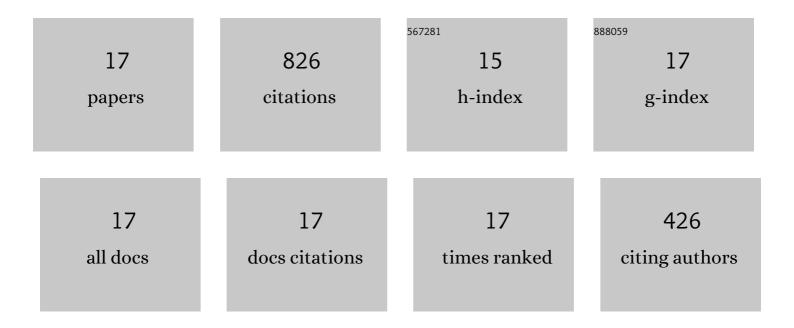
## Hua Han

## List of Publications by Year in descending order

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Ηιια Ηανι

#	Article	IF	CITATIONS
1	Least squares support vector machine (LS-SVM)-based chiller fault diagnosis using fault indicative features. Applied Thermal Engineering, 2019, 154, 540-547.	6.0	128
2	A comparative study of the behavior of working fluids and their properties on the performance of pulsating heat pipes (PHP). International Journal of Thermal Sciences, 2014, 82, 138-147.	4.9	88
3	PCA-SVM-Based Automated Fault Detection and Diagnosis (AFDD) for Vapor-Compression Refrigeration Systems. HVAC and R Research, 2010, 16, 295-313.	0.6	85
4	Automated FDD of multiple-simultaneous faults (MSF) and the application to building chillers. Energy and Buildings, 2011, 43, 2524-2532.	6.7	70
5	The study on the difference of the start-up and heat-transfer performance of the pulsating heat pipe with waterâ^'acetone mixtures. International Journal of Heat and Mass Transfer, 2014, 77, 834-842.	4.8	68
6	A study of the heat transfer performance of a pulsating heat pipe with ethanol-based mixtures. Applied Thermal Engineering, 2016, 102, 1219-1227.	6.0	67
7	Chiller fault diagnosis with field sensors using the technology of imbalanced data. Applied Thermal Engineering, 2019, 159, 113933.	6.0	60
8	Novel application of multi-model ensemble learning for fault diagnosis in refrigeration systems. Applied Thermal Engineering, 2020, 164, 114516.	6.0	55
9	Ensemble learning with member optimization for fault diagnosis of a building energy system. Energy and Buildings, 2020, 226, 110351.	6.7	54
10	Novel chiller fault diagnosis using deep neural network (DNN) with simulated annealing (SA). International Journal of Refrigeration, 2021, 121, 269-278.	3.4	38
11	Experimental study on a closed-loop pulsating heat pipe (CLPHP) charged with water-based binary zeotropes and the corresponding pure fluids. Energy, 2016, 109, 724-736.	8.8	34
12	Comparative study of probabilistic neural network and back propagation network for fault diagnosis of refrigeration systems. Science and Technology for the Built Environment, 2018, 24, 448-457.	1.7	23
13	Fault diagnosis for building chillers based on data self-production and deep convolutional neural network. Journal of Building Engineering, 2021, 34, 102043.	3.4	18
14	Chiller fault detection and diagnosis by knowledge transfer based on adaptive imbalanced processing. Science and Technology for the Built Environment, 2020, 26, 1082-1099.	1.7	16
15	Knowledge mining for chiller faults based on explanation of data-driven diagnosis. Applied Thermal Engineering, 2022, 205, 118032.	6.0	16
16	Application of PSO-LSSVM and hybrid programming to fault diagnosis of refrigeration systems. Science and Technology for the Built Environment, 2021, 27, 592-607.	1.7	4
17	A feature importance ranking based fault diagnosis method for variable-speed screw chiller. Science and Technology for the Built Environment, 2022, 28, 137-151.	1.7	2