Li Zhang

List of Publications by Year
in descending order

72 papers	2,237 citations	361045 20 h-index	223531 46 g-index
76 all docs	76 docs citations	76 times ranked	2125 citing authors

#	ARTICLE	IF	CITATIONS
1	T^{2}CNN: a novel method for crowd counting via two-task convolutional neural network. Visual Computer, 2023, 39, 73-85.	2.5	6
2	Deeper multi-column dilated convolutional network for congested crowd understanding. Neural Computing and Applications, 2022, 34, 1407-1422.	3.2	6
3	Sparse discriminant twin support vector machine for binary classification. Neural Computing and Applications, 2022, 34, 16173-16198.	3.2	3
4	Dissimilarity-based nearest neighbor classifier for single-sample face recognition. Visual Computer, 2021, 37, 673-684.	2.5	7
5	Dynamic dominance-based multigranulation rough sets approaches with evolving ordered data. International Journal of Machine Learning and Cybernetics, 2021, 12, 17-38.	2.3	9
6	Sample Reduction Using $$\ell_1$$-Norm Twin Bounded Support Vector Machine. Communications in Computer and Information Science, 2021, , 141-153.	0.4	1
7	Iterative rating prediction for neighborhood-based collaborative filtering. Applied Intelligence, 2021, 51, 6810-6822.	3.3	7
8	Iteratively local fisher score for feature selection. Applied Intelligence, 2021, 51, 6167-6181.	3.3	21
9	Fast Gaussian kernel support vector machine recursive feature elimination algorithm. Applied Intelligence, 2021, 51, 9001-9014.	3.3	7
10	A recursive feature retention method for semi-supervised feature selection. International Journal of Machine Learning and Cybernetics, 2021, 12, 2639-2657.	2.3	7
11	CTSVM: A robust twin support vector machine with correntropy-induced loss function for binary classification problems. Information Sciences, 2021, 559, 22-45.	4.0	15
12	Fisher-regularized Support Vector Machine with Pinball Loss Function. , 2021, , .		2
13	Laplacian pair-weight vector projection for semi-supervised learning. Information Sciences, 2021, 573, 1-19.	4.0	11
14	Discriminant Mutual Information for Text Feature Selection. Lecture Notes in Computer Science, 2021, , 136-151.	1.0	3
15	Fast neighbor user searching for neighborhood-based collaborative filtering with hybrid user similarity measures. Soft Computing, 2021, 25, 5323-5338.	2.1	5
16	Efficient approaches for maintaining dominance-based multigranulation approximations with incremental granular structures. International Journal of Approximate Reasoning, 2020, 126, 202-227.	1.9	5
17	A dynamic framework for updating neighborhood multigranulation approximations with the variation of objects. Information Sciences, 2020, 519, 382-406.	4.0	14
18	Incremental updating probabilistic neighborhood three-way regions with time-evolving attributes. International Journal of Approximate Reasoning, 2020, 120, 1-23.	1.9	22

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19	Local preserving logistic I-Relief for semi-supervised feature selection. Neurocomputing, 2020, 399, 48-64.	3.5	18
20	Fast Backward Iterative Laplacian Score for Unsupervised Feature Selection. Lecture Notes in Computer Science, 2020, , 409-420.	1.0	1
21	Densely Multi-path Network for Single Image Super-Resolution. Lecture Notes in Computer Science, 2020, , 253-265.	1.0	0
22	Feature Selection Using Sparse Twin Bounded Support Vector Machine. Lecture Notes in Computer Science, 2020, , 357-369.	1.0	1
23	Semi-supervised Feature Selection Using Sparse Laplacian Support Vector Machine. Communications in Computer and Information Science, 2020, , 107-118.	0.4	0
24	LCNet: A Light-Weight Network for Object Counting. Lecture Notes in Computer Science, 2020, , 411-422.	1.0	1
25	Feature Selection Using Sparse Twin Support Vector Machine with Correntropy-Induced Loss. Lecture Notes in Computer Science, 2020, , 434-445.	1.0	0
26	Forward Iterative Feature Selection Based on Laplacian Score. Lecture Notes in Computer Science, 2020, , 381-392.	1.0	1
27	Feature Extraction Based on Support Vector Data Description. Neural Processing Letters, 2019, 49, 643-659.	2.0	6
28	Sparse modified marginal fisher analysis for facial expression recognition. Applied Intelligence, 2019, 49, 2659-2671.	3.3	4
29	Subspace Ensemble-Based Neighbor User Searching for Neighborhood-Based Collaborative Filtering. Lecture Notes in Computer Science, 2019, , 449-463.	1.0	0
30	Multi-class Semi-supervised Logistic I-RELIEF Feature Selection Based on Nearest Neighbor. Lecture Notes in Computer Science, 2019, , 281-292.	1.0	3
31	Nonlinear feature selection using Gaussian kernel SVM-RFE for fault diagnosis. Applied Intelligence, 2018, 48, 3306-3331.	3.3	69
32	Feature weight estimation based on dynamic representation and neighbor sparse reconstruction. Pattern Recognition, 2018, 81, 388-403.	5.1	18
33	Jointly Learning Structured Analysis Discriminative Dictionary and Analysis Multiclass Classifier. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 3798-3814.	7.2	127
34	Sparse Auto-encoder with Smoothed l_1 l 1 Regularization. Neural Processing Letters, 2018, 47, 829-839.	2.0	15
35	Feature clustering based support vector machine recursive feature elimination for gene selection. Applied Intelligence, 2018, 48, 594-607.	3.3	90
36	New fast feature selection methods based on multiple support vector data description. Applied Intelligence, 2018, 48, 1776-1790.	3.3	5

