

Zhenjun

List of Publications by Year in Descending Order

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

140
papers

5,147
citations

40
h-index

67
g-index

141
ext. papers

6,243
ext. citations

6.7
avg, IF

6.45
L-index

#	Paper	IF	Citations
140	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	16.2	1
139	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	10.7	2
138	Analytical solution for the heat and mass transfer of spherical grains during drying. <i>Biosystems Engineering</i> , 2021 , 212, 399-412	4.8	1
137	Identification of Environmental and Contextual Driving Factors of Air Conditioning Usage Behaviour in the Sydney Residential Buildings. <i>Buildings</i> , 2021 , 11, 122	3.2	2
136	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	10.7	21
135	Air-to-air enthalpy exchangers: Membrane modification using metal-organic frameworks, characterisation and performance assessment. <i>Journal of Cleaner Production</i> , 2021 , 293, 126157	10.3	4
134	Innovation in Sustainable Solar-Powered Net-Zero Energy Solar Decathlon Houses: A Review and Showcase. <i>Buildings</i> , 2021 , 11, 171	3.2	3
133	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	5.8	5
132	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	5.8	11
131	Further analysis of the influence of interstage configurations on two-stage vapor compression heat pump systems. <i>Applied Thermal Engineering</i> , 2021 , 184, 116050	5.8	2
130	A critical review on phase change material energy storage systems with cascaded configurations. <i>Journal of Cleaner Production</i> , 2021 , 283, 124653	10.3	23
129	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	7	0
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	5.4	0
127	Performance investigation and sensitivity analysis of shell-and-tube phase change material thermal energy storage. <i>Journal of Energy Storage</i> , 2021 , 33, 102040	7.8	7
126	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	5.1	27
125	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	4.3	3
124	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	4.7	5

123	An unsupervised data mining strategy for performance evaluation of ground source heat pump systems. <i>Sustainable Energy Technologies and Assessments</i> , 2021 , 46, 101255	4.7	1
122	Membrane fouling in direct contact membrane distillation for liquid desiccant regeneration: Effects of feed temperature and flow velocity. <i>Journal of Membrane Science</i> , 2021 , 642, 119936	9.6	3
121	A dynamic simulation platform for fault modelling and characterisation of building integrated photovoltaics. <i>Renewable Energy</i> , 2021 , 179, 963-981	8.1	1
120	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	7	6
119	A Novel Multifeature Based On-Site Calibration Method for LiDAR-IMU System. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 9851-9861	8.9	11
118	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	4.7	6
117	Transient nonlinear heat transfer analysis using a generic grid refinement for structure parameter variations. <i>International Journal of Thermal Sciences</i> , 2020 , 153, 106357	4.1	2
116	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	16.2	19
115	Solar medium-low temperature thermal utilization and effect analysis of boundary condition: A tutorial. <i>Solar Energy</i> , 2020 , 197, 238-253	6.8	10
114	Thermodynamic analysis and design optimisation of a cross flow air to air membrane enthalpy exchanger. <i>Energy</i> , 2020 , 202, 117691	7.9	8
113	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
112	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	1.8	2
111	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	5.2	3
110	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	5.8	17
109	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	5.8	8
108	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	7	21
107	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	5.7	10
106	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	10.3	14

105	Mathematical modelling and experimental investigation of solar air collectors with corrugated absorbers. <i>Renewable Energy</i> , 2020 , 145, 164-179	8.1	19
104	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	1.8	3
103	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	5.8	17
102	Study on performance evaluation of CO ₂ heat pump system integrated with thermal energy storage for space heating. <i>Energy Procedia</i> , 2019 , 158, 1380-1387	2.3	5
101	Moisture diffusion measurement and evaluation for porous membranes used in enthalpy exchangers. <i>Energy Procedia</i> , 2019 , 160, 499-506	2.3	6
100	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	10.3	40
99	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	7	18
98	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	5.8	9
97	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	8.1	13
96	Effect of design parameters on thermal performance of integrated phase change material blind system for double skin façade buildings. <i>International Journal of Low-Carbon Technologies</i> , 2019 , 14, 286-293	2.8	8
95	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	7.9	14
94	Effects of ground heat exchangers with different connection configurations on the heating performance of GSHP systems. <i>Geothermics</i> , 2019 , 80, 20-30	4.3	25
93	Multi-objective optimisation of thermal energy storage using phase change materials for solar air systems. <i>Renewable Energy</i> , 2019 , 130, 1116-1129	8.1	41
92	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	3.8	10
91	. <i>IEEE Sensors Journal</i> , 2019 , 19, 10753-10763	4	9
90	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	7.8	55
89	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	10.3	7
88	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	4.9	20

