

Huanhuan Chen

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

1,829
citations

279798

23
h-index

315739

38
g-index

81
all docs

81
docs citations

81
times ranked

1278
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiobjective Neural Network Ensembles Based on Regularized Negative Correlation Learning. IEEE Transactions on Knowledge and Data Engineering, 2010, 22, 1738-1751.	5.7	116
2	Regularized Negative Correlation Learning for Neural Network Ensembles. IEEE Transactions on Neural Networks, 2009, 20, 1962-1979.	4.2	114
3	Probabilistic Classification Vector Machines. IEEE Transactions on Neural Networks, 2009, 20, 901-914.	4.2	99
4	Predictive Ensemble Pruning by Expectation Propagation. IEEE Transactions on Knowledge and Data Engineering, 2009, 21, 999-1013.	5.7	92
5	Learning in the Model Space for Cognitive Fault Diagnosis. IEEE Transactions on Neural Networks and Learning Systems, 2014, 25, 124-136.	11.3	83
6	An Automatic GPR B-Scan Image Interpreting Model. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 3398-3412.	6.3	74
7	Knowledge Engineering with Big Data. IEEE Intelligent Systems, 2015, 30, 46-55.	4.0	61
8	Model-based kernel for efficient time series analysis. , 2013, , .		60
9	Multiobjective Learning in the Model Space for Time Series Classification. IEEE Transactions on Cybernetics, 2019, 49, 918-932.	9.5	50
10	Accurate Markov Boundary Discovery for Causal Feature Selection. IEEE Transactions on Cybernetics, 2020, 50, 4983-4996.	9.5	49
11	Cognitive fault diagnosis in Tennessee Eastman Process using learning in the model space. Computers and Chemical Engineering, 2014, 67, 33-42.	3.8	46
12	Semisupervised Classification With Cluster Regularization. IEEE Transactions on Neural Networks and Learning Systems, 2012, 23, 1779-1792.	11.3	45
13	Scalable Graph-Based Semi-Supervised Learning through Sparse Bayesian Model. IEEE Transactions on Knowledge and Data Engineering, 2017, 29, 2758-2771.	5.7	43
14	BDANN: BERT-Based Domain Adaptation Neural Network for Multi-Modal Fake News Detection. , 2020, , .		43
15	Probabilistic robust hyperbola mixture model for interpreting ground penetrating radar data. , 2010, , .		41
16	Efficient Probabilistic Classification Vector Machine With Incremental Basis Function Selection. IEEE Transactions on Neural Networks and Learning Systems, 2014, 25, 356-369.	11.3	40
17	Optimal relay placement for lifetime maximization in wireless underground sensor networks. Information Sciences, 2017, 418-419, 463-479.	6.9	33
18	Robust twin boosting for feature selection from high-dimensional omics data with label noise. Information Sciences, 2015, 291, 1-18.	6.9	32

#	ARTICLE	IF	CITATIONS
19	Multiple Kernel k -Means Clustering by Selecting Representative Kernels. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 4983-4996.	11.3	32
20	Unsupervised Change Detection in Satellite Images With Generative Adversarial Network. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 10047-10061.	6.3	29
21	Probabilistic Feature Selection and Classification Vector Machine. ACM Transactions on Knowledge Discovery From Data, 2019, 13, 1-27.	3.5	28
22	When Does Diversity Help Generalization in Classification Ensembles?. IEEE Transactions on Cybernetics, 2022, 52, 9059-9075.	9.5	28
23	A New Many-Objective Evolutionary Algorithm Based on Determinantal Point Processes. IEEE Transactions on Evolutionary Computation, 2021, 25, 334-345.	10.0	27
24	Latent Topic Text Representation Learning on Statistical Manifolds. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 5643-5654.	11.3	26
25	Knowledge graph quality control: A survey. Fundamental Research, 2021, 1, 607-626.	3.3	26
26	Ensemble Pruning Based on Objection Maximization With a General Distributed Framework. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 3766-3774.	11.3	25
27	Joint Semi-Supervised Feature Selection and Classification through Bayesian Approach. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 3983-3990.	4.9	24
28	Model-Based Oversampling for Imbalanced Sequence Classification. , 2016, , .		21
29	Efficient Detection of Buried Plastic Pipes by Combining GPR and Electric Field Methods. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 3967-3979.	6.3	20
30	A Cluster-Based Semisupervised Ensemble for Multiclass Classification. IEEE Transactions on Emerging Topics in Computational Intelligence, 2017, 1, 408-420.	4.9	19
31	Robust Task Grouping with Representative Tasks for Clustered Multi-Task Learning. , 2019, , .		19
32	Separation and recovery Markov boundary discovery and its application in EEG-based emotion recognition. Information Sciences, 2021, 571, 262-278.	6.9	19
33	Attentive multi-task learning for group itinerary recommendation. Knowledge and Information Systems, 2021, 63, 1687-1716.	3.2	17
34	Condition Aware and Revise Transformer for Question Answering. , 2020, , .		17
35	Semisupervised Negative Correlation Learning. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 5366-5379.	11.3	16
36	Multiclass Probabilistic Classification Vector Machine. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 3906-3919.	11.3	16

