Xi-Zhao Wang

List of Publications by Year
in descending order

288 papers	8,295 citations	47006 47 h-index	56724 83 g-index
294 all docs	294 docs citations	294 times ranked	5913 citing authors

#	Article	IF	Citations
1	A Segmented Variable-Parameter ZNN for Dynamic Quadratic Minimization With Improved Convergence and Robustness. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 2413-2424.	11.3	2
2	Adversarial Learning With Cost-Sensitive Classes. IEEE Transactions on Cybernetics, 2023, 53, 4855-4866.	9.5	3
3	Interval Dominance-Based Feature Selection for Interval-Valued Ordered Data. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 6898-6912.	11.3	33
4	A review of artificial fish swarm algorithms: recent advances and applications. Artificial Intelligence Review, 2023, 56, 1867-1903.	15.7	29
5	Fuzzy Monotonic K-Nearest Neighbor Versus Monotonic Fuzzy K-Nearest Neighbor. IEEE Transactions on Fuzzy Systems, 2022, 30, 3501-3513.	9.8	5
6	Multi-Instance Ensemble Learning With Discriminative Bags. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 5456-5467.	9.3	12
7	Handling missing data through deep convolutional neural network. Information Sciences, 2022, 595, 278-293.	6.9	19
8	Fuzziness based semi-supervised multimodal learning for patient's activity recognition using RGBDT videos. Applied Soft Computing Journal, 2022, 120, 108655.	7.2	16
9	Towards improving fast adversarial training in multi-exit network. Neural Networks, 2022, 150, 1-11.	5.9	4
10	A survey on epistemic (model) uncertainty in supervised learning: Recent advances and applications. Neurocomputing, 2022, 489, 449-465.	5.9	18
11	Cost-Sensitive Active Learning for Incomplete Data. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, , 1-12.	9.3	1
12	Knowledge graph embedding with self adaptive double-limited loss. Knowledge-Based Systems, 2022, 252, 109310.	7.1	5
13	MRGAT: Multi-Relational Graph Attention Network for knowledge graph completion. Neural Networks, 2022, 154, 234-245.	5.9	17
14	Joint Optimization for Pairwise Constraint Propagation. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 3168-3180.	11.3	6
15	AdvKin: Adversarial Convolutional Network for Kinship Verification. IEEE Transactions on Cybernetics, 2021, 51, 5883-5896.	9.5	30
16	Group theory-based optimization algorithm for solving knapsack problems. Knowledge-Based Systems, 2021, 219, 104445.	7.1	28
17	Positive and Negative Label-Driven Nonnegative Matrix Factorization. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 2698-2710.	8.3	15
18	Active k-labelsets ensemble for multi-label classification. Pattern Recognition, 2021, 109, 107583.	8.1	46

