Konstantinos T Papakostas

List of Publications by Year in Descending Order

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