

Muhammad Raisul Alam

List of Publications by Year in Descending Order

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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.

17
papers

623
citations

6
h-index

21
g-index

21
ext. papers

799
ext. citations

4
avg, IF

4.43
L-index

#	Paper	IF	Citations
17	Activities Recognition, Anomaly Detection and Next Activity Prediction Based on Neural Networks in Smart Homes. <i>IEEE Access</i> , 2022 , 10, 28219-28232	3.5	2
16	A Comparison of Sequential Prediction Algorithms in IoT Enabled Smart Environments 2021 ,		1
15	Peer-to-peer energy trading among smart homes. <i>Applied Energy</i> , 2019 , 238, 1434-1443	10.7	107
14	Towards Optimal Planning and Scheduling in Smart Homes. <i>Smart Grid and Renewable Energy</i> , 2019 , 10, 179-202	0.4	0
13	An optimal P2P energy trading model for smart homes in the smart grid. <i>Energy Efficiency</i> , 2017 , 10, 1475-1493	7.4	74
12	A bi-linear optimization model for collaborative energy management in smart grid 2016 ,		1
11	Computational Methods for Residential Energy Cost Optimization in Smart Grids. <i>ACM Computing Surveys</i> , 2016 , 49, 1-34	13.4	17
10	A modular framework for cost optimization in smart grid 2014 ,		2
9	Optimizing residential energy consumption: the need for pareto optimality 2014 ,		1
8	Cost optimization via rescheduling in smart grids A linear programming approach 2013 ,		6
7	A survey on cost saving methods for smart grids 2013 ,		4
6	SPEED: An Inhabitant Activity Prediction Algorithm for Smart Homes. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , 2012 , 42, 985-990		56
5	A Review of Smart Homes Past, Present, and Future. <i>IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews</i> , 2012 , 42, 1190-1203		342
4	A SPATIOTEMPORAL MODEL OF HUMAN CIRCADIAN RHYTHM IN SMART HOMES. <i>Applied Artificial Intelligence</i> , 2011 , 25, 788-798	2.3	1
3	Statistical Modeling of the Resident's Activity Interval in Smart Homes. <i>Journal of Applied Sciences</i> , 2011 , 11, 3058-3061	0.3	3
2	Human activity classification for smart home: A multiagent approach 2010 ,		2
1	Design and implementation of microprocessor based electronic voting system 2008 ,		4