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19	Fast Supervised Topic Models for Short Text Emotion Detection. IEEE Transactions on Cybernetics, 2021, 51, 815-828.	9.5	26
20	Set Theory-Based Operator Design in Evolutionary Algorithms for Solving Knapsack Problems. IEEE Transactions on Evolutionary Computation, 2021, 25, 1133-1147.	10.0	5
21	An Accelerator for Rule Induction in Fuzzy Rough Theory. IEEE Transactions on Fuzzy Systems, 2021, 29, 3635-3649.	9.8	9
22	A study on the uncertainty of convolutional layers in deep neural networks. International Journal of Machine Learning and Cybernetics, 2021, 12, 1853-1865.	3.6	3
23	Bayesian network based label correlation analysis for multi-label classifier chain. Information Sciences, 2021, 554, 256-275.	6.9	26
24	Missing value imputation through shorter interval selection driven by Fuzzy C-Means clustering. Computers and Electrical Engineering, 2021, 93, 107230.	4.8	21
25	Dual VAEGAN: A generative model for generalized zero-shot learning. Applied Soft Computing Journal, 2021, 107, 107352.	7.2	28
26	An Adversarial sample defense method based on multi-scale GAN. International Journal of Machine Learning and Cybernetics, 2021, 12, 3437-3447.	3.6	3
27	Bidirectional stochastic configuration network for regression problems. Neural Networks, 2021, 140, 237-246.	5.9	35
28	An improved group theory-based optimization algorithm for discounted 0-1 knapsack problem. Advances in Computational Intelligence, 2021, 1, 1.	1.1	5
29	A semisupervised learning model based on fuzzy min–max neural networks for data classification. Applied Soft Computing Journal, 2021, 112, 107856.	7.2	7
30	Class imbalance learning using fuzzy ART and intuitionistic fuzzy twin support vector machines. Information Sciences, 2021, 578, 659-682.	6.9	28
31	An Object-Induced Fuzzy Three-Way Concept Lattice Analysis Based on Two Thresholds. , 2021, , .		0
32	Applying Exponential Family Distribution to Generalized Extreme Learning Machine. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 1794-1804.	9.3	4
33	Random Orthogonal Projection Based Enhanced Bidirectional Extreme Learning Machine. Proceedings in Adaptation, Learning and Optimization, 2020, , 1-10.	1.6	3
34	Bibliometric analysis of support vector machines research trend: a case study in China. International Journal of Machine Learning and Cybernetics, 2020, 11, 715-728.	3.6	66
35	Jointly Sparse Locality Regression for Image Feature Extraction. IEEE Transactions on Multimedia, 2020, 22, 2873-2888.	7.2	4
36	Improved similarity coefficient and clustering algorithm for cell formation in cellular manufacturing systems. Engineering Optimization, 2020, 52, 1923-1939.	2.6	8

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37	Knowledge reduction methods of covering approximate spaces based on concept lattice. Knowledge-Based Systems, 2020, 191, 105269.	7.1	19
38	Discernibility matrix based incremental feature selection on fused decision tables. International Journal of Approximate Reasoning, 2020, 118, 1-26.	3.3	30
39	A Biologically Inspired Feature Enhancement Framework for Zero-Shot Learning. , 2020, , .		5
40	An analysis on the relationship between uncertainty and misclassification rate of classifiers. Information Sciences, 2020, 535, 16-27.	6.9	8
41	Deep joint neural model for single image haze removal and color correction. Information Sciences, 2020, 541, 16-35.	6.9	9
42	TOPSIS-WAA method based on a covering-based fuzzy rough set: An application to rating problem. Information Sciences, 2020, 539, 397-421.	6.9	61
43	Recent advances in deep learning. International Journal of Machine Learning and Cybernetics, 2020, 11, 747-750.	3.6	151
44	A bibliometric analysis on deep learning during 2007–2019. International Journal of Machine Learning and Cybernetics, 2020, 11, 2807-2826.	3.6	39
45	A study on the relationship between the rank of input data and the performance of random weight neural network. Neural Computing and Applications, 2020, 32, 12685-12696.	5.6	22
46	A novel dataset-specific feature extractor for zero-shot learning. Neurocomputing, 2020, 391, 74-82.	5.9	12
47	New advances in three-way decision, granular computing and concept lattice. International Journal of Machine Learning and Cybernetics, 2020, 11, 945-946.	3.6	19
48	Feature selection based on improved binary global harmony search for data classification. Applied Soft Computing Journal, 2020, 93, 106402.	7.2	39
49	Incremental feature selection based on fuzzy rough sets. Information Sciences, 2020, 536, 185-204.	6.9	49
50	A Hierarchical-Tree-Based Method for Generative Zero-Shot Learning. Lecture Notes in Computer Science, 2020, , 352-364.	1.3	0
51	Spectral Clustering of Customer Transaction Data With a Two-Level Subspace Weighting Method. IEEE Transactions on Cybernetics, 2019, 49, 3230-3241.	9.5	25
52	An overview of probabilistic-based expressions for qualitative decision-making: techniques, comparisons and developments. International Journal of Machine Learning and Cybernetics, 2019, 10, 1513-1528.	3.6	39
53	Incremental Hash-Bit Learning for Semantic Image Retrieval in Nonstationary Environments. IEEE Transactions on Cybernetics, 2019, 49, 3844-3858.	9.5	14
54	Cost-Sensitive Weighting and Imbalance-Reversed Bagging for Streaming Imbalanced and Concept Drifting in Electricity Pricing Classification. IEEE Transactions on Industrial Informatics, 2019, 15, 1588-1597.	11.3	42

