Tommy W S Chow

List of Publications by Year
in descending order

186 papers	4,920 citations	101384 36 h-index	123241 61 g-index
186 all docs	186 docs citations	186 times ranked	4409 citing authors

#	Article	IF	Citations
1	Motor Bearing Fault Diagnosis Using Trace Ratio Linear Discriminant Analysis. IEEE Transactions on Industrial Electronics, 2014, 61, 2441-2451.	5.2	361
2	A weight initialization method for improving training speed in feedforward neural network. Neurocomputing, 2000, 30, 219-232.	3.5	158
3	Object-Level Video Advertising: An Optimization Framework. IEEE Transactions on Industrial Informatics, 2017, 13, 520-531.	7.2	156
4	Anomaly Detection and Fault Prognosis for Bearings. IEEE Transactions on Instrumentation and Measurement, 2016, 65, 2046-2054.	2.4	155
5	Textual and Visual Content-Based Anti-Phishing: A Bayesian Approach. IEEE Transactions on Neural Networks, 2011, 22, 1532-1546.	4.8	153
6	Estimating Optimal Feature Subsets Using Efficient Estimation of High-Dimensional Mutual Information. IEEE Transactions on Neural Networks, 2005, 16, 213-224.	4.8	138
7	Clustering of the self-organizing map using a clustering validity index based on inter-cluster and intra-cluster density. Pattern Recognition, 2004, 37, 175-188.	5.1	132
8	Effective feature selection scheme using mutual information. Neurocomputing, 2005, 63, 325-343.	3.5	91
9	Trace Ratio Optimization-Based Semi-Supervised Nonlinear Dimensionality Reduction for Marginal Manifold Visualization. IEEE Transactions on Knowledge and Data Engineering, 2013, 25, 1148-1161.	4.0	83
10	A Two-Step Parametric Method for Failure Prediction in Hard Disk Drives. IEEE Transactions on Industrial Informatics, 2014, 10, 419-430.	7.2	82
11	Graph Based Constrained Semi-Supervised Learning Framework via Label Propagation over Adaptive Neighborhood. IEEE Transactions on Knowledge and Data Engineering, 2015, 27, 2362-2376.	4.0	77
12	Probabilistic fault detector for Wireless Sensor Network. Expert Systems With Applications, 2014, 41, 3703-3711.	4.4	76
13	PRSOM: A New Visualization Method by Hybridizing Multidimensional Scaling and Self-Organizing Map. IEEE Transactions on Neural Networks, 2005, 16, 1362-1380.	4.8	74
14	Trace ratio criterion based generalized discriminative learning for semi-supervised dimensionality reduction. Pattern Recognition, 2012, 45, 1482-1499.	5.1	72
15	M-Isomap: Orthogonal Constrained Marginal Isomap for Nonlinear Dimensionality Reduction. IEEE Transactions on Cybernetics, 2013, 43, 180-191.	6.2	71
16	Anomaly detection of cooling fan and fault classification of induction motor using Mahalanobisâ€"Taguchi system. Expert Systems With Applications, 2013, 40, 5787-5795.	4.4	70
17	Automatic image annotation via compact graph based semi-supervised learning. Knowledge-Based Systems, 2015, 76, 148-165.	4.0	70
18	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

