

Xiaoyuan Zhang

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.

15
papers

854
citations

10
h-index

16
g-index

16
ext. papers

1,023
ext. citations

5
avg, IF

4.68
L-index

#	Paper	IF	Citations
15	Health status assessment and prediction for pumped storage units using a novel health degradation index. <i>Mechanical Systems and Signal Processing</i> , 2022 , 171, 108910	7.8	0
14	A novel fault diagnosis procedure based on improved symplectic geometry mode decomposition and optimized SVM. <i>Measurement: Journal of the International Measurement Confederation</i> , 2021 , 173, 108644	4.6	16
13	Ensemble extreme learning machines for compound-fault diagnosis of rotating machinery. <i>Knowledge-Based Systems</i> , 2020 , 188, 105012	7.3	28
12	Study on novel signal processing and simultaneous-fault diagnostic method for wind turbine. <i>Transactions of the Institute of Measurement and Control</i> , 2019 , 41, 4100-4113	1.8	2
11	Blind Parameter Identification of MAR Model and Mutation Hybrid GWO-SCA Optimized SVM for Fault Diagnosis of Rotating Machinery. <i>Complexity</i> , 2019 , 2019, 1-17	1.6	37
10	Ensuring profitability of retailers via Shapley Value based demand response. <i>International Journal of Electrical Power and Energy Systems</i> , 2019 , 108, 72-85	5.1	14
9	Compound feature selection and parameter optimization of ELM for fault diagnosis of rolling element bearings. <i>ISA Transactions</i> , 2016 , 65, 556-566	5.5	73
8	A novel bearing fault diagnosis model integrated permutation entropy, ensemble empirical mode decomposition and optimized SVM. <i>Measurement: Journal of the International Measurement Confederation</i> , 2015 , 69, 164-179	4.6	357
7	Support vector machine with parameter optimization by a novel hybrid method and its application to fault diagnosis. <i>Neurocomputing</i> , 2015 , 149, 641-651	5.4	62
6	Kernel K-means clustering optimized by bare bones differential evolution algorithm 2014 ,		1
5	Multi-fault diagnosis for rolling element bearings based on ensemble empirical mode decomposition and optimized support vector machines. <i>Mechanical Systems and Signal Processing</i> , 2013 , 41, 127-140	7.8	197
4	Vibrant fault diagnosis for hydroelectric generator units with a new combination of rough sets and support vector machine. <i>Expert Systems With Applications</i> , 2012 , 39, 2621-2628	7.8	43
3	Multi-class support vector machine optimized by inter-cluster distance and self-adaptive differential evolution. <i>Applied Mathematics and Computation</i> , 2012 , 218, 4973-4987	2.7	21
2	Support vector machine with parameter optimization by bare bones differential evolution 2011 ,		2
1	Vibration fault diagnosis of hydro-turbine generating unit based on rough 1-v-1 multiclass support vector machine 2010 ,		1