

Zixiao Shi

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.

12
papers

171
citations

7
h-index

13
g-index

13
ext. papers

258
ext. citations

6.8
avg, IF

3.87
L-index

#	Paper	IF	Citations
12	A Metadata Inference Method for Building Automation Systems With Limited Semantic Information. <i>IEEE Transactions on Automation Science and Engineering</i> , 2020 , 17, 2107-2119	4.9	5
11	Cluster analysis-based anomaly detection in building automation systems. <i>Energy and Buildings</i> , 2020 , 228, 110445	7	7
10	The Building Data Genome Project 2, energy meter data from the ASHRAE Great Energy Predictor III competition. <i>Scientific Data</i> , 2020 , 7, 368	8.2	20
9	Development and implementation of automated fault detection and diagnostics for building systems: A review. <i>Automation in Construction</i> , 2019 , 104, 215-229	9.6	41
8	Development of a clustering-based morning start time estimation algorithm for space heating and cooling 2019 ,		4
7	Evaluation of Clustering and Time Series Features for Point Type Inference in Smart Building Retrofit 2019 ,		4
6	Sequential state prediction and parameter estimation with constrained dual extended Kalman filter for building zone thermal responses. <i>Energy and Buildings</i> , 2019 , 183, 538-546	7	11
5	Building energy model reduction using model-cluster-reduce pipeline. <i>Journal of Building Performance Simulation</i> , 2018 , 11, 553-567	2.8	9
4	Development of Sankey diagrams to visualize real HVAC performance. <i>Energy and Buildings</i> , 2017 , 149, 282-297	7	13
3	Data visualization and analysis of energy flow on a multi-zone building scale. <i>Automation in Construction</i> , 2017 , 84, 258-273	9.6	28
2	Development and implementation of control-oriented models for terminal heating and cooling units. <i>Energy and Buildings</i> , 2016 , 121, 78-91	7	7
1	Visualization of energy and water consumption and GHG emissions: A case study of a Canadian University Campus. <i>Energy and Buildings</i> , 2015 , 109, 334-352	7	22