

Konstantinos T Papakostas

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.

14
papers

290
citations

6
h-index

15
g-index

15
ext. papers

328
ext. citations

5.4
avg, IF

3.79
L-index

#	Paper	IF	Citations
14	Impact of the ambient temperature rise on the energy consumption for heating and cooling in residential buildings of Greece. <i>Renewable Energy</i> , 2010 , 35, 1376-1379	8.1	98
13	A comparative review of heating systems in EU countries, based on efficiency and fuel cost. <i>Renewable and Sustainable Energy Reviews</i> , 2018 , 90, 687-699	16.2	83
12	Comparative analysis of various heating systems for residential buildings in Mediterranean climate. <i>Energy and Buildings</i> , 2016 , 124, 79-87	7	35
11	Equivalent full-load hours for estimating heating and cooling energy requirements in buildings: Greece case study. <i>Applied Energy</i> , 2009 , 86, 757-761	10.7	21
10	Estimation of ambient temperature bin data from monthly average temperatures and solar clearness index. Validation of the methodology in two Greek cities. <i>Renewable Energy</i> , 2007 , 32, 991-1005	8.1	16
9	Optimisation of thermal protection in residential buildings using the variable base degree-days method. <i>International Journal of Sustainable Energy</i> , 2005 , 24, 19-31	2.7	16
8	Heat recovery in an air-conditioning system with air-to-air heat exchanger. <i>International Journal of Sustainable Energy</i> , 2015 , 34, 221-231	2.7	6
7	Comparative analysis of air-to-water and ground source heat pumps performances. <i>International Journal of Sustainable Energy</i> , 2021 , 40, 69-84	2.7	6
6	Mapping temperature variation and degree-days in metropolitan areas with publicly available sensors. <i>Urban Climate</i> , 2019 , 28, 100464	6.8	4
5	Estimating Heating and Cooling Degree Days through an Urban Environment Using Publicly Available Sensors. <i>Applied Mechanics and Materials</i> , 2014 , 659, 411-416	0.3	2
4	Simulation of the thermal performance of a hybrid solar-assisted ground-source heat pump system in a school building. <i>International Journal of Sustainable Energy</i> , 2018 , 37, 311-324	2.7	1
3	Energy and economic analysis of an auditorium air conditioning system with heat recovery in various climatic zones. <i>Thermal Science</i> , 2018 , 22, 933-943	1.2	1
2	Ambient air temperature and degree-day data analysis of the period 2006-2017 for Cyprus. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020 , 141, 435-445	4.1	1
1	Bin Weather Data for HVAC Systems Energy Calculations. <i>Energies</i> , 2021 , 14, 3501	3.1	0