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55	An off-center technique: Learning a feature transformation to improve the performance of clustering and classification. Information Sciences, 2019, 503, 635-651.	6.9	7
56	PARA: A positive-region based attribute reduction accelerator. Information Sciences, 2019, 503, 533-550.	6.9	30
57	Editorial: Affective and sentimental computing. International Journal of Machine Learning and Cybernetics, 2019, 10, 2043-2044.	3.6	1
58	An Initial Study on the Relationship Between Meta Features of Dataset and the Initialization of NNRW. , 2019, , .		15
59	Intuitionistic Fuzzy Twin Support Vector Machines. IEEE Transactions on Fuzzy Systems, 2019, 27, 2140-2151.	9.8	91
60	Impact of Fuzziness Measures on the Performance of Semi-supervised Learning. International Journal of Fuzzy Systems, 2019, 21, 1430-1442.	4.0	22
61	An improved fuzzy ARTMAP and Q-learning agent model for pattern classification. Neurocomputing, 2019, 359, 139-152.	5.9	19
62	Seemingly unrelated extreme learning machine. Neurocomputing, 2019, 355, 134-142.	5.9	5
63	Sensitivity analysis on initial classifier accuracy in fuzziness based semi-supervised learning. Information Sciences, 2019, 490, 93-112.	6.9	36
64	A Novel Parallel Biclustering Approach and Its Application to Identify and Segment Highly Profitable Telecom Customers. IEEE Access, 2019, 7, 28696-28711.	4.2	8
65	Ring Theory-Based Evolutionary Algorithm and its application to D{0-1} KP. Applied Soft Computing Journal, 2019, 77, 714-722.	7.2	18
66	Fusion of Multi-RSMOTE With Fuzzy Integral to Classify Bug Reports With an Imbalanced Distribution. IEEE Transactions on Fuzzy Systems, 2019, 27, 2406-2420.	9.8	71
67	Multi-Label Active Learning Driven by Uncertainty and Inconsistency. , 2019, , .		2
68	A Multi-resident Activity Recognition Approach based on Frequent Itemset Mining Features. , 2019, , .		3
69	mBSO: A Multi-Population Brain Storm Optimization for Multimodal Dynamic Optimization Problems. , 2019, , .		6
70	Feature Selection for Data Classification based on Binary Brain Storm Optimization. , 2019, , .		2
71	Joint Optimization of Energy Consumption and Latency in Mobile Edge Computing for Internet of Things. IEEE Internet of Things Journal, 2019, 6, 4791-4803.	8.7	96
72	iMCRec: A multi-criteria framework for personalized point-of-interest recommendations. Information Sciences, 2019, 483, 294-312.	6.9	21

