

Zhiwen Yu

List of Publications by Year in descending order

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125
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147801

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all docs

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126
times ranked

2419
citing authors

#	ARTICLE	IF	CITATIONS
1	Classifier Ensemble Based on Multiview Optimization for High-Dimensional Imbalanced Data Classification. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 870-883.	11.3	3
2	Adaptive Subspace Optimization Ensemble Method for High-Dimensional Imbalanced Data Classification. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 2284-2297.	11.3	8
3	Extracting and Composing Robust Features With Broad Learning System. IEEE Transactions on Knowledge and Data Engineering, 2023, 35, 3885-3896.	5.7	12
4	Video action recognition with Key-detail Motion Capturing based on motion spectrum analysis and multiscale feature fusion. Visual Computer, 2023, 39, 539-556.	3.5	3
5	Stacked One-Class Broad Learning System for Intrusion Detection in Industry 4.0. IEEE Transactions on Industrial Informatics, 2023, 19, 251-260.	11.3	14
6	View-Aware Collaborative Learning for Survival Prediction and Subgroup Identification. IEEE Transactions on Biomedical Engineering, 2023, 70, 307-317.	4.2	4
7	Semisupervised Multiple Choice Learning for Ensemble Classification. IEEE Transactions on Cybernetics, 2022, 52, 3658-3668.	9.5	4
8	Asymmetric Graph-Guided Multitask Survival Analysis With Self-Paced Learning. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 654-666.	11.3	3
9	Semisupervised Classification With Novel Graph Construction for High-Dimensional Data. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 75-88.	11.3	7
10	Clustering Ensemble Based on Hybrid Multiview Clustering. IEEE Transactions on Cybernetics, 2022, 52, 6518-6530.	9.5	8
11	Progressive Hybrid Classifier Ensemble for Imbalanced Data. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 2464-2478.	9.3	14
12	Progressive Ensemble Kernel-Based Broad Learning System for Noisy Data Classification. IEEE Transactions on Cybernetics, 2022, 52, 9656-9669.	9.5	13
13	Incremental Weighted Ensemble Broad Learning System for Imbalanced Data. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 5809-5824.	5.7	23
14	Inner-Imaging Networks: Put Lenses Into Convolutional Structure. IEEE Transactions on Cybernetics, 2022, 52, 8547-8560.	9.5	4
15	Adaptive Dense Ensemble Model for Text Classification. IEEE Transactions on Cybernetics, 2022, 52, 7513-7526.	9.5	3
16	GAN-based clustering solution generation and fusion of diffusion. Systems Science and Control Engineering, 2022, 10, 24-42.	3.1	1
17	Adversarial Adaptive Interpolation in Autoencoders for Dually Regularizing Representation Learning. IEEE MultiMedia, 2022, 29, 57-68.	1.7	1
18	Fine-grained visual classification with multi-scale features based on self-supervised attention filtering mechanism. Applied Intelligence, 2022, 52, 15673-15689.	5.3	2

