

Linfeng Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2432206/publications.pdf>

Version: 2024-02-01

14
papers

336
citations

1163117

8
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

302
citing authors

#	ARTICLE	IF	CITATIONS
1	Wireless sensor network based monitoring system for a large-scale indoor space: data process and supply air allocation optimization. <i>Energy and Buildings</i> , 2015, 103, 365-374.	6.7	64
2	A transient quasi-3D entire time scale line source model for the fluid and ground temperature prediction of vertical ground heat exchangers (GHEs). <i>Applied Energy</i> , 2016, 170, 65-75.	10.1	51
3	Performance of a thermoelectric cooling system integrated with a gravity-assisted heat pipe for cooling electronics. <i>Applied Thermal Engineering</i> , 2017, 116, 433-444.	6.0	51
4	A p(t)-linear average method to estimate the thermal parameters of the borehole heat exchangers for in situ thermal response test. <i>Applied Energy</i> , 2014, 131, 211-221.	10.1	49
5	Uncertainty analysis for chiller sequencing control. <i>Energy and Buildings</i> , 2014, 85, 187-198.	6.7	34
6	An hourly simulation method for the energy performance of an office building served by a ground-coupled heat pump system. <i>Renewable Energy</i> , 2018, 126, 495-508.	8.9	25
7	Estimation of soil and grout thermal properties for ground-coupled heat pump systems: Development and application. <i>Applied Thermal Engineering</i> , 2018, 143, 112-122.	6.0	21
8	Comparative analysis of U-pipe location on the sizing of borehole heat exchangers. <i>Applied Thermal Engineering</i> , 2019, 150, 666-673.	6.0	13
9	Analytical solution and economic impact for improved $p(t)$ (t)-linear average method to estimate the ground thermal properties during in situ thermal response test. <i>Science and Technology for the Built Environment</i> , 2017, 23, 324-333.	1.7	7
10	Numerical Investigation on Energy Efficiency of Heat Pump with Tunnel Lining Ground Heat Exchangers under Building Cooling. <i>Buildings</i> , 2021, 11, 611.	3.1	6
11	Improved $p(t)$ -linear Average Method for Ground Thermal Properties Estimation during in-situ Thermal Response Test. <i>Procedia Engineering</i> , 2015, 121, 726-734.	1.2	5
12	Triggering Optimal Control of Air Conditioning Systems by Event-Driven Mechanism: Comparing Direct and Indirect Approaches. <i>Energies</i> , 2019, 12, 3863.	3.1	5
13	Transient Ground and Grout Parameters Estimation Method for a Ground-Coupled Heat Pump System with Sandbox TRT Reference Data. <i>Procedia Engineering</i> , 2017, 205, 2662-2669.	1.2	3
14	Numerical Calculation and Simulation on Melting and Solidification Time Periods of a Phase Change Material. <i>Advanced Materials Research</i> , 2012, 455-456, 374-381.	0.3	2