 130, 1116-1129.	4.3	55
38	Assessing the performance of solar thermal driven membrane distillation for seawater desalination by computer simulation. <i>Journal of Membrane Science</i> , 2017, 542, 133-142.	4.1	54
39	Integrating photovoltaic thermal collectors and thermal energy storage systems using phase change materials with rotary desiccant cooling systems. <i>Sustainable Cities and Society</i> , 2018, 36, 131-143.	5.1	54
40	A model-based optimal control strategy for ground source heat pump systems with integrated solar photovoltaic thermal collectors. <i>Applied Energy</i> , 2018, 228, 1399-1412.	5.1	54
41	A multi-objective design optimization strategy for vertical ground heat exchangers. <i>Energy and Buildings</i> , 2015, 87, 233-242.	3.1	51
42	Optimal design of vertical ground heat exchangers by using entropy generation minimization method and genetic algorithms. <i>Energy Conversion and Management</i> , 2014, 87, 128-137.	4.4	50
43	Improving energy flexibility of a net-zero energy house using a solar-assisted air conditioning system with thermal energy storage and demand-side management. <i>Applied Energy</i> , 2021, 285, 116433.	5.1	50
44	Numerical study on the operating performances of a novel frost-free air-source heat pump unit using three different types of refrigerant. <i>Applied Thermal Engineering</i> , 2017, 112, 248-258.	3.0	49
45	A simplified dynamic model of building structures integrated with shaped-stabilized phase change materials. <i>International Journal of Thermal Sciences</i> , 2010, 49, 1722-1731.	2.6	48
46	Research of heat and moisture transfer influence on the characteristics of the ground heat pump exchangers in unsaturated soil. <i>Energy and Buildings</i> , 2016, 130, 140-149.	3.1	47
47	Understanding the risks and uncertainties introduced by common assumptions in energy simulations for Australian commercial buildings. <i>Energy and Buildings</i> , 2014, 75, 382-393.	3.1	46
48	Geographic Information System-assisted optimal design of renewable powered electric vehicle charging stations in high-density cities. <i>Applied Energy</i> , 2019, 255, 113855.	5.1	46
49	Performance amelioration of single basin solar still integrated with V-type concentrator: Energy, exergy, and economic analysis. <i>Environmental Science and Pollution Research</i> , 2021, 28, 3406-3420.	2.7	46
50	Measurement and evaluation of indoor air quality in naturally ventilated residential buildings. <i>Indoor and Built Environment</i> , 2019, 28, 1307-1323.	1.5	45
51	Effects of ground heat exchangers with different connection configurations on the heating performance of GSHP systems. <i>Geothermics</i> , 2019, 80, 20-30.	1.5	44
52	Flow and heat transfer characteristics of ice slurry in typical components of cooling systems: A review. <i>International Journal of Heat and Mass Transfer</i> , 2019, 141, 922-939.	2.5	42
53	A simplified method for optimal design of solar water heating systems based on life-cycle energy analysis. <i>Renewable Energy</i> , 2015, 74, 271-278.	4.3	41
54	Experimental investigation and control optimization of a ground source heat pump system. <i>Applied Thermal Engineering</i> , 2017, 127, 70-80.	3.0	41

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55	Online performance evaluation of alternative control strategies for building cooling water systems prior to in situ implementation. <i>Applied Energy</i> , 2009, 86, 712-721.	5.1	39
56	Investigation on the feasibility and performance of transcritical CO ₂ heat pump integrated with thermal energy storage for space heating. <i>Renewable Energy</i> , 2019, 134, 496-508.	4.3	39
57	Using Taguchi-Fibonacci search method to optimize phase change materials enhanced buildings with integrated solar photovoltaic thermal collectors. <i>Energy</i> , 2016, 106, 23-37.	4.5	38
58	Experimental investigation on thermal characteristics of transcritical CO ₂ heat pump unit combined with thermal energy storage for residential heating. <i>Applied Thermal Engineering</i> , 2020, 165, 114505.	3.0	37