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19	Video person re-identification using key frame screening with index and feature reorganization based on inter-frame relation. International Journal of Machine Learning and Cybernetics, 2022, 13, 2745-2761.	3.6	4
20	Double-kernelized weighted broad learning system for imbalanced data. Neural Computing and Applications, 2022, 34, 19923-19936.	5.6	3
21	Discovering Multiple Co-Clusterings With Matrix Factorization. IEEE Transactions on Cybernetics, 2021, 51, 3576-3587.	9.5	11
22	Fast and Effective Active Clustering Ensemble Based on Density Peak. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 3593-3607.	11.3	16
23	Automatic Construction of Chinese Herbal Prescriptions From Tongue Images Using CNNs and Auxiliary Latent Therapy Topics. IEEE Transactions on Cybernetics, 2021, 51, 708-721.	9.5	32
24	An Inception Convolutional Autoencoder Model for Chinese Healthcare Question Clustering. IEEE Transactions on Cybernetics, 2021, 51, 2019-2031.	9.5	9
25	Convolutional Multitimescale Echo State Network. IEEE Transactions on Cybernetics, 2021, 51, 1613-1625.	9.5	33
26	Adaptive Classifier Ensemble Method Based on Spatial Perception for High-Dimensional Data Classification. IEEE Transactions on Knowledge and Data Engineering, 2021, 33, 2847-2862.	5.7	13
27	KNN-BLOCK DBSCAN: Fast Clustering for Large-Scale Data. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 3939-3953.	9.3	97
28	A Novel Classifier Ensemble Method Based on Subspace Enhancement for High-Dimensional Data Classification. IEEE Transactions on Knowledge and Data Engineering, 2021, , 1-1.	5.7	6
29	Unsupervised Ensemble Learning Via Network Generation. , 2021, , .		0
30	Adversarial Adaptive Interpolation for Regularizing Representation Learning and Image Synthesis in Autoencoders. , 2021, , .		1
31	Local Tangent Generative Adversarial Network for Imbalanced Data Classification. , 2021, , .		0
32	Mask-Embedded Discriminator with Region-based Semantic Regularization for Semi-Supervised Class-Conditional Image Synthesis. , 2021, , .		2
33	Kernel-based Class-specific Broad Learning System for software defect prediction. , 2021, , .		0
34	Transfer Clustering Ensemble Selection. IEEE Transactions on Cybernetics, 2020, 50, 2872-2885.	9.5	25
35	End-to-End Incomplete Time-Series Modeling From Linear Memory of Latent Variables. IEEE Transactions on Cybernetics, 2020, 50, 4908-4920.	9.5	43
36	Multitask Feature Selection by Graph-Clustered Feature Sharing. IEEE Transactions on Cybernetics, 2020, 50, 74-86.	9.5	18

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37	Hybrid Classifier Ensemble for Imbalanced Data. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 1387-1400.	11.3	62
38	A survey on ensemble learning. Frontiers of Computer Science, 2020, 14, 241-258.	2.4	765
39	Semi-Supervised Deep Coupled Ensemble Learning With Classification Landmark Exploration. IEEE Transactions on Image Processing, 2020, 29, 538-550.	9.8	17
40	Triple U-net: Hematoxylin-aware nuclei segmentation with progressive dense feature aggregation. Medical Image Analysis, 2020, 65, 101786.	11.6	74
41	Regularizing Discriminative Capability of CGANs for Semi-Supervised Generative Learning. , 2020, , .		15
42	Self-Enhanced R-CNNs for Human Detection With Semi-Supervised Assumptions. IEEE Access, 2020, 8, 15132-15143.	4.2	4
43	Adaptive Regularized Semi-Supervised Clustering Ensemble. IEEE Access, 2020, 8, 17926-17934.	4.2	4
44	Hybrid Dimensionality Reduction Forest With Pruning for High-Dimensional Data Classification. IEEE Access, 2020, 8, 40138-40150.	4.2	11
45	Exploiting Global Low-Rank Structure and Local Sparsity Nature for Tensor Completion. IEEE Transactions on Cybernetics, 2019, 49, 3898-3910.	9.5	12
46	Prediction of Daily Precipitation Based on Deep Learning and Broad Learning Techniques. , 2019, , .		1
47	A Study of The Growth of The Amount of Meteorological Observation Sites over 200 Years. , 2019, , .		0
48	Mutual Learning of Complementary Networks via Residual Correction for Improving Semi-Supervised Classification. , 2019, , .		25
49	Adaptive Semi-Supervised Classifier Ensemble for High Dimensional Data Classification. IEEE Transactions on Cybernetics, 2019, 49, 366-379.	9.5	51
50	Hybrid Incremental Ensemble Learning for Noisy Real-World Data Classification. IEEE Transactions on Cybernetics, 2019, 49, 403-416.	9.5	33
51	Multiobjective Semisupervised Classifier Ensemble. IEEE Transactions on Cybernetics, 2019, 49, 2280-2293.	9.5	26
52	Exploring Correlations Among Tasks, Clusters, and Features for Multitask Clustering. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 355-368.	11.3	21
53	Semi-Supervised Image Classification With Self-Paced Cross-Task Networks. IEEE Transactions on Multimedia, 2018, 20, 851-865.	7.2	31
54	Semi-Supervised Ensemble Clustering Based on Selected Constraint Projection. IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 2394-2407.	5.7	46