87	Measurement and prediction of granite damage evolution in deep mine seams using acoustic emission. <i>Measurement Science and Technology</i> , 2019 , 30, 114002	2	6
86	Geographic Information System-assisted optimal design of renewable powered electric vehicle charging stations in high-density cities. <i>Applied Energy</i> , 2019 , 255, 113855	10.7	21
85	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	2.8	
84	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	6.8	18
83	Measurement and evaluation of indoor air quality in naturally ventilated residential buildings. <i>Indoor and Built Environment</i> , 2019 , 28, 1307-1323	1.8	25
82	Performance investigation and optimisation of electro dialysis regeneration for LiCl liquid desiccant cooling systems. <i>Applied Thermal Engineering</i> , 2019 , 149, 1023-1034	5.8	16
81	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	5.8	46
80	Investigation on the feasibility and performance of transcritical CO2 heat pump integrated with thermal energy storage for space heating. <i>Renewable Energy</i> , 2019 , 134, 496-508	8.1	23
79	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	10.6	25
78	Experimental investigation of a regenerated air cycle heat pump heating system with a turbocharger. <i>International Journal of Refrigeration</i> , 2019 , 100, 48-54	3.8	0
77	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	7	22
76	Building energy performance assessment using volatility change based symbolic transformation and hierarchical clustering. <i>Energy and Buildings</i> , 2018 , 166, 284-295	7	22
75	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	10.7	47
74	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	6.8	45
73	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	7	16
72	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	1.6	8
71	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 ^{10.1}		40
70	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	7	11

69	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	10.7	34
68	Experimental performance analysis and evaluation of a novel frost-free air source heat pump system. <i>Energy and Buildings</i> , 2018 , 175, 69-77	7	26
67	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	10.7	51
66	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	7	23
65	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	7	6
64	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	4.4	18
63	Performance assessment of a novel natural gas pressure reduction station equipped with parabolic trough solar collectors. <i>Renewable Energy</i> , 2018 , 128, 177-187	8.1	19
62	Residential Building Retrofit through Numerical Simulation: A Case Study. <i>Energy Procedia</i> , 2017 , 111, 91-100	2.3	17
61	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	2.3	10
60	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	3.8	18
59	Liquid desiccant lithium chloride regeneration by membrane distillation for air conditioning. <i>Separation and Purification Technology</i> , 2017 , 177, 121-128	8.3	46
58	Linear regression models for prediction of annual heating and cooling demand in representative Australian residential dwellings. <i>Energy Procedia</i> , 2017 , 121, 79-86	2.3	16
57	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	2.3	3
56	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	2.3	6
55	Numerical analysis of indoor thermal comfort in a cross-ventilated space with top-hung windows. <i>Energy Procedia</i> , 2017 , 121, 222-229	2.3	5
54	Thermal performance evaluation of an integrated photovoltaic thermal-phase change material system using Taguchi method. <i>Energy Procedia</i> , 2017 , 121, 118-125	2.3	16
53	Model-based Optimization of Ground Source Heat Pump Systems. <i>Energy Procedia</i> , 2017 , 111, 12-20	2.3	16
52	Experimental investigation and control optimization of a ground source heat pump system. <i>Applied Thermal Engineering</i> , 2017 , 127, 70-80	5.8	29