59	Optimal design and size of a desiccant cooling system with onsite energy generation and thermal storage using a multilayer perceptron neural network and a genetic algorithm. <i>Energy Conversion and Management</i> , 2019, 180, 598-608.	4.4	36
60	Hybrid Model Predictive Control of a Residential HVAC System with PVT Energy Generation and PCM Thermal Storage. <i>Energy Procedia</i> , 2015, 83, 21-30.	1.8	35
61	Factors governing mass transfer during membrane electrodialysis regeneration of LiCl solution for liquid desiccant dehumidification systems. <i>Sustainable Cities and Society</i> , 2017, 28, 30-41.	5.1	35
62	Experimental performance analysis and evaluation of a novel frost-free air source heat pump system. <i>Energy and Buildings</i> , 2018, 175, 69-77.	3.1	35
63	Mathematical modelling and experimental investigation of solar air collectors with corrugated absorbers. <i>Renewable Energy</i> , 2020, 145, 164-179.	4.3	35
64	A data-driven strategy using long short term memory models and reinforcement learning to predict building electricity consumption. <i>Applied Energy</i> , 2022, 306, 118078.	5.1	35
65	Enhancing the performance of large primary-secondary chilled water systems by using bypass check valve. <i>Energy</i> , 2011, 36, 268-276.	4.5	34
66	Building energy performance assessment using volatility change based symbolic transformation and hierarchical clustering. <i>Energy and Buildings</i> , 2018, 166, 284-295.	3.1	34
67	Integrated life cycle cost method for sustainable structural design by focusing on a benchmark office building in Australia. <i>Energy and Buildings</i> , 2018, 166, 525-537.	3.1	32
68	Experimental investigation and seasonal performance assessment of a frost-free ASHP system with radiant floor heating. <i>Energy and Buildings</i> , 2018, 179, 200-212.	3.1	32
69	Development and evaluation of a comfort-oriented control strategy for thermal management of mixed-mode ventilated buildings. <i>Energy and Buildings</i> , 2019, 202, 109347.	3.1	32
70	Implications of global warming for commercial building retrofitting in Australian cities. <i>Building and Environment</i> , 2014, 74, 86-95.	3.0	30
71	Optimal design of a thermal energy storage system using phase change materials for a net-zero energy Solar Decathlon house. <i>Energy and Buildings</i> , 2020, 208, 109626.	3.1	30
72	Performance investigation and optimisation of electrodialysis regeneration for LiCl liquid desiccant cooling systems. <i>Applied Thermal Engineering</i> , 2019, 149, 1023-1034.	3.0	29

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73	Data-driven algorithm for real-time fatigue life prediction of structures with stochastic parameters. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2020, 372, 113373.	3.4	29
74	Lattice Boltzmann simulation of flow and heat transfer evolution inside encapsulated phase change materials due to natural convection melting. <i>Chemical Engineering Science</i> , 2018, 189, 154-164.	1.9	28
75	An agglomerative hierarchical clustering-based strategy using Shared Nearest Neighbours and multiple dissimilarity measures to identify typical daily electricity usage profiles of university library buildings. <i>Energy</i> , 2019, 174, 735-748.	4.5	28
76	Impact of structural design solutions on the energy and thermal performance of an Australian office building. <i>Building and Environment</i> , 2017, 124, 258-282.	3.0	27
77	A review of heat and mass transfer improvement techniques for dehumidifiers and regenerators of liquid desiccant cooling systems. <i>Applied Thermal Engineering</i> , 2019, 162, 114271.	3.0	27
78	Experimental investigation and two-level model-based optimisation of a solar photovoltaic thermal collector coupled with phase change material thermal energy storage. <i>Applied Thermal Engineering</i> , 2021, 182, 116098.	3.0	27
