

Kevin Hallinan

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

200
citations

1162367

8
h-index

1125271

13
g-index

22
all docs

22
docs citations

22
times ranked

212
citing authors

#	ARTICLE	IF	CITATIONS
1	An Improved Method to Estimate Savings from Thermal Comfort Control in Residences from Smart Wi-Fi Thermostat Data. <i>Clean Technologies</i> , 2022, 4, 395-406.	1.9	1
2	Automated Residential Energy Audits Using a Smart WiFi Thermostat-Enabled Data Mining Approach. <i>Energies</i> , 2021, 14, 2500.	1.6	3
3	A Review of Behavioral Energy Reduction Programs and Implementation of a Pilot Peer-to-Peer Led Behavioral Energy Reduction Program for a Low-Income Neighborhood. <i>Energies</i> , 2021, 14, 4635.	1.6	2
4	Using Smart-WiFi Thermostat Data to Improve Prediction of Residential Energy Consumption and Estimation of Savings. <i>Energies</i> , 2021, 14, 187.	1.6	8
5	Estimating Smart Wi-Fi Thermostat-Enabled Thermal Comfort Control Savings for Any Residence. <i>Clean Technologies</i> , 2021, 3, 743-760.	1.9	5
6	Technology to Address Food Deserts: Low Energy Corner Store Groceries with Integrated Agriculture Greenhouse. <i>Sustainability</i> , 2020, 12, 7565.	1.6	10
7	Hybrid CHP/Geothermal Borehole System for Multi-Family Building in Heating Dominated Climates. <i>Sustainability</i> , 2020, 12, 7772.	1.6	22
8	Self-Learning Algorithm to Predict Indoor Temperature and Cooling Demand from Smart WiFi Thermostat in a Residential Building. <i>Sustainability</i> , 2020, 12, 7110.	1.6	12
9	Low-energy opportunity for multi-family residences: A review and simulation-based study of a solar borehole thermal energy storage system. <i>Energy</i> , 2020, 204, 117870.	4.5	25
10	Machine Learning Modeling of Horizontal Photovoltaics Using Weather and Location Data. <i>Energies</i> , 2020, 13, 2570.	1.6	18
11	Performance Analysis of an Integrated Solar Dehumidification System with HVAC in A Typical Corner Store in the USA. <i>Sustainability</i> , 2020, 12, 4068.	1.6	1
12	Smart Wifi Thermostat-Enabled Thermal Comfort Control in Residences. <i>Sustainability</i> , 2020, 12, 1919.	1.6	19
13	Topology optimized thermoelectric generator: a parametric study. <i>Energy Harvesting and Systems</i> , 2020, 7, 33-53.	1.7	1
14	Large scale residential energy efficiency prioritization enabled by machine learning. <i>Energy Efficiency</i> , 2019, 12, 2055-2078.	1.3	14
15	Development of Compliant Thermoelectric Generators (TEGs) in Aerospace Applications Using Topology Optimization. <i>Energy Harvesting and Systems</i> , 2019, 4, 87-105.	1.7	8
16	Microgrid cost optimization for a mixed-use building. , 2017, , .		18
17	An Arts-Based Instructional Model for Student Creativity in Engineering Design. <i>International Journal of Engineering Pedagogy</i> , 2017, 7, 34.	0.7	6
18	Cost optimization with solar and conventional energy production, energy storage, and real time pricing. , 2014, , .		6

#	ARTICLE	IF	CITATIONS
19	Energy Information Augmented Community-Based Energy Reduction. Sustainability, 2012, 4, 1371-1396.	1.6	5
20	Energy and Waste Reduction Opportunities in Industrial Processes. Strategic Planning for Energy and the Environment, 2001, 21, 40-53.	0.9	9
21	Energy and Waste Reduction Opportunities in Industrial Processes. Strategic Planning for Energy and the Environment, 2001, 21, 40-53.	0.9	7
22	A study of the fundamental operation of a Capillary-driven Heat Transfer device in both normal and low gravity Part 2. Effect of evaporator meniscus oscillations. , 1999, , .		0