# Hua Han

List of Publications by Year
in descending order



| 17 | 826 | 567281 15 | 888059 17 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 17 | 17 | 17 | 426 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | 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 |
| 2 | Knowledge mining for chiller faults based on explanation of data-driven diagnosis. Applied Thermal Engineering, 2022, 205, 118032. | 6.0 | 16 |
| 3 | 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 |
| 4 | 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 |
| 5 | Novel chiller fault diagnosis using deep neural network (DNN) with simulated annealing (SA). International Journal of Refrigeration, 2021, 121, 269-278. | 3.4 | 38 |
| 6 | Novel application of multi-model ensemble learning for fault diagnosis in refrigeration systems. Applied Thermal Engineering, 2020, 164, 114516. | 6.0 | 55 |
| 7 | Ensemble learning with member optimization for fault diagnosis of a building energy system. Energy and Buildings, 2020, 226, 110351. | 6.7 | 54 |
| 8 | 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 |
| 9 | Chiller fault diagnosis with field sensors using the technology of imbalanced data. Applied Thermal Engineering, 2019, 159, 113933. | 6.0 | 60 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | Automated FDD of multiple-simultaneous faults (MSF) and the application to building chillers. Energy and Buildings, 2011, 43, 2524-2532. | 6.7 | 70 |
| 17 | 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 |