51	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	6.5	25
50	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	9.6	33
49	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	10.6	97
48	Development of a dynamic model for a hybrid photovoltaic thermal collector ☒Solar air heater with fins. <i>Renewable Energy</i> , 2017 , 101, 816-834	8.1	44
47	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	5.8	41
46	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	10.7	83
45	Dynamic character investigation and optimization of a novel air-source heat pump system. <i>Applied Thermal Engineering</i> , 2017 , 111, 122-133	5.8	44
44	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	10.1	28
43	An air cycle heat pump heating system using a turbocharger for full electric vehicle. <i>Procedia Engineering</i> , 2017 , 205, 1405-1411		1
42	A variation focused cluster analysis strategy to identify typical daily heating load profiles of higher education buildings. <i>Energy</i> , 2017 , 134, 90-102	7.9	49
41	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	7	40
40	Nano-enhanced phase change materials for improved building performance. <i>Renewable and Sustainable Energy Reviews</i> , 2016 , 58, 1256-1268	16.2	109
39	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	7	57
38	Using electrodialysis for regeneration of aqueous lithium chloride solution in liquid desiccant air conditioning systems. <i>Energy and Buildings</i> , 2016 , 116, 285-295	7	52
37	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	7.9	32
36	A sensor fault detection strategy for air handling units using cluster analysis. <i>Automation in Construction</i> , 2016 , 70, 77-88	9.6	52
35	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	6.5	41
34	A decision tree based data-driven diagnostic strategy for air handling units. <i>Energy and Buildings</i> , 2016 , 133, 37-45	7	81

33	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	7	96
32	Review of solid-liquid phase change materials and their encapsulation technologies. <i>Renewable and Sustainable Energy Reviews</i> , 2015 , 48, 373-391	16.2	456
31	A multi-objective design optimization strategy for vertical ground heat exchangers. <i>Energy and Buildings</i> , 2015 , 87, 233-242	7	45
30	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	8.1	31
29	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	2.3	29
28	Development and modelling of a solar assisted liquid desiccant dehumidification air-conditioning system. <i>Building Simulation</i> , 2015 , 8, 123-135	3.9	16
27	Effects of different inlet vent positions on the uniformity of humidity inside a building chamber. <i>Energy and Buildings</i> , 2014 , 76, 565-571	7	6
26	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	10.6	95
25	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	10.6	44
24	A dynamic model for air-based photovoltaic thermal systems working under real operating conditions. <i>Applied Energy</i> , 2014 , 132, 216-225	10.7	56
23	Implications of global warming for commercial building retrofitting in Australian cities. <i>Building and Environment</i> , 2014 , 74, 86-95	6.5	27
22	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	7	41
21	Thermal management systems for Photovoltaics (PV) installations: A critical review. <i>Solar Energy</i> , 2013 , 97, 238-254	6.8	150
20	Investigation on capacity matching in liquid desiccant and heat pump hybrid air-conditioning systems. <i>International Journal of Refrigeration</i> , 2012 , 35, 160-170	3.8	62
19	Existing building retrofits: Methodology and state-of-the-art. <i>Energy and Buildings</i> , 2012 , 55, 889-902	7	691
18	Effects of initial mist conditions on simulation accuracy of humidity distribution in an environmental chamber. <i>Building and Environment</i> , 2012 , 47, 217-222	6.5	11
17	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	10.6	74
16	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	6.5	101

15	Supervisory and optimal control of central chiller plants using simplified adaptive models and genetic algorithm. <i>Applied Energy</i> , 2011 , 88, 198-211	10.7	115
14	Enhancing the performance of large primary-secondary chilled water systems by using bypass check valve. <i>Energy</i> , 2011 , 36, 268-276	7.9	29
13	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	7	16
12	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	2.3	13
11	Performance enhancement of a complex chilled water system using a check valve: Experimental validation. <i>Applied Thermal Engineering</i> , 2010 , 30, 2827-2832	5.8	22
10	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	4.1	38
9	Dynamic characteristics and energy performance of buildings using phase change materials: A review. <i>Energy Conversion and Management</i> , 2009 , 50, 3169-3181	10.6	234
8	A model-based fault detection and diagnosis strategy for HVAC systems. <i>International Journal of Energy Research</i> , 2009 , 33, 903-918	4.5	48
7	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	6.5	97
6	Building energy research in Hong Kong: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2009 , 13, 1870-1883	16.2	55
5	Energy efficient control of variable speed pumps in complex building central air-conditioning systems. <i>Energy and Buildings</i> , 2009 , 41, 197-205	7	97
4	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	10.7	30
3	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	10.6	63
2	Evaluation of plume potential and plume abatement of evaporative cooling towers in a subtropical region. <i>Applied Thermal Engineering</i> , 2008 , 28, 1471-1484	5.8	14
1	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	4.5	6