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19	Tree2Vector: Learning a Vectorial Representation for Tree-Structured Data. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 5304-5318.	7.2	61
20	A new shifting grid clustering algorithm. Pattern Recognition, 2004, 37, 503-514.	5.1	60
21	Organizing Books and Authors by Multilayer SOM. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 2537-2550.	7.2	60
22	Learning from normalized local and global discriminative information for semi-supervised regression and dimensionality reduction. Information Sciences, 2015, 324, 286-309.	4.0	59
23	Binary- and Multi-class Group Sparse Canonical Correlation Analysis for Feature Extraction and Classification. IEEE Transactions on Knowledge and Data Engineering, 2013, 25, 2192-2205.	4.0	58
24	Neighborhood field for cooperative optimization. Soft Computing, 2013, 17, 819-834.	2.1	57
25	A general soft label based Linear Discriminant Analysis for semi-supervised dimensionality reduction. Neural Networks, 2014, 55, 83-97.	3.3	57
26	A two-dimensional Neighborhood Preserving Projection for appearance-based face recognition. Pattern Recognition, 2012, 45, 1866-1876.	5.1	56
27	Multilayer SOM With Tree-Structured Data for Efficient Document Retrieval and Plagiarism Detection. IEEE Transactions on Neural Networks, 2009, 20, 1385-1402.	4.8	50
28	Training multilayer neural networks using fast global learning algorithm - least-squares and penalized optimization methods. Neurocomputing, 1999, 25, 115-131.	3.5	49
29	An efficient strategy for enhancing traffic capacity by removing links in scale-free networks. Journal of Statistical Mechanics: Theory and Experiment, 2010, 2010, P01016.	0.9	49
30	Matrix completion by least-square, low-rank, and sparse self-representations. Pattern Recognition, 2017, 71, 290-305.	5.1	49
31	PolSOM: A new method for multidimensional data visualization. Pattern Recognition, 2010, 43, 1668-1675.	5.1	48
32	Scalable Spectral Clustering for Overlapping Community Detection in Large-Scale Networks. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 754-767.	4.0	48
33	A new method in determining initial weights of feedforward neural networks for training enhancement. Neurocomputing, 1997, 16, 23-32.	3.5	47
34	Wireless Sensor-Networks Conditions Monitoring and Fault Diagnosis Using Neighborhood Hidden Conditional Random Field. IEEE Transactions on Industrial Informatics, 2016, 12, 933-940.	7.2	43
35	Deep Adversarial Subdomain Adaptation Network for Intelligent Fault Diagnosis. IEEE Transactions on Industrial Informatics, 2022, 18, 6038-6046.	7.2	41
36	Sparse subspace clustering for data with missing entries and high-rank matrix completion. Neural Networks, 2017, 93, 36-44.	3.3	39

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37	Query-oriented text summarization based on hypergraph transversals. Information Processing and Management, 2019, 56, 1317-1338.	5.4	39
38	Self-Organizing and Self-Evolving Neurons: A New Neural Network for Optimization. IEEE Transactions on Neural Networks, 2007, 18, 385-396.	4.8	38
39	Bridging User Interest to Item Content for Recommender Systems: An Optimization Model. IEEE Transactions on Cybernetics, 2020, 50, 4268-4280.	6.2	38
40	Fault Detection for Rolling-Element Bearings Using Multivariate Statistical Process Control Methods. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 3128-3136.	2.4	34
41	A new image classification technique using tree-structured regional features. Neurocomputing, 2007, 70, 1040-1050.	3.5	33
42	Marginal semi-supervised sub-manifold projections with informative constraints for dimensionality reduction and recognition. Neural Networks, 2012, 36, 97-111.	3.3	33
43	Content-based image retrieval by using tree-structured features and multi-layer self-organizing map. Pattern Analysis and Applications, 2006, 9, 1-20.	3.1	31
44	Induction machine fault detection using clone selection programming. Expert Systems With Applications, 2009, 36, 8000-8012.	4.4	31
45	Adaptive iterative learning control of non-linear MIMO continuous systems with iteration-varying initial error and reference trajectory. International Journal of Systems Science, 2013, 44, 786-794.	3.7	31
46	Graph model-based salient object detection using objectness and multiple saliency cues. Neurocomputing, 2019, 323, 188-202.	3.5	31
47	Exactly Robust Kernel Principal Component Analysis. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 749-761.	7.2	31
48	Iterative Learning Control of Linear Discrete-Time Multivariable Systems. Automatica, 1998, 34, 1459-1462.	3.0	30
49	Clone selection programming and its application to symbolic regression. Expert Systems With Applications, 2009, 36, 3996-4005.	4.4	30
50	A new document representation using term frequency and vectorized graph connectionists with application to document retrieval. Expert Systems With Applications, 2009, 36, 12023-12035.	4.4	30
51	Kuiper test and autoregressive model-based approach for wireless sensor network fault diagnosis. Wireless Networks, 2015, 21, 829-839.	2.0	29
52	Route Selection for Cabling Considering Cost Minimization and Earthquake Survivability Via a Semi-Supervised Probabilistic Model. IEEE Transactions on Industrial Informatics, 2017, 13, 502-511.	7.2	29
53	Non-linear matrix completion. Pattern Recognition, 2018, 77, 378-394.	5.1	29
54	Content-based image retrieval using growing hierarchical self-organizing quadtree map. Pattern Recognition, 2005, 38, 707-722.	5.1	28