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37	Significant Anatomy Detection Through Sparse Classification: A Comparative Study. IEEE Transactions on Medical Imaging, 2018, 37, 128-137.	5.4	6
38	Applying 1-norm SVM with squared loss to gene selection for cancer classification. Applied Intelligence, 2018, 48, 1878-1890.	3.3	22
39	Supervised sparse neighbourhood preserving embedding. IET Image Processing, 2017, 11, 190-199.	1.4	6
40	Decision pyramid classifier for face recognition under complex variations using single sample per person. Pattern Recognition, 2017, 64, 305-313.	5.1	24
41	SD-MSAEs: Promoter recognition in human genome based on deep feature extraction. Journal of Biomedical Informatics, 2016, 61, 55-62.	2.5	21
42	Sparse Codes Auto-Extractor for Classification: A Joint Embedding and Dictionary Learning Framework for Representation. IEEE Transactions on Signal Processing, 2016, 64, 3790-3805.	3.2	68
43	Fisher-regularized support vector machine. Information Sciences, 2016, 343-344, 79-93.	4.0	29
44	Semi-supervised concept factorization for document clustering. Information Sciences, 2016, 331, 86-98.	4.0	44
45	Multiple SVM-RFE for multi-class gene selection on DNA Microarray data. , 2015, , .		7
46	A fast approximation algorithm for 1-norm SVM with squared loss. , 2015, , .		2
47	Supervised locally linear embedding algorithm based on orthogonal matching pursuit. IET Image Processing, 2015, 9, 626-633.	1.4	3
48	A fast gene selection method for multi-cancer classification using multiple support vector data description. Journal of Biomedical Informatics, 2015, 53, 381-389.	2.5	46
49	Learning similarity with cosine similarity ensemble. Information Sciences, 2015, 307, 39-52.	4.0	221
50	Similarity learning based on multiple support vector data description. , 2015, , .		1
51	Similarity-balanced discriminant neighbor embedding and its application to cancer classification based on gene expression data. Computers in Biology and Medicine, 2015, 64, 236-245.	3.9	12
52	Double adjacency graphs-based discriminant neighborhood embedding. Pattern Recognition, 2015, 48, 1734-1742.	5.1	37
53	Kernel sparse representation-based classifier ensemble for face recognition. Multimedia Tools and Applications, 2015, 74, 123-137.	2.6	35
54	Time series prediction using sparse regression ensemble based on $\ell_2 - \ell_1$ problem. Soft Computing, 2015, 19, 781-792.	2.1	1

#	Article	IF	Citations
55	Hidden space discriminant neighborhood embedding. , 2014, , .		2
56	A supervised neighborhood preserving embedding for face recognition. , 2014, , .		7
57	Evolutionary dynamics of continuous strategy games on graphs and social networks under weak selection. BioSystems, 2013, 111, 102-110.	0.9	13
58	1-norm support vector novelty detection and its sparseness. Neural Networks, 2013, 48, 125-132.	3.3	4
59	Analysis of programming properties and the row–column generation method for 1-norm support vector machines. Neural Networks, 2013, 48, 32-43.	3.3	5
60	A fast algorithm for kernel 1-norm support vector machines. Knowledge-Based Systems, 2013, 52, 223-235.	4.0	6
61	Cascaded cluster ensembles. International Journal of Machine Learning and Cybernetics, 2012, 3, 335-343.	2.3	4
62	Kernel Sparse Representation-Based Classifier. IEEE Transactions on Signal Processing, 2012, 60, 1684-1695.	3.2	310
63	Generalized nonlinear discriminant analysis and its small sample size problems. Neurocomputing, 2011, 74, 568-574.	3.5	10
64	Density-induced margin support vector machines. Pattern Recognition, 2011, 44, 1448-1460.	5.1	25
65	Sparse ensembles using weighted combination methods based on linear programming. Pattern Recognition, 2011, 44, 97-106.	5.1	114
66	On the sparseness of 1-norm support vector machines. Neural Networks, 2010, 23, 373-385.	3.3	57
67	DECISION TREE SUPPORT VECTOR MACHINE. International Journal on Artificial Intelligence Tools, 2007, 16, 1-15.	0.7	23
68	SUPPORT VECTOR MACHINES BASED ON THE ORTHOGONAL PROJECTION KERNEL OF FATHER WAVELET. International Journal of Computational Intelligence and Applications, 2005, 05, 283-303.	0.6	12
69	Hidden Space Support Vector Machines. IEEE Transactions on Neural Networks, 2004, 15, 1424-1434.	4.8	38
70	Wavelet Support Vector Machine. IEEE Transactions on Systems, Man, and Cybernetics, 2004, 34, 34-39.	5.5	424
71	Linear programming support vector machines. Pattern Recognition, 2002, 35, 2927-2936.	5.1	82
72	L1-norm Laplacian support vector machine for data reduction in semi-supervised learning. Neural Computing and Applications, 0, , 1.	3.2	3