

Pingfang Hu

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,128
citations

331538
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all docs

28
docs citations

28
times ranked

1007
citing authors

#	ARTICLE	IF	CITATIONS
1	A hybrid short-term load forecasting model and its application in ground source heat pump with cooling storage system. <i>Renewable Energy</i> , 2020, 161, 1244-1259.	4.3	29
2	A study on the optimal air, load and source side temperature combination for a variable air and water volume ground source heat pump system. <i>Applied Thermal Engineering</i> , 2020, 178, 115595.	3.0	6
3	A new analytical model for short-time analysis of energy piles and its application. <i>Energy and Buildings</i> , 2020, 224, 110221.	3.1	1
4	Simulation of hybrid GSHP systems utilizing radiant ceiling terminal and system evaluation with analytic hierarchy process method. <i>Indoor and Built Environment</i> , 2020, 29, 1202-1213.	1.5	4
5	Numerical investigations on performance of phase change material Trombe wall in building. <i>Energy</i> , 2019, 187, 116057.	4.5	86
6	Numerical study on thermal performance of PCM Trombe Wall. <i>Energy Procedia</i> , 2019, 158, 2441-2447.	1.8	49
7	Performance analysis and optimization of a CCHP-GSHP coupling system based on quantum genetic algorithm. <i>Sustainable Cities and Society</i> , 2019, 46, 101408.	5.1	48
8	Experiment study on thermal performance of building integrated with double layers shape-stabilized phase change material wallboard. <i>Energy</i> , 2019, 167, 1164-1180.	4.5	66
9	Hybrid analytical model for composite heat transfer in a spiral pile ground heat exchanger. <i>Applied Thermal Engineering</i> , 2018, 137, 555-566.	3.0	14
10	Performance study on different location of double layers SSPCM wallboard in office building. <i>Energy and Buildings</i> , 2018, 158, 23-31.	3.1	32
11	A review on applications of shape-stabilized phase change materials embedded in building enclosure in recent ten years. <i>Sustainable Cities and Society</i> , 2018, 43, 251-264.	5.1	87
12	Energy and exergy analysis of a ground source heat pump system for a public building in Wuhan, China under different control strategies. <i>Energy and Buildings</i> , 2017, 152, 301-312.	3.1	43
13	Experimental thermal performance analysis of ground heat exchangers for space heating and cooling applications. <i>Renewable Energy</i> , 2017, 113, 1168-1181.	4.3	36
14	Energy performance of double shape-stabilized phase change materials wallboards in office building. <i>Applied Thermal Engineering</i> , 2016, 105, 180-188.	3.0	38
15	Energy saving potential of a novel phase change material wallboard in typical climate regions of China. <i>Energy and Buildings</i> , 2016, 128, 360-369.	3.1	38
16	The performance prediction of ground source heat pump system based on monitoring data and data mining technology. <i>Energy and Buildings</i> , 2016, 127, 1085-1095.	3.1	46
17	Modeling and simulation on the performance of a novel double shape-stabilized phase change materials wallboard. <i>Energy and Buildings</i> , 2015, 107, 181-190.	3.1	48
18	Case study of performance evaluation of ground source heat pump system based on ANN and ANFIS models. <i>Applied Thermal Engineering</i> , 2015, 87, 586-594.	3.0	44

#	ARTICLE	IF	CITATIONS
19	Numerical study on ground source heat pump integrated with phase change material cooling storage system in office building. Applied Thermal Engineering, 2015, 87, 615-623.	3.0	46
20	Periodic heat flux composite model for borehole heat exchanger and its application. Applied Energy, 2015, 151, 132-142.	5.1	19
21	Study on intermittent operation strategies of a hybrid ground-source heat pump system with double-cooling towers for hotel buildings. Energy and Buildings, 2014, 76, 506-512.	3.1	57
22	A composite cylindrical model and its application in analysis of thermal response and performance for energy pile. Energy and Buildings, 2014, 84, 324-332.	3.1	62
23	Recent research and applications of ground source heat pump integrated with thermal energy storage systems: A review. Applied Thermal Engineering, 2014, 71, 142-151.	3.0	102
24	Performance study of a ground heat exchanger based on the multipole theory heat transfer model. Energy and Buildings, 2013, 65, 231-241.	3.1	43
25	A simplified dynamic model of double layers shape-stabilized phase change materials wallboards. Energy and Buildings, 2013, 67, 508-516.	3.1	29
26	Comparative study of intermittent operating conditions for hybrid ground-source heat pump. , 2013, , .		1
27	A method and case study of thermal response test with unstable heat rate. Energy and Buildings, 2012, 48, 199-205.	3.1	36
28	A Baseline Model for Office Building Energy Consumption in Hot Summer and Cold Winter Region. , 2009, , .		18