Pingfang Hu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9164891/publications.pdf

Version: 2024-02-01

28	1,128	331670 21	552781 26
papers	citations	h-index	g-index

28	28	28	1007
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Recent research and applications of ground source heat pump integrated with thermal energy storage systems: A review. Applied Thermal Engineering, 2014, 71, 142-151.	6.0	102
2	A review on applications of shape-stabilized phase change materials embedded in building enclosure in recent ten years. Sustainable Cities and Society, 2018, 43, 251-264.	10.4	87
3	Numerical investigations on performance of phase change material Trombe wall in building. Energy, 2019, 187, 116057.	8.8	86
4	Experiment study on thermal performance of building integrated with double layers shape-stabilized phase change material wallboard. Energy, 2019, 167, 1164-1180.	8.8	66
5	A composite cylindrical model and its application in analysis of thermal response and performance for energy pile. Energy and Buildings, 2014, 84, 324-332.	6.7	62
6	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.	6.7	57
7	Numerical study on thermal performance of PCM Trombe Wall. Energy Procedia, 2019, 158, 2441-2447.	1.8	49
8	Modeling and simulation on the performance of a novel double shape-stabilized phase change materials wallboard. Energy and Buildings, 2015, 107, 181-190.	6.7	48
9	Performance analysis and optimization of a CCHP-GSHP coupling system based on quantum genetic algorithm. Sustainable Cities and Society, 2019, 46, 101408.	10.4	48
10	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.	6.0	46
11	The performance prediction of ground source heat pump system based on monitoring data and data mining technology. Energy and Buildings, 2016, 127, 1085-1095.	6.7	46
12	Case study of performance evaluation of ground source heat pump system based on ANN and ANFIS models. Applied Thermal Engineering, 2015, 87, 586-594.	6.0	44
13	Performance study of a ground heat exchanger based on the multipole theory heat transfer model. Energy and Buildings, 2013, 65, 231-241.	6.7	43
14	Energy and exergy analysis of a ground source heat pump system for a public building in Wuhan, China under different control strategies. Energy and Buildings, 2017, 152, 301-312.	6.7	43
15	Energy performance of double shape-stabilized phase change materials wallboards in office building. Applied Thermal Engineering, 2016, 105, 180-188.	6.0	38
16	Energy saving potential of a novel phase change material wallboard in typical climate regions of China. Energy and Buildings, 2016, 128, 360-369.	6.7	38
17	A method and case study of thermal response test with unstable heat rate. Energy and Buildings, 2012, 48, 199-205.	6.7	36
18	Experimental thermal performance analysis of ground heat exchangers for space heating and cooling applications. Renewable Energy, 2017, 113, 1168-1181.	8.9	36

#	Article	IF	Citations
19	Performance study on different location of double layers SSPCM wallboard in office building. Energy and Buildings, 2018, 158, 23-31.	6.7	32
20	A simplified dynamic model of double layers shape-stabilized phase change materials wallboards. Energy and Buildings, 2013, 67, 508-516.	6.7	29
21	A hybrid short-term load forecasting model and its application in ground source heat pump with cooling storage system. Renewable Energy, 2020, 161, 1244-1259.	8.9	29
22	Periodic heat flux composite model for borehole heat exchanger and its application. Applied Energy, 2015, 151, 132-142.	10.1	19
23	A Baseline Model for Office Building Energy Consumption in Hot Summer and Cold Winter Region. , 2009, , .		18
24	Hybrid analytical model for composite heat transfer in a spiral pile ground heat exchanger. Applied Thermal Engineering, 2018, 137, 555-566.	6.0	14
25	A study on the optimal air, load and source side temperature combination for a variable air and water volume ground source heat pump system. Applied Thermal Engineering, 2020, 178, 115595.	6.0	6
26	Simulation of hybrid GSHP systems utilizing radiant ceiling terminal and system evaluation with analytic hierarchy process method. Indoor and Built Environment, 2020, 29, 1202-1213.	2.8	4
27	Comparative study of intermittent operating conditions for hybrid ground-source heat pump. , 2013, , .		1
28	A new analytical model for short-time analysis of energy piles and its application. Energy and Buildings, 2020, 224, 110221.	6.7	1