79	Integrative modelling and optimisation of a desiccant cooling system coupled with a photovoltaic thermal-solar air heater. <i>Solar Energy</i> , 2019, 193, 929-947.	2.9	26
80	Performance enhancement of a complex chilled water system using a check valve: Experimental validation. <i>Applied Thermal Engineering</i> , 2010, 30, 2827-2832.	3.0	25
81	Using an air cycle heat pump system with a turbocharger to supply heating for full electric vehicles. <i>International Journal of Refrigeration</i> , 2017, 77, 11-19.	1.8	25
82	Thermal performance evaluation of an integrated photovoltaic thermal-phase change material system using Taguchi method. <i>Energy Procedia</i> , 2017, 121, 118-125.	1.8	25
83	A data-driven strategy to forecast next-day electricity usage and peak electricity demand of a building portfolio using cluster analysis, Cubist regression models and Particle Swarm Optimization. <i>Journal of Cleaner Production</i> , 2020, 273, 123115.	4.6	25
84	Optimisation of life cycle performance of a double-pass photovoltaic thermal-solar air heater with heat pipes. <i>Renewable Energy</i> , 2019, 138, 90-105.	4.3	24
85	Online fault detection and robust control of condenser cooling water systems in building central chiller plants. <i>Energy and Buildings</i> , 2011, 43, 153-165.	3.1	23
86	A Novel Multifeature Based On-Site Calibration Method for LiDAR-IMU System. <i>IEEE Transactions on Industrial Electronics</i> , 2020, 67, 9851-9861.	5.2	23
87	Development and modelling of a solar assisted liquid desiccant dehumidification air-conditioning system. <i>Building Simulation</i> , 2015, 8, 123-135.	3.0	21
88	Residential Building Retrofit through Numerical Simulation: A Case Study. <i>Energy Procedia</i> , 2017, 111, 91-100.	1.8	21
89	Linear regression models for prediction of annual heating and cooling demand in representative Australian residential dwellings. <i>Energy Procedia</i> , 2017, 121, 79-86.	1.8	21
90	Model-based Optimization of Ground Source Heat Pump Systems. <i>Energy Procedia</i> , 2017, 111, 12-20.	1.8	21

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91	Performance assessment of a novel natural gas pressure reduction station equipped with parabolic trough solar collectors. <i>Renewable Energy</i> , 2018, 128, 177-187.	4.3	21
92	Investigation on the optimal cooling tower input capacity of a cooling tower assisted ground source heat pump system. <i>Energy and Buildings</i> , 2018, 174, 239-253.	3.1	21
93	Development of a nodal model for predicting the vertical temperature profile in a stratum-ventilated room. <i>Energy and Buildings</i> , 2018, 159, 99-108.	3.1	19
94	Membrane fouling in direct contact membrane distillation for liquid desiccant regeneration: Effects of feed temperature and flow velocity. <i>Journal of Membrane Science</i> , 2022, 642, 119936.	4.1	19
95	Improving Positioning Accuracy of the Mobile Laser Scanning in GPS-Denied Environments: An Experimental Case Study. <i>IEEE Sensors Journal</i> , 2019, 19, 10753-10763.	2.4	17
96	Evaluation of plume potential and plume abatement of evaporative cooling towers in a subtropical region. <i>Applied Thermal Engineering</i> , 2008, 28, 1471-1484.	3.0	16
97	Characterisation and evaluation of a new phase change enhanced working solution for liquid desiccant cooling systems. <i>Applied Thermal Engineering</i> , 2019, 150, 1197-1205.	3.0	16
98	Direct contact membrane distillation for liquid desiccant regeneration and fresh water production: Experimental investigation, response surface modeling and optimization. <i>Applied Thermal Engineering</i> , 2021, 184, 116293.	3.0	16
99	Test and evaluation of energy saving potentials in a complex building central chilling system using genetic algorithm. <i>Building Services Engineering Research and Technology</i> , 2011, 32, 109-126.	0.9	15
