Kadir Amasyali

List of Publications by Year in Descending Order

15 papers	760 citations	7 h-index	23 g-index
23 ext. papers	1,108 ext. citations	7.5 avg, IF	5.56 L-index

#	Paper	IF	Citations
15	Hybrid approach for energy consumption prediction: Coupling data-driven and physical approaches. *Energy and Buildings*, **2022**, 259, 111758	7	1
14	Deep Reinforcement Learning for Autonomous Water Heater Control. *Buildings*, **2021**, 11, 548	3.2	1
13	Machine learning for occupant-behavior-sensitive cooling energy consumption prediction in office buildings. *Renewable and Sustainable Energy Reviews*, **2021**, 142, 110714	16.2	24
12	Multi-task deep reinforcement learning for intelligent multi-zone residential HVAC control. *Electric Power Systems Research*, **2021**, 192, 106959	3.5	17
11	Power allocation by load aggregator with heterogeneous loads using weighted projection. *Energy and Buildings*, **2021**, 244, 110955	7	1
10	Real data-driven occupant-behavior optimization for reduced energy consumption and improved comfort. *Applied Energy*, **2021**, 302, 117276	10.7	7
9	A Machine Learning-based Approach to Predict the Aggregate Flexibility of HVAC Systems **2020**,		1
8	A comparison study on trading behavior and profit distribution in local energy transaction games. *Applied Energy*, **2020**, 280, 115941	10.7	10
7	Evaluating the Adaptability of Reinforcement Learning Based HVAC Control for Residential Houses. *Sustainability*, **2020**, 12, 7727	3.6	9
6	Hierarchical Model-Free Transactional Control of Building Loads to Support Grid Services. *IEEE Access*, **2020**, 8, 219367-219377	3.5	7
5	Predicting Energy Consumption of Office Buildings: A Hybrid Machine Learning-Based Approach **2019**, 695-700		2
4	A review of data-driven building energy consumption prediction studies. *Renewable and Sustainable Energy Reviews*, **2018**, 81, 1192-1205	16.2	621
3	Energy-related values and satisfaction levels of residential and office building occupants. *Building and Environment*, **2016**, 95, 251-263	6.5	31
2	Building Lighting Energy Consumption Prediction for Supporting Energy Data Analytics. *Procedia Engineering*, **2016**, 145, 511-517		21
1	Occupants Perceptions about Indoor Environment Comfort and Energy Related Values in Commercial and Residential Buildings. *Procedia Environmental Sciences*, **2016**, 34, 631-640		5