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55	Maximum Margin Multisurface Support Tensor Machines with application to image classification and segmentation. Expert Systems With Applications, 2012, 39, 849-860.	4.4	28
56	Robust non-negative sparse graph for semi-supervised multi-label learning with missing labels. Information Sciences, 2018, 422, 336-351.	4.0	28
57	Weighted local and global regressive mapping: A new manifold learning method for machine fault classification. Engineering Applications of Artificial Intelligence, 2014, 30, 118-128.	4.3	27
58	Tribological Degradation of Head–Disk Interface in Hard Disk Drives Under Accelerated Wear Condition. IEEE Transactions on Magnetics, 2014, 50, 27-33.	1.2	27
59	Soft label based Linear Discriminant Analysis for image recognition and retrieval. Computer Vision and Image Understanding, 2014, 121, 86-99.	3.0	26
60	Heterogeneous feature subset selection using mutual information-based feature transformation. Neurocomputing, 2015, 168, 706-718.	3.5	26
61	Cell-splitting grid: a self-creating and self-organizing neural network. Neurocomputing, 2004, 57, 373-387.	3.5	25
62	A coarse-to-fine framework to efficiently thwart plagiarism. Pattern Recognition, 2011, 44, 471-487.	5.1	25
63	Constrained large Margin Local Projection algorithms and extensions for multimodal dimensionality reduction. Pattern Recognition, 2012, 45, 4466-4493.	5.1	25
64	Binary neighbourhood field optimisation for unit commitment problems. IET Generation, Transmission and Distribution, 2013, 7, 298-308.	1.4	25
65	Multilabel Classification With Label-Specific Features and Classifiers: A Coarse- and Fine-Tuned Framework. IEEE Transactions on Cybernetics, 2021, 51, 1028-1042.	6.2	25
66	PPoSOM: A new variant of PolSOM by using probabilistic assignment for multidimensional data visualization. Neurocomputing, 2011, 74, 2018-2027.	3.5	24
67	A High-Throughput Zebrafish Screening Method for Visual Mutants by Light-Induced Locomotor Response. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2014, 11, 693-701.	1.9	24
68	Compact Graph based Semi-Supervised Learning for Medical Diagnosis in Alzheimer's Disease. IEEE Signal Processing Letters, 2014, 21, 1192-1196.	2.1	24
69	A New Feature Selection Scheme Using a Data Distribution Factor for Unsupervised Nominal Data. IEEE Transactions on Systems, Man, and Cybernetics, 2008, 38, 499-509.	5.5	23
70	Quasi-sliding mode based repetitive control for nonlinear continuous-time systems with rejection of periodic disturbances. Automatica, 2009, 45, 103-108.	3.0	22
71	Naming Game with Multiple Hearers. Communications in Nonlinear Science and Numerical Simulation, 2013, 18, 1214-1228.	1.7	22
72	Clustering Heterogeneous Data with k-Means by Mutual Information-Based Unsupervised Feature Transformation. Entropy, 2015, 17, 1535-1548.	1.1	22

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73	A Fast Neural Learning Vision System for Crowd Estimation at Underground Stations Platform. Neural Processing Letters, 1999, 10, 111-120.	2.0	21
74	Accelerated low-rank representation for subspace clustering and semi-supervised classification on large-scale data. Neural Networks, 2018, 100, 39-48.	3.3	21
75	Linear neural network based blind equalization. Signal Processing, 1999, 76, 37-42.	2.1	20
76	A flexible multi-layer self-organizing map for generic processing of tree-structured data. Pattern Recognition, 2007, 40, 1406-1424.	5.1	20
77	Robust linearly optimized discriminant analysis. Neurocomputing, 2012, 79, 140-157.	3.5	20
78	Learning with fuzzy hypergraphs: A topical approach to query-oriented text summarization. Information Sciences, 2019, 496, 212-224.	4.0	20
79	Fault diagnosis on wireless sensor network using the neighborhood kernel density estimation. Neural Computing and Applications, 2019, 31, 4019-4030.	3.2	20
80	Iterative learning control for a class of nonlinear discrete-time systems with multiple input delays. International Journal of Systems Science, 2008, 39, 361-369.	3.7	19
81	Novel 3D ultrasound image-based biomarkers based on a feature selection from a 2D standardized vessel wall thickness map: a tool for sensitive assessment of therapies for carotid atherosclerosis. Physics in Medicine and Biology, 2013, 58, 5959-5982.	1.6	19
82	Label-specific feature selection and two-level label recovery for multi-label classification with missing labels. Neural Networks, 2019, 118, 110-126.	3.3	19
83	A local multiobjective optimization algorithm using neighborhood field. Structural and Multidisciplinary Optimization, 2012, 46, 853-870.	1.7	18
84	Trace Ratio Linear Discriminant Analysis for Medical Diagnosis: A Case Study of Dementia. IEEE Signal Processing Letters, 2013, 20, 431-434.	2.1	18
85	A People-Counting System Using a Hybrid RBF Neural Network. Neural Processing Letters, 2003, 18, 97-113.	2.0	17
86	Repetitive Learning Control of Nonlinear Continuous-Time Systems Using Quasi-Sliding Mode. IEEE Transactions on Control Systems Technology, 2007, 15, 369-374.	3.2	17
87	Self-Organizing Potential Field Network: A New Optimization Algorithm. IEEE Transactions on Neural Networks, 2010, 21, 1482-1495.	4.8	17
88	A new dual wing harmonium model for document retrieval. Pattern Recognition, 2009, 42, 2950-2960.	5.1	16
89	Multi-Label Low-dimensional Embedding with Missing Labels. Knowledge-Based Systems, 2017, 137, 65-82.	4.0	16
90	Accelerated training algorithm for feedforward neural networks based on least squares method. Neural Processing Letters, 1995, 2, 20-25.	2.0	15