100	Experimental investigation and performance evaluation of a mixed-flow air to air membrane enthalpy exchanger with different configurations. <i>Applied Thermal Engineering</i> , 2020, 166, 114682.	3.0	15
101	Solar medium-low temperature thermal utilization and effect analysis of boundary condition: A tutorial. <i>Solar Energy</i> , 2020, 197, 238-253.	2.9	15
102	Further analysis of the influence of interstage configurations on two-stage vapor compression heat pump systems. <i>Applied Thermal Engineering</i> , 2021, 184, 116050.	3.0	15
103	Thermal Comfort Evaluation of a Mixed-mode Ventilated Office Building with Advanced Natural Ventilation and Underfloor air Distribution Systems. <i>Energy Procedia</i> , 2017, 111, 520-529.	1.8	14
104	Using fuzzy clustering and weighted cumulative probability distribution techniques for optimal design of phase change material thermal energy storage. <i>Journal of Cleaner Production</i> , 2019, 233, 1259-1268.	4.6	13
105	Performance investigation and sensitivity analysis of shell-and-tube phase change material thermal energy storage. <i>Journal of Energy Storage</i> , 2021, 33, 102040.	3.9	13
106	Mathematical modelling and simulation analysis of electro dialysis regeneration for LiCl liquid desiccant air conditioning systems. <i>International Journal of Refrigeration</i> , 2019, 107, 234-245.	1.8	12
107	Effect of design parameters on thermal performance of integrated phase change material blind system for double skin facade buildings. <i>International Journal of Low-Carbon Technologies</i> , 2019, 14, 286-293.	1.2	12
108	Effects of initial mist conditions on simulation accuracy of humidity distribution in an environmental chamber. <i>Building and Environment</i> , 2012, 47, 217-222.	3.0	11

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109	Thermodynamic analysis and design optimisation of a cross flow air to air membrane enthalpy exchanger. <i>Energy</i> , 2020, 202, 117691.	4.5	11
110	Study on recent progress and advances in air-to-air membrane enthalpy exchangers: Materials selection, performance improvement, design optimisation and effects of operating conditions. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 156, 111941.	8.2	11
111	Effects of different inlet vent positions on the uniformity of humidity inside a building chamber. <i>Energy and Buildings</i> , 2014, 76, 565-571.	3.1	10
112	Numerical analysis of indoor thermal comfort in a cross-ventilated space with top-hung windows. <i>Energy Procedia</i> , 2017, 121, 222-229.	1.8	10
113	Measurement and prediction of granite damage evolution in deep mine seams using acoustic emission. <i>Measurement Science and Technology</i> , 2019, 30, 114002.	1.4	10
114	A new strategy to benchmark and evaluate building electricity usage using multiple data mining technologies. <i>Sustainable Energy Technologies and Assessments</i> , 2020, 40, 100770.	1.7	10
115	Innovation in Sustainable Solar-Powered Net-Zero Energy Solar Decathlon Houses: A Review and Showcase. <i>Buildings</i> , 2021, 11, 171.	1.4	10
116	Performance evaluation of a novel frost-free air-source heat pump integrated with phase change materials (PCMs) and dehumidification. <i>Energy Procedia</i> , 2017, 121, 134-141.	1.8	9
117	Experimental investigation and evaluation of the performance of air-source heat pumps for indoor thermal comfort control. <i>Journal of Mechanical Science and Technology</i> , 2018, 32, 1437-1447.	0.7	9
118	Qualitative analysis of the use of building performance simulation for retrofitting lower quality office buildings in Australia. <i>Energy and Buildings</i> , 2018, 181, 84-94.	3.1	9
119	Above-roof air temperature effects on HVAC and cool roof performance: Experiments and development of a predictive model. <i>Energy and Buildings</i> , 2020, 222, 110071.	3.1	9
120	A comprehensive energy, exergy and enviroeconomic (3-E) analysis with carbon mitigation for multistage evaporation assisted milk powder production unit. <i>Sustainable Energy Technologies and Assessments</i> , 2021, 43, 100925.	1.7	9
