

Mustafa Inalli

List of Publications by Citations

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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.

26
papers

2,742
citations

22
h-index

27
g-index

27
ext. papers

3,064
ext. citations

6.6
avg, IF

5.17
L-index

#	Paper	IF	Citations
26	Technoeconomic appraisal of a ground source heat pump system for a heating season in eastern Turkey. <i>Energy Conversion and Management</i> , 2006 , 47, 1281-1297	10.6	396
25	A techno-economic comparison of ground-coupled and air-coupled heat pump system for space cooling. <i>Building and Environment</i> , 2007 , 42, 1955-1965	6.5	358
24	Energy and exergy analysis of a ground-coupled heat pump system with two horizontal ground heat exchangers. <i>Building and Environment</i> , 2007 , 42, 3606-3615	6.5	288
23	Numerical and experimental analysis of a horizontal ground-coupled heat pump system. <i>Building and Environment</i> , 2007 , 42, 1126-1134	6.5	171
22	Performance prediction of a ground-coupled heat pump system using artificial neural networks. <i>Expert Systems With Applications</i> , 2008 , 35, 1940-1948	7.8	170
21	Artificial neural networks and adaptive neuro-fuzzy assessments for ground-coupled heat pump system. <i>Energy and Buildings</i> , 2008 , 40, 1074-1083	7	166
20	Experimental thermal performance evaluation of a horizontal ground-source heat pump system. <i>Applied Thermal Engineering</i> , 2004 , 24, 2219-2232	5.8	139
19	Forecasting of a ground-coupled heat pump performance using neural networks with statistical data weighting pre-processing. <i>International Journal of Thermal Sciences</i> , 2008 , 47, 431-441	4.1	133
18	Impacts of some building passive design parameters on heating demand for a cold region. <i>Building and Environment</i> , 2006 , 41, 1742-1754	6.5	117
17	Modeling a ground-coupled heat pump system by a support vector machine. <i>Renewable Energy</i> , 2008 , 33, 1814-1823	8.1	107
16	Modelling a ground-coupled heat pump system using adaptive neuro-fuzzy inference systems. <i>International Journal of Refrigeration</i> , 2008 , 31, 65-74	3.8	102
15	Predicting performance of a ground-source heat pump system using fuzzy weighted pre-processing-based ANFIS. <i>Building and Environment</i> , 2008 , 43, 2178-2187	6.5	96
14	In-situ thermal response test for ground source heat pump system in Elazığ Turkey. <i>Energy and Buildings</i> , 2009 , 41, 395-401	7	72
13	Thermal and exergy analysis of solar air collectors with passive augmentation techniques. <i>International Communications in Heat and Mass Transfer</i> , 2006 , 33, 1281-1290	5.8	68
12	Temperature distributions in boreholes of a vertical ground-coupled heat pump system. <i>Renewable Energy</i> , 2009 , 34, 2672-2679	8.1	57
11	Thermal and economic comparisons of solar heating systems with seasonal storage used in building heating. <i>Renewable Energy</i> , 2008 , 33, 2532-2539	8.1	57
10	Modelling of a vertical ground coupled heat pump system by using artificial neural networks. <i>Expert Systems With Applications</i> , 2009 , 36, 10229-10238	7.8	49

9	ANN and ANFIS models for performance evaluation of a vertical ground source heat pump system. <i>Expert Systems With Applications</i> , 2010 , 37, 8134-8147	7.8	43
8	Seasonal cooling performance of a ground-coupled heat pump system in a hot and arid climate. <i>Renewable Energy</i> , 2005 , 30, 1411-1424	8.1	36
7	Artificial neural networks and adaptive neuro-fuzzy inference systems approaches to forecast the meteorological data for HVAC: The case of cities for Turkey. <i>Energy</i> , 2018 , 154, 7-16	7.9	31
6	A computational model of a domestic solar heating system with underground spherical thermal storage. <i>Energy</i> , 1997 , 22, 1163-1172	7.9	26
5	Thermal and economical analysis of a central solar heating system with underground seasonal storage in Turkey. <i>Renewable Energy</i> , 2005 , 30, 1005-1019	8.1	25
4	Application of three different methods for determination of optimum insulation thickness in external walls. <i>Environmental Progress and Sustainable Energy</i> , 2011 , 30, 709-719	2.5	16
3	Design parameters for a solar heating system with an underground cylindrical tank. <i>Energy</i> , 1998 , 23, 1015-1027	7.9	15
2	ANN and ANFIS Approaches to Calculate the Heating and Cooling Degree Day Values: The Case of Provinces in Turkey. <i>Arabian Journal for Science and Engineering</i> , 2019 , 44, 7581-7597	2.5	4
1	Finite element analysis for cooling of a vertical composite plate. <i>International Communications in Heat and Mass Transfer</i> , 2000 , 27, 241-251	5.8	