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73	A hybrid model of fuzzy min–max and brain storm optimization for feature selection and data classification. Neurocomputing, 2019, 333, 440-451.	5.9	48
74	A bibliometric overview of International Journal of Machine Learning and Cybernetics between 2010 and 2017. International Journal of Machine Learning and Cybernetics, 2019, 10, 2375-2387.	3.6	19
75	Improved bidirectional extreme learning machine based on enhanced random search. Memetic Computing, 2019, 11, 19-26.	4.0	23
76	Multi-criteria decision making based architecture selection for single-hidden layer feedforward neural networks. International Journal of Machine Learning and Cybernetics, 2019, 10, 655-666.	3.6	6
77	Sparse Bayesian Learning-Based Kernel Poisson Regression. IEEE Transactions on Cybernetics, 2019, 49, 56-68.	9.5	12
78	Noniterative Deep Learning: Incorporating Restricted Boltzmann Machine Into Multilayer Random Weight Neural Networks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1299-1308.	9.3	54
79	TaxiRec: Recommending Road Clusters to Taxi Drivers Using Ranking-Based Extreme Learning Machines. IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 585-598.	5.7	44
80	Discovering the impact of hidden layer parameters on non-iterative training of feed-forward neural networks. Soft Computing, 2018, 22, 3495-3506.	3.6	0
81	Non-iterative approaches in training feed-forward neural networks and their applications. Soft Computing, 2018, 22, 3473-3476.	3.6	42
82	Multi‐image matching for object recognition. IET Computer Vision, 2018, 12, 350-356.	2.0	6
83	Discovering the Relationship Between Generalization and Uncertainty by Incorporating Complexity of Classification. IEEE Transactions on Cybernetics, 2018, 48, 703-715.	9.5	91
84	A novel binary artificial bee colony algorithm for the set-union knapsack problem. Future Generation Computer Systems, 2018, 78, 77-86.	7.5	83
85	Incremental Perspective for Feature Selection Based on Fuzzy Rough Sets. IEEE Transactions on Fuzzy Systems, 2018, 26, 1257-1273.	9.8	92
86	Bagging–boosting-based semi-supervised multi-hashing with query-adaptive re-ranking. Neurocomputing, 2018, 275, 916-923.	5.9	22
87	A review on neural networks with random weights. Neurocomputing, 2018, 275, 278-287.	5.9	360
88	A deep stochastic weight assignment network and its application to chess playing. Journal of Parallel and Distributed Computing, 2018, 117, 205-211.	4.1	11
89	Face Liveness Detection Using a Flash Against 2D Spoofing Attack. IEEE Transactions on Information Forensics and Security, 2018, 13, 521-534.	6.9	51
90	A New Type-2 Intuitionistic Exponential Triangular Fuzzy Number and Its Ranking Method with Centroid Concept and Euclidean Distance. , 2018, , .		4

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91	Mutual Information Based K-Labelsets Ensemble for Multi-Label Classification. , 2018, , .		3
92	Weight Learning in Weighted ELM Classification Model Based on Genetic Algorithms. , 2018, , .		1
93	Three-way decisions, concept lattice and granular computing:ÂEditorial. International Journal of Machine Learning and Cybernetics, 2018, 9, 1765-1766.	3.6	12
94	Tolerance rough fuzzy decision tree. Information Sciences, 2018, 465, 425-438.	6.9	27
95	Sensitivity of data matrix rank in non-iterative training. Neurocomputing, 2018, 313, 386-391.	5.9	4
96	Uncertainty learning of rough set-based prediction under a holistic framework. Information Sciences, 2018, 463-464, 129-151.	6.9	8
97	Fuzziness based semi-supervised learning approach for intrusion detection system. Information Sciences, 2017, 378, 484-497.	6.9	407
98	Binary and Multi-Class Learning Based Low Complexity Optimization for HEVC Encoding. IEEE Transactions on Broadcasting, 2017, 63, 547-561.	3.2	70
99	Incorporating Diversity and Informativeness in Multiple-Instance Active Learning. IEEE Transactions on Fuzzy Systems, 2017, 25, 1460-1475.	9.8	91
100	Feature Selection Based on Neighborhood Discrimination Index. IEEE Transactions on Neural Networks and Learning Systems, 2017, 29, 1-14.	11.3	89
101	Information Fusion Based on Information Entropy in Fuzzy Multi-source Incomplete Information System. International Journal of Fuzzy Systems, 2017, 19, 1200-1216.	4.0	58
102	Monotonic classification extreme learning machine. Neurocomputing, 2017, 225, 205-213.	5.9	34
103	Impact of fuzziness categorization on divide and conquer strategy for instance selection. Journal of Intelligent and Fuzzy Systems, 2017, 33, 1007-1018.	1.4	8
104	Generalized relevance vector machine. , 2017, , .		2
105	Empirical analysis: stock market prediction via extreme learning machine. Neural Computing and Applications, 2016, 27, 67-78.	5.6	101
106	Voting-based instance selection from large data sets with MapReduce and random weight networks. Information Sciences, 2016, 367-368, 1066-1077.	6.9	40
107	A novel approach for epileptic EEG signals classification based on biclustering technique. , 2016, , .		2
108	Deep stochastic weight assignment network of Chinese chess machine game. , 2016, , .		1