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55	Clustering by Local Gravitation. IEEE Transactions on Cybernetics, 2018, 48, 1383-1396.	9.5	61
56	Progressive Semisupervised Learning of Multiple Classifiers. IEEE Transactions on Cybernetics, 2018, 48, 689-702.	9.5	35
57	Multiple Co-clusterings. , 2018, , .		7
58	Two-Dimensional-Reduction Random Forest. , 2018, , .		1
59	Adaptive Hybrid Feature Selection-Based Classifier Ensemble for Epileptic Seizure Classification. IEEE Access, 2018, 6, 29132-29145.	4.2	21
60	Three-dimensional image-based human pose recovery with hypergraph regularized autoencoders. Multimedia Tools and Applications, 2017, 76, 10919-10937.	3.9	2
61	Distribution-Based Cluster Structure Selection. IEEE Transactions on Cybernetics, 2017, 47, 3554-3567.	9.5	45
62	A Multi-Label Learning Method Using Affinity Propagation and Support Vector Machine. IEEE Access, 2017, 5, 2955-2966.	4.2	10
63	Adaptive Ensembling of Semi-Supervised Clustering Solutions. IEEE Transactions on Knowledge and Data Engineering, 2017, 29, 1577-1590.	5.7	47
64	A parallel Ant Colony System based on region decomposition for Taxi-Passenger Matching. , 2017, , .		3
65	A New Kind of Nonparametric Test for Statistical Comparison of Multiple Classifiers Over Multiple Datasets. IEEE Transactions on Cybernetics, 2017, 47, 4418-4431.	9.5	44
66	Simplified High-Order DOA and Range Estimation With Linear Antenna Array. IEEE Communications Letters, 2017, 21, 76-79.	4.1	27
67	Incremental semi-supervised clustering ensemble for high dimensional data clustering. , 2016, , .		2
68	Adaptive noise immune cluster ensemble using affinity propagation. , 2016, , .		1
69	Functional echo state network for time series classification. Information Sciences, 2016, 373, 1-20.	6.9	80
70	Progressive subspace ensemble learning. Pattern Recognition, 2016, 60, 692-705.	8.1	37
71	Incremental Semi-Supervised Clustering Ensemble for High Dimensional Data Clustering. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 701-714.	5.7	150
72	Hybrid ℓ_1/ℓ_2 -Nearest Neighbor Classifier. IEEE Transactions on Cybernetics, 2016, 46, 1263-1275.	9.5	101

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73	Efficient Vaccine Distribution Based on a Hybrid Compartmental Model. PLoS ONE, 2016, 11, e0155416.	2.5	11
74	Inferring a District-Based Hierarchical Structure of Social Contacts from Census Data. PLoS ONE, 2015, 10, e0118085.	2.5	2
75	Adaptive Noise Immune Cluster Ensemble Using Affinity Propagation. IEEE Transactions on Knowledge and Data Engineering, 2015, 27, 3176-3189.	5.7	80
76	Hybrid Adaptive Classifier Ensemble. IEEE Transactions on Cybernetics, 2015, 45, 177-190.	9.5	82
77	Towards an immunity based distributed algorithm to detect harmful files shared in P2P networks. Peer-to-Peer Networking and Applications, 2015, 8, 49-62.	3.9	0
78	Semi-supervised classification based on subspace sparse representation. Knowledge and Information Systems, 2015, 43, 81-101.	3.2	32
79	Multi-view Based AdaBoost Classifier Ensemble for Class Prediction from Gene Expression Profiles. , 2014, , .		2
80	Hybrid clustering solution selection strategy. Pattern Recognition, 2014, 47, 3362-3375.	8.1	61
81	Probabilistic cluster structure ensemble. Information Sciences, 2014, 267, 16-34.	6.9	32
82	Relative manifold based semi-supervised dimensionality reduction. Frontiers of Computer Science, 2014, 8, 923-932.	2.4	5
83	Double Selection Based Semi-Supervised Clustering Ensemble for Tumor Clustering from Gene Expression Profiles. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2014, 11, 727-740.	3.0	60
84	A Bayesian Model for Crowd Escape Behavior Detection. IEEE Transactions on Circuits and Systems for Video Technology, 2014, 24, 85-98.	8.3	80
85	Hybrid Fuzzy Cluster Ensemble Framework for Tumor Clustering from Biomolecular Data. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2013, 10, 657-670.	3.0	57
86	Representative Multi-Label Bayesian Approach for image classification. , 2012, , .		0
87	Tumor clustering based on hybrid cluster ensemble framework. , 2012, , .		0
88	Fast normalized cut algorithm based on self-organizing map. , 2012, , .		0
89	Adaptive learning based fault tolerant control for uncertain nonlinear systems. , 2012, , .		0
90	SCA ³ : Triple Spectral Clustering-Based Consensus Clustering Framework for Class Discovery from Cancer Gene Expression Profiles. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2012, 9, 1751-1765.	3.0	60