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91	Enhancing Density-Based Data Reduction Using Entropy. Neural Computation, 2006, 18, 470-495.	1.3	15
92	Sensitive three‐dimensional ultrasound assessment of carotid atherosclerosis by weighted average of local vessel wall and plaque thickness change. Medical Physics, 2017, 44, 5280-5292.	1.6	15
93	Failure Prediction of Hard Disk Drives Based on Adaptive Rao‐Blackwellized Particle Filter Error Tracking Method. IEEE Transactions on Industrial Informatics, 2021, 17, 913-921.	7.2	15
94	Kernel-Based Statistical Process Monitoring and Fault Detection in the Presence of Missing Data. IEEE Transactions on Industrial Informatics, 2022, 18, 4477-4487.	7.2	15
95	Third-order cumulant RLS algorithm for nonminimum ARMA systems identification. Signal Processing, 1997, 61, 23-38.	2.1	14
96	Identifying the biologically relevant gene categories based on gene expression and biological data: an example on prostate cancer. Bioinformatics, 2007, 23, 1503-1510.	1.8	14
97	A Two-Level Inspection Model With Technological Insertions. IEEE Transactions on Reliability, 2012, 61, 479-490.	3.5	14
98	A multi-level matching method with hybrid similarity for document retrieval. Expert Systems With Applications, 2012, 39, 2710-2719.	4.4	14
99	MD‐based approaches for system health monitoring: a review. IET Science, Measurement and Technology, 2017, 11, 371-379.	0.9	14
100	Learning to Match Clothing From Textual Feature-Based Compatible Relationships. IEEE Transactions on Industrial Informatics, 2020, 16, 6750-6759.	7.2	14
101	Adaptive regularization parameter selection method for enhancing generalization capability of neural networks. Artificial Intelligence, 1999, 107, 347-356.	3.9	13
102	Self-Organizing-Map Based Clustering Using a Local Clustering Validity Index. Neural Processing Letters, 2003, 17, 253-271.	2.0	13
103	Multivariate data classification using PolSOM. , 2011, , .		13
104	Synthesis of the sliding-mode neural network controller for unknown nonlinear discrete-time systems. International Journal of Systems Science, 2000, 31, 401-408.	3.7	12
105	A New Color 3D SFS Methodology Using Neural-Based Color Reflectance Models and Iterative Recursive Method. Neural Computation, 2002, 14, 2751-2789.	1.3	12
106	Topic-Based Algorithm for Multilabel Learning With Missing Labels. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 2138-2152.	7.2	12
107	Three-dimensional ultrasound evaluation of the effects of pomegranate therapy on carotid plaque texture using locality preserving projection. Computer Methods and Programs in Biomedicine, 2020, 184, 105276.	2.6	12
108	Multilabel Classification With Group-Based Mapping: A Framework With Local Feature Selection and Local Label Correlation. IEEE Transactions on Cybernetics, 2022, 52, 4596-4610.	6.2	12