121	Identification of Environmental and Contextual Driving Factors of Air Conditioning Usage Behaviour in the Sydney Residential Buildings. <i>Buildings</i> , 2021, 11, 122.	1.4	9
122	Air-to-air enthalpy exchangers: Membrane modification using metal-organic frameworks, characterisation and performance assessment. <i>Journal of Cleaner Production</i> , 2021, 293, 126157.	4.6	9
123	Prediction, potential and control of plume from wet cooling tower of commercial buildings in Hong Kong: A case study. <i>International Journal of Energy Research</i> , 2007, 31, 778-795.	2.2	7
124	Moisture diffusion measurement and evaluation for porous membranes used in enthalpy exchangers. <i>Energy Procedia</i> , 2019, 160, 499-506.	1.8	7
125	Energy and exergy analysis of a desiccant cooling system integrated with thermal energy storage and photovoltaic/thermal-solar air collectors. <i>Science and Technology for the Built Environment</i> , 2020, 26, 12-27.	0.8	7
126	A case study of SARS-CoV-2 transmission behavior in a severely air-polluted city (Delhi, India) and the potential usage of graphene based materials for filtering air-pollutants and controlling/monitoring the COVID-19 pandemic. <i>Environmental Sciences: Processes and Impacts</i> , 2021, 23, 923-946.	1.7	7

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127	A review of heat and mass transfer mechanisms of dehumidifiers and regenerators for liquid desiccant cooling systems. <i>Science and Technology for the Built Environment</i> , 2020, 26, 465-483.	0.8	6
128	Refrigerator cost trap for low-income households: Developments in measurement and verification of appliance replacements. <i>Energy for Sustainable Development</i> , 2021, 60, 1-14.	2.0	6
129	Simulation of the Melting Process of Ice Slurry for Energy Storage Using a Two-Fluid Lattice Boltzmann Method. <i>Energy Procedia</i> , 2017, 121, 110-117.	1.8	5
130	Study on performance evaluation of CO2 heat pump system integrated with thermal energy storage for space heating. <i>Energy Procedia</i> , 2019, 158, 1380-1387.	1.8	5
131	Experimental investigation of a regenerated air cycle heat pump heating system with a turbocharger. <i>International Journal of Refrigeration</i> , 2019, 100, 48-54.	1.8	5
132	Transient nonlinear heat transfer analysis using a generic grid refinement for structure parameter variations. <i>International Journal of Thermal Sciences</i> , 2020, 153, 106357.	2.6	5
133	A dynamic simulation platform for fault modelling and characterisation of building integrated photovoltaics. <i>Renewable Energy</i> , 2021, 179, 963-981.	4.3	5
134	Analytical solution for the heat and mass transfer of spherical grains during drying. <i>Biosystems Engineering</i> , 2021, 212, 399-412.	1.9	5
135	Effect of regulating main governing factors on the selectivity membranes of electrodialysis used for LiCl liquid desiccant regeneration. <i>Journal of Building Engineering</i> , 2020, 28, 101022.	1.6	3
136	An unsupervised data mining strategy for performance evaluation of ground source heat pump systems. <i>Sustainable Energy Technologies and Assessments</i> , 2021, 46, 101255.	1.7	3
137	Development of a Bayesian based adaptive optimisation algorithm for the thermostat settings in agile open plan offices. <i>Energy and Buildings</i> , 2021, 230, 110536.	3.1	2
138	An air cycle heat pump heating system using a turbocharger for full electric vehicle. <i>Procedia Engineering</i> , 2017, 205, 1405-1411.	1.2	1
139	Using Evidence Accumulation-Based Clustering and Symbolic Transformation to Group Multiple Buildings Based on Electricity Usage Patterns. <i>Smart Innovation, Systems and Technologies</i> , 2020, , 61-71.	0.5	1
140	Experimental investigation and performance analysis of an Organic Rankine Cycle for low-temperature heat to electricity generation. <i>International Journal of Low-Carbon Technologies</i> , 2019, 14, 500-507.	1.2	0