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109	An approach to sample selection from big data for classification. , 2016, , .		3
110	Extreme learning machine based on cross entropy. , 2016, , .		5
111	Exact and approximate algorithms for discounted {0-1} knapsack problem. Information Sciences, 2016, 369, 634-647.	6.9	39
112	Granular reducts of formal fuzzy contexts. Knowledge-Based Systems, 2016, 114, 156-166.	7.1	33
113	Learning from Uncertainty for Big Data: Future Analytical Challenges and Strategies. IEEE Systems, Man, and Cybernetics Magazine, 2016, 2, 26-31.	1.4	63
114	Improvements for P-ELM1 and P-ELM2 Pruning Algorithms in Extreme Learning Machines. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2016, 24, 327-345.	1.9	3
115	Fuzzy nonlinear regression analysis using a random weight network. Information Sciences, 2016, 364-365, 222-240.	6.9	108
116	Recent advances in multiple criteria decision making techniques. International Journal of Machine Learning and Cybernetics, 2016, , 1.	3.6	11
117	Exploring cell tower data dumps for supervised learning-based point-of-interest prediction (industrial paper). GeoInformatica, 2016, 20, 327-349.	2.7	2
118	Architecture Selection of ELM Networks Based on Sensitivity of Hidden Nodes. Neural Processing Letters, 2016, 44, 471-489.	3.2	12
119	Ambiguity-Based Multiclass Active Learning. IEEE Transactions on Fuzzy Systems, 2016, 24, 242-248.	9.8	29
120	Active Learning Based on Single-Hidden Layer Feed-Forward Neural Network. , 2015, , .		2
121	Effective algorithms of the Moore-Penrose inverse matrices for extreme learning machine. Intelligent Data Analysis, 2015, 19, 743-760.	0.9	88
122	Interval extreme learning machine for big data based on uncertainty reduction. Journal of Intelligent and Fuzzy Systems, 2015, 28, 2391-2403.	1.4	7
123	Learning from big data with uncertainty â€“ editorial. Journal of Intelligent and Fuzzy Systems, 2015, 28, 2329-2330.	1.4	107
124	Fuzziness based sample categorization forÂclassifier performance improvement. Journal of Intelligent and Fuzzy Systems, 2015, 29, 1185-1196.	1.4	140
125	Induction of monotonic decision trees. , 2015, , .		0
126	The failure analysis of extreme learning machine on big data and the counter measure. , 2015, , .		2

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127	Ordinal decision trees based on fuzzy rank entropy. , 2015, , .		2
128	Segment Based Decision Tree Induction With Continuous Valued Attributes. IEEE Transactions on Cybernetics, 2015, 45, 1262-1275.	9.5	57
129	A Study on Relationship Between Generalization Abilities and Fuzziness of Base Classifiers in Ensemble Learning. IEEE Transactions on Fuzzy Systems, 2015, 23, 1638-1654.	9.8	218
130	Performance improvement of classifier fusion for batch samples based on upper integral. Neural Networks, 2015, 63, 87-93.	5.9	7
131	Learning ELM-Tree from big data based on uncertainty reduction. Fuzzy Sets and Systems, 2015, 258, 79-100.	2.7	44
132	Editorial: Uncertainty in learning from big data. Fuzzy Sets and Systems, 2015, 258, 1-4.	2.7	23
133	Class-specific soft voting based multiple extreme learning machines ensemble. Neurocomputing, 2015, 149, 275-284.	5.9	50
134	OWA operator based link prediction ensemble for social network. Expert Systems With Applications, 2015, 42, 21-50.	7.6	123
135	Fuzzy Integral-Based Kernel Regression Ensemble and Its Application. Advances in Computational Intelligence and Robotics Book Series, 2015, , 378-410.	0.4	2
136	Stable Matching-Based Selection in Evolutionary Multiobjective Optimization. IEEE Transactions on Evolutionary Computation, 2014, 18, 909-923.	10.0	351
137	Fuzzy-Rough-Set-Based Active Learning. IEEE Transactions on Fuzzy Systems, 2014, 22, 1699-1704.	9.8	32
138	Regression ensemble with PSO algorithms based fuzzy integral. , 2014, , .		0
139	Ensemble online sequential extreme learning machine for large data set classification. , 2014, , .		8
140	Non-Naive Bayesian Classifiers for Classification Problems With Continuous Attributes. IEEE Transactions on Cybernetics, 2014, 44, 21-39.	9.5	87
141	Domain ontology graph model and its application in Chinese text classification. Neural Computing and Applications, 2014, 24, 779-798.	5.6	13
142	Advances in neural network based learning. International Journal of Machine Learning and Cybernetics, 2014, 5, 1-2.	3.6	24
143	Guest editorial: learning from uncertainty and its application to intelligent systems of web information. World Wide Web, 2014, 17, 1027-1028.	4.0	0
144	A New Approach to Classifier Fusion Based on Upper Integral. IEEE Transactions on Cybernetics, 2014, 44, 620-635.	9.5	40