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91	Representative Distance: A New Similarity Measure for Class Discovery From Gene Expression Data. IEEE Transactions on Nanobioscience, 2012, 11, 341-351.	3.3	14
92	NG ² CE: Double neural gas based cluster ensemble framework. , 2012, , .		2
93	Semi-supervised ensemble classification in subspaces. Applied Soft Computing Journal, 2012, 12, 1511-1522.	7.2	38
94	From cluster ensemble to structure ensemble. Information Sciences, 2012, 198, 81-99.	6.9	32
95	Semi-supervised classification based on random subspace dimensionality reduction. Pattern Recognition, 2012, 45, 1119-1135.	8.1	96
96	Hybrid cluster ensemble framework based on the random combination of data transformation operators. Pattern Recognition, 2012, 45, 1826-1837.	8.1	41
97	Penalty-based cluster validity index for class discovery from cancer data. , 2011, , .		0
98	Automatic classification of uncertain data by soft classifier. , 2011, , .		3
99	Knowledge Based Cluster Ensemble for Cancer Discovery From Biomolecular Data. IEEE Transactions on Nanobioscience, 2011, 10, 76-85.	3.3	43
100	Neighborhood Knowledge-Based Evolutionary Algorithm for Multiobjective Optimization Problems. IEEE Transactions on Evolutionary Computation, 2011, 15, 812-831.	10.0	20
101	Neural gas based cluster ensemble algorithm and its application to cancer data. , 2011, , .		4
102	Identifying Protein-Kinase-Specific Phosphorylation Sites Based on the Baggingâ€“AdaBoost Ensemble Approach. IEEE Transactions on Nanobioscience, 2010, 9, 132-143.	3.3	22
103	Class Discovery From Gene Expression Data Based on Perturbation and Cluster Ensemble. IEEE Transactions on Nanobioscience, 2009, 8, 147-160.	3.3	40
104	Domain content based protein function prediction using incomplete GO annotation information. , 2009, , .		0
105	Knowledge based cluster ensemble for 3D head model classification. , 2008, , .		0
106	Ensemble based 3D human motion classification. , 2008, , .		0
107	Fuzzy cluster ensemble and its application on 3D head model classification. , 2008, , .		4
108	Nearest neighbor evolutionary algorithm for constrained optimization problem. , 2008, , .		3

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109	3D motion sequence retrieval based on data distribution. , 2008, , .		3
110	Searching of motion database based on hierarchical SOM. , 2008, , .		2
111	Identification of phosphorylation sites using a hybrid classifier ensemble approach. , 2008, , .		0
112	Image classification based on the bagging-adaboost ensemble. , 2008, , .		2
113	Motion synthesis based on dimensionality reduction. , 2008, , .		0
114	Pattern mining based on local distribution. , 2008, , .		3
115	Graph-based consensus clustering for class discovery from gene expression data. <i>Bioinformatics</i> , 2007, 23, 2888-2896.	4.1	155
116	Gaussian Representation for 3D Point Based Head Model Classification Based on Generalized Minimax Algorithm. , 2007, , .		0
117	Fast Gaussian Mixture Clustering for Skin Detection. , 2007, , .		0
118	Mining Uncertain Data in Low-dimensional Subspace. , 2006, , .		1
119	GCA: A real-time grid-based clustering algorithm for large data set. , 2006, , .		4
120	Improving the selectivity of range query for image databases based on a probabilistic framework. , 2006, , .		0
121	FEMA: A Fast Expectation Maximization Algorithm based on Grid and PCA. , 2006, , .		7
122	An efficient local clustering approach for simplification of 3D point-based computer graphics models. , 2006, , .		3
123	Fast Gaussian Mixture Clustering for Skin Detection. , 2006, , .		6
124	Genetic-based K-means algorithm for selection of feature variables. , 2006, , .		6
125	GPCD: Grid-based Predictive Collision Detection for Large-scale Environments in Computer Games. , 2006, , .		0