Chunguo Wu

List of Publications by Year
in descending order

42 papers	1,123 citations	933264 10 h-index	454834 30 g-index
42 all docs	42 docs citations	42 times ranked	1240 citing authors

#	Article	IF	Citations
1	PROPER ORTHOGONAL DECOMPOSITION AND ITS APPLICATIONSâ€"PART I: THEORY. Journal of Sound and Vibration, 2002, 252, 527-544.	2.1	575
2	Particle swarm optimization based on dimensional learning strategy. Swarm and Evolutionary Computation, 2019, 45, 33-51.	4.5	155
3	Cooperative Deep Q-Learning With Q-Value Transfer for Multi-Intersection Signal Control. IEEE Access, 2019, 7, 40797-40809.	2.6	88
4	Solving traveling salesman problems using generalized chromosome genetic algorithm. Progress in Natural Science: Materials International, 2008, 18, 887-892.	1.8	57
5	Non-Parametric Change-Point Method for Differential Gene Expression Detection. PLoS ONE, 2011, 6, e20060.	1.1	28
6	Globally-optimal prediction-based adaptive mutation particle swarm optimization. Information Sciences, 2017, 418-419, 186-217.	4.0	28
7	Generalized chromosome genetic algorithm for generalized traveling salesman problems and its applications for machining. Physical Review E, 2004, 70, 016701.	0.8	23
8	Methods for labeling error detection in microarrays based on the effect of data perturbation on the regression model. Bioinformatics, 2009, 25, 2708-2714.	1.8	23
9	Improved Bacterial Foraging Algorithms and Their Applications to Job Shop Scheduling Problems. Lecture Notes in Computer Science, 2007, , 562-569.	1.0	16
10	Self-adaptive SVDD integrated with AP clustering for one-class classification. Pattern Recognition Letters, 2016, 84, 232-238.	2.6	15
11	Hybrid Chromosome Genetic Algorithm for Generalized Traveling Salesman Problems. Lecture Notes in Computer Science, 2005, , 137-140.	1.0	10
12	An Efficient Genetic Algorithm for Optimization Problems with Time-Consuming Fitness Evaluation. International Journal of Computational Methods, 2015, 12, 1350106.	0.8	10
13	Boost particle swarm optimization with fitness estimation. Natural Computing, 2019, 18, 229-247.	1.8	8
14	Multi-category Classification by Least Squares Support Vector Regression. Lecture Notes in Computer Science, 2005, , 863-868.	1.0	7
15	Hierarchical Solving Method for Large Scale TSP Problems. Lecture Notes in Computer Science, 2014, , 252-261.	1.0	7
16	A POD-Based Center Selection for RBF Neural Network in Time Series Prediction Problems. Lecture Notes in Computer Science, 2007, , 189-198.	1.0	7
17	Adaptive and iterative least squares support vector regression based on quadratic Renyi entropy. , 2008, , .		5
18	Data Preprocessing in SVM-Based Keywords Extraction from Scientific Documents. , 2009, , .		5

#	Article	IF	Citations
19	Global prediction-based adaptive mutation particle swarm optimization. , 2014, , .		5
20	Surprisingly Popular Algorithm-Based Comprehensive Adaptive Topology Learning PSO. , 2019, , .		5
21	A robust fuzzy rule based integrative feature selection strategy for gene expression data in TCGA. BMC Medical Genomics, 2019, 12, 14.	0.7	5
22	Medicine Composition Analysis Based on PCA and SVM. Lecture Notes in Computer Science, 2005, , 1226-1230.	1.0	5
23	Study on optimization of agent initial positions in land combat simulation*. Progress in Natural Science: Materials International, 2004, 14, 257-261.	1.8	4
24	Understanding the commonalities and differences in genomic organizations across closely related bacteria from an energy perspective. Science China Life Sciences, 2014, 57, 1121-1130.	2.3	4
25	A Novel Iterative Velocity Control Algorithm and Its FPGA Implementation Based on Trigonometric Function. Chinese Journal of Electronics, 2019, 28, 237-245.	0.7	4
26	Solving constrained traveling salesman problems by genetic algorithms*. Progress in Natural Science: Materials International, 2004, 14, 631-637.	1.8	3
27	A study on SVM with feature selection for fault diagnosis of power systems. , 2010, , .		3
28	A Modified Integer-Coding Genetic Algorithm for Job Shop Scheduling Problem. Lecture Notes in Computer Science, 2004, , 373-380.	1.0	3
29	Genetic algorithm with affinity propagation. , 2010, , .		2
30	Spring: A Method for Identifying Differentially Expressed Genes in Microarray Data. Biotechnology and Biotechnological Equipment, 2013, 27, 4150-4156.	0.5	2
31	A Chinese Topic Crawler Focused on Customer Development. Procedia CIRP, 2016, 56, 476-480.	1.0	2
32	A Selective Ensemble Learning Framework for ECG-Based Heartbeat Classification with Imbalanced Data. , 2018, , .		2
33	Cooperative differential evolution framework with utility-based adaptive grouping for large-scale optimization. Advances in Mechanical Engineering, 2019, 11, 168781401983416.	0.8	2
34	A computational-intelligence-based optimization of agents' initial positions in land combat simulation *. Progress in Natural Science: Materials International, 2003, 13, 620-625.	1.8	1
35	Estimate of error bounds in the improved support vector regression*. Progress in Natural Science: Materials International, 2004, 14, 362-364.	1.8	1
36	Mean, median and tri-mean based statistical detection methods for differential gene expression in microarray data. , 2010, , .		1

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37	Tri-mean-based statistical differential gene expression detection. International Journal of Data Mining and Bioinformatics, 2012, 6, 255.	0.1	1
38	Amino acid environment affinity model based on graph attention network. Journal of Bioinformatics and Computational Biology, 2022, 20, 2150032.	0.3	1
39	Gene Expression Regulation in E-Cell Model Analog-Cell. , 2010, , .		0
40	A Novel Method for Analysing the Population Dynamic Behavior of Particle Swarm Optimization. , 2017, , .		0
41	A computational-intelligence-based optimization of agents' initial positions in land combat simulation. Progress in Natural Science: Materials International, 2003, 13, 620.	1.8	0
42	Equivalence of Classification and Regression Under Support Vector Machine Theory. Lecture Notes in Computer Science, 2005, , 1257-1260.	1.0	0