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145	A study on residence error of training an extreme learning machine and its application to evolutionary algorithms. Neurocomputing, 2014, 146, 75-82.	5.9	17
146	Fast prediction of protein–protein interaction sites based on Extreme Learning Machines. Neurocomputing, 2014, 128, 258-266.	5.9	68
147	Active learning with multi-criteria decision making systems. Pattern Recognition, 2014, 47, 3106-3119.	8.1	24
148	A vector-valued support vector machine model for multiclass problem. Information Sciences, 2013, 235, 174-194.	6.9	18
149	Nested structure in parameterized rough reduction. Information Sciences, 2013, 248, 130-150.	6.9	25
150	An improved differential evolution and its application to determining feature weights in similarity based clustering. , 2013, , .		3
151	AN ANALYSIS OF ELM APPROXIMATE ERROR BASED ON RANDOM WEIGHT MATRIX. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2013, 21, 1-12.	1.9	14
152	EVOLVING EXTREME LEARNING MACHINE PARADIGM WITH ADAPTIVE OPERATOR SELECTION AND PARAMETER CONTROL. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2013, 21, 143-154.	1.9	12
153	Instance selection based on sample entropy for efficient data classification with ELM. , 2012, , .		2
154	A total error rate multi-class classification. , 2012, , .		1
155	A weighted voting method using minimum square error based on Extreme Learning Machine. , 2012, , .		2
156	Fuzzy rough sets based uncertainty measuring for stream based active learning. , 2012, , .		0
157	Dynamic ensemble extreme learning machine based on sample entropy. Soft Computing, 2012, 16, 1493-1502.	3.6	114
158	A study on random weights between input and hidden layers in extreme learning machine. Soft Computing, 2012, 16, 1465-1475.	3.6	25
159	Improving kernel incapability by equivalent probability in flexible naïve Bayesian. , 2012, , .		3
160	Multi-objective differential evolution with self-navigation. , 2012, , .		10
161	Maximum Ambiguity-Based Sample Selection in Fuzzy Decision Tree Induction. IEEE Transactions on Knowledge and Data Engineering, 2012, 24, 1491-1505.	5.7	142
162	Optimal bandwidth selection for re-substitution entropy estimation. Applied Mathematics and Computation, 2012, 219, 3425-3460.	2.2	13

