Shaobo Sun

List of Publications by Year
in descending order

11 papers	383 citations	1051969 10 h-index	1427216 11 g-index
11 all docs	11 docs citations	11 times ranked	285 citing authors

#	Article	IF	Citations
1	Flow measurement uncertainty quantification for building central cooling systems with multiple water-cooled chillers using a Bayesian approach. Applied Thermal Engineering, 2022, 202, 117857.	3.0	13
2	An online robust sequencing control strategy for identical chillers using a probabilistic approach concerning flow measurement uncertainties. Applied Energy, 2022, 317, 119198.	5.1	8
3	Impacts of technology-guided occupant behavior on air-conditioning system control and building energy use. Building Simulation, 2021, 14, 209-217.	3.0	34
4	Data-driven sensitivity analysis and electricity consumption prediction for water source heat pump system using limited information. Building Simulation, 2021, 14, 1005-1016.	3.0	11
5	An expert rule-based fault diagnosis strategy for variable refrigerant flow air conditioning systems. Applied Thermal Engineering, 2019, 149, 1223-1235.	3.0	55
6	Energy consumption prediction for water-source heat pump system using pattern recognition-based algorithms. Applied Thermal Engineering, 2018, 136, 755-766.	3.0	27
7	An efficient VRF system fault diagnosis strategy for refrigerant charge amount based on PCA and dual neural network model. Applied Thermal Engineering, 2018, 129, 1252-1262.	3.0	38
8	Optimization of support vector regression model based on outlier detection methods for predicting electricity consumption of a public building WSHP system. Energy and Buildings, 2017, 151, 35-44.	3.1	30
9	Data partitioning and association mining for identifying VRF energy consumption patterns under various part loads and refrigerant charge conditions. Applied Energy, 2017, 185, 846-861.	5.1	76
10	Optimized neural network-based fault diagnosis strategy for VRF system in heating mode using data mining. Applied Thermal Engineering, 2017, 125, 1402-1413.	3.0	56
11	A hybrid ICA-BPNN-based FDD strategy for refrigerant charge faults in variable refrigerant flow system. Applied Thermal Engineering, 2017, 127, 718-728.	3.0	35