

Semen Uimonen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/335906/publications.pdf>

Version: 2024-02-01

23
papers

286
citations

1039406

9
h-index

1058022

14
g-index

23
all docs

23
docs citations

23
times ranked

238
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine Learning Based Integrated Feature Selection Approach for Improved Electricity Demand Forecasting in Decentralized Energy Systems. IEEE Access, 2019, 7, 91463-91475.	2.6	65
2	Optimal Energy Trading for Renewable Energy Integrated Building Microgrids Containing Electric Vehicles and Energy Storage Batteries. IEEE Access, 2019, 7, 106092-106101.	2.6	57
3	Explicit method to predict annual elevator energy consumption in recurring passenger traffic conditions. Journal of Building Engineering, 2016, 8, 179-188.	1.6	22
4	Adaptive Predictor Subset Selection Strategy for Enhanced Forecasting of Distributed PV Power Generation. IEEE Access, 2019, 7, 90652-90665.	2.6	21
5	High-resolution modeling of elevator power consumption. Journal of Building Engineering, 2018, 18, 210-219.	1.6	19
6	Simulation of Electric Vehicle Charging Stations Load Profiles in Office Buildings Based on Occupancy Data. Energies, 2020, 13, 5700.	1.6	19
7	Energy consumption of escalators in low traffic environment. Energy and Buildings, 2016, 125, 287-297.	3.1	16
8	Modeling the aggregated power consumption of elevators – the New York city case study. Applied Energy, 2019, 251, 113356.	5.1	13
9	Impact of daily passenger traffic on energy consumption of intermittent-operating escalators. Energy and Buildings, 2017, 140, 348-358.	3.1	10
10	A study for improving the energy efficiency of lifts with adjustable counterweighting. Building Services Engineering Research and Technology, 2017, 38, 421-435.	0.9	7
11	A machine learning approach to modelling escalator demand response. Engineering Applications of Artificial Intelligence, 2020, 90, 103521.	4.3	7
12	Evaluating and improving the energy efficiency of counterbalanced elevators based on passenger traffic. , 2016, , .		6
13	Modelling the daily energy consumption of escalators with various passenger volumes. , 2016, , .		5
14	Short-term Forecasting of Electricity Consumption in Buildings for Efficient and Optimal Distributed Energy Management. , 2019, , .		5
15	Practices to Improve the Annual Elevator Energy Consumption Estimates and Measurements. International Review on Modelling and Simulations, 2016, 9, 134.	0.2	4
16	Predicting the annual escalator energy consumption based on short-term measurements. Journal of Building Engineering, 2017, 13, 319-325.	1.6	2
17	Evaluating the Applicability of Elevators in Frequency Containment Reserves. , 2018, , .		2
18	Vertical Transportation Demand Response: Cost of Lost Customer Hours. , 2018, , .		2

#	ARTICLE	IF	CITATIONS
19	Potential of aggregated escalator loads in demand response. Electric Power Systems Research, 2019, 175, 105917.	2.1	2
20	Day-ahead Prediction of Building District Heat Demand for Smart Energy Management and Automation in Decentralized Energy Systems. , 2019, , .		1
21	Exploiting Flexibility of Renewable Energy Integrated Buildings for Optimal Day-ahead and Real-time Power Bidding Considering Batteries and EVs as Demand Response Resources. , 2019, , .		1
22	Assessing the Applicability of Vertical Transportation in Power System Inertial Support. , 2018, , .		0
23	Effective Input Dataset Identification Methodology for Accurate Prediction of Local PV Power Production. , 2019, , .		0