

Wu Deng

List of Publications by Year in descending order

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46
papers

4,155
citations

293460

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46
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docs citations

46
times ranked

3082
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel Gate Resource Allocation Method Using Improved PSO-Based QEA. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 1737-1745.	4.7	239
2	An Enhanced MSIQDE Algorithm With Novel Multiple Strategies for Global Optimization Problems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1578-1587.	5.9	275
3	Bearing fault diagnosis using transfer learning and optimized deep belief network. Measurement Science and Technology, 2022, 33, 065009.	1.4	56
4	Compound Fault Diagnosis Using Optimized MCKD and Sparse Representation for Rolling Bearings. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-9.	2.4	86
5	Fractional-Order Controller for Course-Keeping of Underactuated Surface Vessels Based on Frequency Domain Specification and Improved Particle Swarm Optimization Algorithm. Applied Sciences (Switzerland), 2022, 12, 3139.	1.3	70
6	A Novel Image Recognition Method Based on DenseNet and DPRN. Applied Sciences (Switzerland), 2022, 12, 4232.	1.3	6
7	Fractional-Order $P\lambda D^{1/4}$ Controller Using Adaptive Neural Fuzzy Model for Course Control of Underactuated Ships. Applied Sciences (Switzerland), 2022, 12, 5604.	1.3	3
8	Feature Extraction Using Parameterized Multisynchrosqueezing Transform. IEEE Sensors Journal, 2022, 22, 14263-14272.	2.4	56
9	Differential evolution algorithm with wavelet basis function and optimal mutation strategy for complex optimization problem. Applied Soft Computing Journal, 2021, 100, 106724.	4.1	197
10	MPPCEDE: Multi-population parallel co-evolutionary differential evolution for parameter optimization. Energy Conversion and Management, 2021, 228, 113661.	4.4	88
11	A Novel Advancing Signal Processing Method Based on Coupled Multi-Stable Stochastic Resonance for Fault Detection. Applied Sciences (Switzerland), 2021, 11, 5385.	1.3	95
12	A Novel Fault Feature Extraction Method for Bearing Rolling Elements Using Optimized Signal Processing Method. Applied Sciences (Switzerland), 2021, 11, 9095.	1.3	3
13	Feature Extraction for Data-Driven Remaining Useful Life Prediction of Rolling Bearings. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-10.	2.4	70
14	Fault Diagnosis Using Cascaded Adaptive Second-Order Tristable Stochastic Resonance and Empirical Mode Decomposition. Applied Sciences (Switzerland), 2021, 11, 11480.	1.3	12
15	Performance Prediction Using High-Order Differential Mathematical Morphology Gradient Spectrum Entropy and Extreme Learning Machine. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 4165-4172.	2.4	147
16	A Novel Broad Learning Model-Based Semi-Supervised Image Classification Method. IEEE Access, 2020, 8, 116756-116765.	2.6	7
17	An Improved Quantum-Inspired Differential Evolution Algorithm for Deep Belief Network. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 7319-7327.	2.4	333
18	Semi-Supervised Broad Learning System Based on Manifold Regularization and Broad Network. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 983-994.	3.5	175

#	ARTICLE	IF	CITATIONS
19	A Novel Route Planning Method of Fixed-Wing Unmanned Aerial Vehicle Based on Improved QPSO. IEEE Access, 2020, 8, 65071-65084.	2.6	9
20	Fault Diagnosis Method Based on Principal Component Analysis and Broad Learning System. IEEE Access, 2019, 7, 99263-99272.	2.6	165
21	An Infection Graph Model for Reasoning of Multiple Faults in Software. IEEE Access, 2019, 7, 77116-77133.	2.6	1
22	An Improved Ant Colony Optimization Algorithm Based on Hybrid Strategies for Scheduling Problem. IEEE Access, 2019, 7, 20281-20292.	2.6	448
23	A novel intelligent diagnosis method using optimal LS-SVM with improved PSO algorithm. Soft Computing, 2019, 23, 2445-2462.	2.1	350
24	A Novel Fault Diagnosis Method Based on Integrating Empirical Wavelet Transform and Fuzzy Entropy for Motor Bearing. IEEE Access, 2018, 6, 35042-35056.	2.6	234
25	Study on an improved adaptive PSO algorithm for solving multi-objective gate assignment. Applied Soft Computing Journal, 2017, 59, 288-302.	4.1	328
26	A New Feature Extraction Method Based on EEMD and Multi-Scale Fuzzy Entropy for Motor Bearing. Entropy, 2017, 19, 14.	1.1	174
27	A Fault Feature Extraction Method for Motor Bearing and Transmission Analysis. Symmetry, 2017, 9, 60.	1.1	8
28	Research on a vibration signal analysis method for motor bearing. Optik, 2016, 127, 10014-10023.	1.4	7
29	An improved self-adaptive differential evolution algorithm and its application. Chemometrics and Intelligent Laboratory Systems, 2013, 128, 66-76.	1.8	43
30	Fatigue behaviors prediction method of welded joints based on soft computing methods. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2013, 559, 574-582.	2.6	13
31	An efficient tabu search algorithm for the distributed permutation flowshop scheduling problem. International Journal of Production Research, 2013, 51, 641-651.	4.9	178
32	A novel fault analysis and diagnosis method based on combining computational intelligence methods. Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 2013, 227, 198-210.	1.4	5
33	An efficient fusion approach to rule extraction based on rough set theory and particle swarm optimization and its application. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2012, 226, 904-913.	0.7	1
34	A novel two-stage hybrid swarm intelligence optimization algorithm and application. Soft Computing, 2012, 16, 1707-1722.	2.1	151
35	Research on Application Information System Integration Platform in Medicine Manufacturing Enterprise. Journal of Medical Systems, 2012, 36, 2289-2295.	2.2	7
36	A novel parallel hybrid intelligence optimization algorithm for a function approximation problem. Computers and Mathematics With Applications, 2012, 63, 325-336.	1.4	49

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37	A novel hybrid optimization algorithm of computational intelligence techniques for highway passenger volume prediction. <i>Expert Systems With Applications</i> , 2011, 38, 4198-4205.	4.4	43
38	Knowledge Model Building about a Motor Speed Regulation Fuzzy Control System. <i>Lecture Notes in Electrical Engineering</i> , 2011, , 299-306.	0.3	0
39	Automation testing process modeling method of SOA-based isomeric software. , 2009, , .		0
40	Flexible Application System Integration Based on Agent-Enabled SOA in the Industrial Field. , 2009, , .		1
41	A Model of Distributed Interprocess Communication System. , 2009, , .		3
42	Research on Case Retrieval Method in the Conceptual Design Based on Rough Set. , 2008, , .		1
43	Study on EAI Based on Web Services and SOA. , 2008, , .		15
44	Research on Case Representation and Case Retrieval Algorithm for Stamping Die. , 2008, , .		2
45	Dynamic Information Platform for Intelligent Transportation System. , 2007, , 302.		1
46	Bearing fault diagnosis using transfer learning and optimized deep belief network. <i>Measurement Science and Technology</i> , 0, , .	1.4	0