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163	Inconsistency-based active learning for support vector machines. Pattern Recognition, 2012, 45, 3751-3767.	8.1	30
164	Naive Bayesian Classifier Based on Neighborhood Probability. Communications in Computer and Information Science, 2012, , 112-121.	0.5	1
165	Rough set model and its eight extensions. , 2011, , .		0
166	A modified AdaBoost method for one-class SVM and its application to novelty detection. , 2011, , .		5
167	A comparative study among different kernel functions in flexible naïve Bayesian classification. , 2011, , .		5
168	Upper integral network with extreme learning mechanism. Neurocomputing, 2011, 74, 2520-2525.	5.9	94
169	Recent advances on machine learning and Cybernetics. Soft Computing, 2011, 15, 1039-1039.	3.6	1
170	Particle swarm optimization for determining fuzzy measures from data. Information Sciences, 2011, 181, 4230-4252.	6.9	116
171	L1-Norm-Based 2DLPP. , 2011, , .		6
172	A comparative experimental study of feature-weight learning approaches. , 2011, , .		2
173	A new method for multi-class support vector machines by training least number of classifiers. , 2011, , .		3
174	Regional objects based image retrieval. , 2011, , .		3
175	International journal of machine learning and cybernetics. International Journal of Machine Learning and Cybernetics, 2010, 1, 1-2.	3.6	3
176	FRSVMs: Fuzzy rough set based support vector machines. Fuzzy Sets and Systems, 2010, 161, 596-607.	2.7	60
177	A new approach to improving generalization ability of feed-foward neural networks. , 2010, , .		3
178	Sample selection based on maximum entropy for support vector machines. , 2010, , .		3
179	Active learning based on support vector machines. , 2010, , .		1
180	A survey on active learning strategy. , 2010, , .		12

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181	Discretization of continuous-valued attributes in decision tree generation. , 2010, , .		8
182	Building a Rule-Based Classifierâ€"A Fuzzy-Rough Set Approach. IEEE Transactions on Knowledge and Data Engineering, 2010, 22, 624-638.	5.7	114
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184	Convergent Analysis and Algorithmic Improvement of Differential Evolution. Ruan Jian Xue Bao/Journal of Software, 2010, 21, 875-885.	0.3	16
185	Combining SOM and local minimum enclosing spheres for novelty detection. , 2009, , .		0
186	The study of unstable cut-point decision tree generation based-on the partition impurity. , 2009, , .		0
187	A PSO-GD-based hybrid algorithm for general fuzzy measure determination. , 2009, , .		0
188	Two-ply iterative deepening in Chinese-chess computer game. , 2009, , .		4
189	Pruning Decision Tree Using Genetic Algorithms. , 2009, , .		23
190	Improving Generalization of Fuzzy IF--THEN Rules by Maximizing Fuzzy Entropy. IEEE Transactions on Fuzzy Systems, 2009, 17, 556-567.	9.8	200
191	Multi-stage decision tree based on inter-class and inner-class margin of SVM. , 2009, , .		11
192	An improved sample selection algorithm in fuzzy decision tree induction. , 2009, , .		5
193	Co-clustering for queries and corresponding advertisement. , 2009, , .		0
194	A Fast Support Vector Machine Classification Algorithm Based on Karush-Kuhn-Tucker Conditions. Lecture Notes in Computer Science, 2009, , 382-389.	1.3	3
195	Induction of multiple fuzzy decision trees based on rough set technique. Information Sciences, 2008, 178, 3188-3202.	6.9	149
196	Feature selection using localized generalization error for supervised classification problems using RBFNN. Pattern Recognition, 2008, 41, 3706-3719.	8.1	83
197	Attributes Reduction Using Fuzzy Rough Sets. IEEE Transactions on Fuzzy Systems, 2008, 16, 1130-1141.	9.8	284
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199	A new algorithm for solving convex hull problem and its application to feature selection. , 2008, , .		2
200	FAST FUZZY MULTICATEGORY SVM BASED ON SUPPORT VECTOR DOMAIN DESCRIPTION. International Journal of Pattern Recognition and Artificial Intelligence, 2008, 22, 109-120.	1.2	49
201	A model of finite-step random walk with absorbent boundaries. International Journal of Computer Mathematics, 2008, 85, 1685-1696.	1.8	2
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203	Optimization of combined kernel function for SVM based on large margin learning theory. , 2008, , .		7
204	Parametric tuning of rule-based systems by maximum fuzzy entropy. Conference Proceedings IEEE International Conference on Systems, Man, and Cybernetics, 2008, , .	0.0	0
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212	A sample selection algorithm in fuzzy decision tree induction and its theoretical analyses. , 2007, , .		4
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