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37	Sequential data classification by dynamic state warping. Knowledge and Information Systems, 2018, 57, 545-570.	3.2	15
38	A Cable-Mapping Algorithm Based on Ground-Penetrating Radar. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 1630-1634.	3.1	15
39	Mining Markov Blankets Without Causal Sufficiency. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 6333-6347.	11.3	14
40	Markov Boundary-Based Outlier Mining. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 1259-1264.	11.3	14
41	Adaptive Polygon Generation Algorithm for Automatic Building Extraction. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	13
42	Auxiliary Learning for Relation Extraction. IEEE Transactions on Emerging Topics in Computational Intelligence, 2022, 6, 182-191.	4.9	13
43	Knowledge Engineering With Big Data (BigKE): A 54-Month, 45-Million RMB, 15-Institution National Grand Project. IEEE Access, 2017, 5, 12696-12701.	4.2	12
44	Granger Causality for Multivariate Time Series Classification. , 2017, , .		12
45	Probabilistic Mixture Model for Mapping the Underground Pipes. ACM Transactions on Knowledge Discovery From Data, 2019, 13, 1-26.	3.5	11
46	Domain knowledge-enhanced variable selection for biomedical data analysis. Information Sciences, 2022, 606, 469-488.	6.9	11
47	Symbolic Sequence Classification in the Fractal Space. IEEE Transactions on Emerging Topics in Computational Intelligence, 2021, 5, 168-177.	4.9	10
48	Human Activity Recognition with Posture Tendency Descriptors on Action Snippets. IEEE Transactions on Big Data, 2018, 4, 530-541.	6.1	9
49	Variant Grassmann Manifolds. ACM Transactions on Knowledge Discovery From Data, 2019, 13, 1-23.	3.5	9
50	Mapping the Buried Cable by Ground Penetrating Radar and Gaussian-Process Regression. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-12.	6.3	9
51	Toward Efficient Design Space Exploration for Fault-Tolerant Multiprocessor Systems. IEEE Transactions on Evolutionary Computation, 2020, 24, 157-169.	10.0	8
52	Underground Pipeline Mapping Based on Dirichlet Process Mixture Model. IEEE Access, 2020, 8, 118114-118124.	4.2	8
53	Analysis of Evolutionary Algorithms on Fitness Function With Time-Linkage Property. IEEE Transactions on Evolutionary Computation, 2021, 25, 696-709.	10.0	8
54	Tolerant Markov Boundary Discovery for Feature Selection. , 2020, , .		8

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55	Quality Evaluation of Triples in Knowledge Graph by Incorporating Internal With External Consistency. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 1980-1992.	11.3	8
56	Defect- and Variation-Tolerant Logic Mapping in Nanocrossbar Using Bipartite Matching and Memetic Algorithm. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2016, 24, 2813-2826.	3.1	7
57	Short Sequence Classification Through Discriminable Linear Dynamical System. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 3396-3408.	11.3	7
58	Frequent Pattern Mining in Big Social Graphs. IEEE Transactions on Emerging Topics in Computational Intelligence, 2022, 6, 638-648.	4.9	7
59	A Weighted Heterogeneous Graph-Based Dialog System. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 5212-5217.	11.3	7
60	Efficient Cluster-Based Boosting for Semisupervised Classification. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 5667-5680.	11.3	6
61	Weighted partial order oriented three-way decisions under score-based common voting rules. International Journal of Approximate Reasoning, 2020, 123, 41-54.	3.3	6
62	Short isometric shapelet transform for binary time series classification. Knowledge and Information Systems, 2021, 63, 2023-2051.	3.2	6
63	When non-elitism meets time-linkage problems. , 2021, , .		6
64	Brain-Inspired Search Engine Assistant Based on Knowledge Graph. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 4386-4400.	11.3	6
65	Subarchitecture Ensemble Pruning in Neural Architecture Search. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 7928-7936.	11.3	5
66	Sparse Bayesian approach for feature selection. , 2014, , .		4
67	Disturbance Grassmann Kernels for Subspace-Based Learning. , 2018, , .		4
68	Discriminative Learning in the Model Space for Symbolic Sequence Classification. IEEE Transactions on Emerging Topics in Computational Intelligence, 2021, 5, 154-167.	4.9	4
69	Research Ideas Discovery via Hierarchical Negative Correlation. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 1639-1650.	11.3	4
70	Sequential Data Classification in the Space of Liquid State Machines. Lecture Notes in Computer Science, 2016, , 313-328.	1.3	3
71	Semi-Supervised Graph Pattern Matching and Rematching for Expert Community Location. ACM Transactions on Knowledge Discovery From Data, 2023, 17, 1-26.	3.5	3
72	Multi-objective redundancy hardening with optimal task mapping for independent tasks on multi-cores. Soft Computing, 2020, 24, 981-995.	3.6	1

#	ARTICLE	IF	CITATIONS
73	Analysis of evolutionary algorithms on fitness function with time-linkage property (hot-off-the-press) Tj ETQq1 1 0.784314 rgBT /Over		
74	A Background Knowledge Revising and Incorporating Dialogue Model. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 3874-3884.	11.3	1
75	Do Models Learn the Directionality of Relations? A New Evaluation: Relation Direction Recognition. IEEE Transactions on Emerging Topics in Computational Intelligence, 2022, 6, 883-892.	4.9	1
76	Certainty-based Preference Completion. Data Intelligence, 2022, 4, 112-133.	1.5	1
77	Semi-supervised learning with extremely sparse labeled data on multiple semi-supervised assumptions. , 2011, , .		0
78	Predicting stock trend using multi-objective diversified Echo State Network. , 2017, , .		0
79	Multi-Label Local-to-Global Feature Selection. , 2021, , .		0
80	Contextual-Aware Information Extractor with Adaptive Objective for Chinese Medical Dialogues. ACM Transactions on Asian and Low-Resource Language Information Processing, 0, , .	2.0	0