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109	Content-based hierarchical document organization using multi-layer hybrid network and tree-structured features. Expert Systems With Applications, 2010, 37, 2874-2881.	4.4	11
110	True and fake information spreading over the Facebook. Physica A: Statistical Mechanics and Its Applications, 2018, 505, 984-994.	1.2	11
111	Matrix Completion via Sparse Factorization Solved by Accelerated Proximal Alternating Linearized Minimization. IEEE Transactions on Big Data, 2020, 6, 119-130.	4.4	11
112	An Enhanced Trace Ratio Linear Discriminant Analysis for Fault Diagnosis: An Illustrated Example Using HDD Data. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 4629-4639.	2.4	10
113	Semantic-Gap-Oriented Feature Selection and Classifier Construction in Multilabel Learning. IEEE Transactions on Cybernetics, 2022, 52, 101-115.	6.2	10
114	Topic-Based Instance and Feature Selection in Multilabel Classification. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 315-329.	7.2	10
115	Effective Gene Selection Method Using Bayesian Discriminant Based Criterion and Genetic Algorithms. Journal of Signal Processing Systems, 2008, 50, 293-304.	1.4	8
116	The competitive information spreading over multiplex social networks. Physica A: Statistical Mechanics and Its Applications, 2018, 503, 981-990.	1.2	8
117	A novel noise robust fourth-order cumulants cost function. Neurocomputing, 1997, 16, 139-147.	3.5	7
118	A Layer-by-Layer Least Squares based Recurrent Networks Training Algorithm: Stalling and Escape. Neural Processing Letters, 1998, 7, 15-25.	2.0	7
119	Enhanced 3D Shape Recovery Using the Neural-Based Hybrid Reflectance Model. Neural Computation, 2001, 13, 2617-2637.	1.3	7
120	Enhanced feature selection models using gradient-based and point injection techniques. Neurocomputing, 2008, 71, 3114-3123.	3.5	7
121	Recognition of word collocation habits using frequency rank ratio and inter-term intimacy. Expert Systems With Applications, 2013, 40, 4301-4314.	4.4	7
122	Analyzing rough set based attribute reductions by extension rule. Neurocomputing, 2014, 123, 185-196.	3.5	7
123	Three-dimensional ultrasound measurements of carotid vessel wall and plaque thickness and their relationship with pulmonary abnormalities in ex-smokers without airflow limitation. International Journal of Cardiovascular Imaging, 2016, 32, 1391-1402.	0.7	7
124	Contour Gradient Optimization. International Journal of Swarm Intelligence Research, 2013, 4, 1-28.	0.5	7
125	Two-dimensional learning strategy for multilayer feedforward neural network. Neurocomputing, 2000, 34, 195-206.	3.5	6
126	Improvement of borrowing channel assignment for patterned traffic load by online cellular probabilistic self-organizing map. Neural Computing and Applications, 2006, 15, 298-309.	3.2	6

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127	Data Reduction for Pattern Recognition and Data Analysis. Studies in Computational Intelligence, 2008, , 81-109.	0.7	6
128	Topology-Based Clustering Using Polar Self-Organizing Map. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 798-808.	7.2	6
129	Prostate lesion delineation from multiparametric magnetic resonance imaging based on locality alignment discriminant analysis. Medical Physics, 2018, 45, 4607-4618.	1.6	6
130	Spectral clustering algorithms for the detection of clusters in block-cyclic and block-acyclic graphs. Journal of Complex Networks, 2019, 7, 1-53.	1.1	6
131	Opinion subset selection via submodular maximization. Information Sciences, 2021, 560, 283-306.	4.0	6
132	Adaptive Particle Filter-Based Approach for RUL Prediction Under Uncertain Varying Stresses With Application to HDD. IEEE Transactions on Industrial Informatics, 2021, 17, 6272-6281.	7.2	6
133	A least third-order cumulants objective function. Neural Processing Letters, 1996, 3, 91-99.	2.0	5
134	A Fast Heuristic Global Learning Algorithm for Multilayer Neural Networks. Neural Processing Letters, 1999, 9, 177-187.	2.0	5
135	Blind adaptive identification of FIR channel in chaotic communication systems. Chinese Physics B, 2004, 13, 329-334.	1.3	5
136	Network topological optimization for packet routing using multi-objective simulated annealing method. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 871-880.	1.2	5
137	ITR-Score algorithm: An efficient Trace ratio criterion based algorithm for supervised dimensionality reduction. , 2011, , .		5
138	On the theoretical and computational analysis between Trace Ratio LDA and null-space LDA. , 2012, , .		5
139	A novel feature selection method and its application. Journal of Intelligent Information Systems, 2013, 41, 235-268.	2.8	5
140	Locality Constrained-â„" Sparse Subspace Clustering for Image Clustering. Neurocomputing, 2016, 205, 22-31.	3.5	5
141	Feedforward Neural Networks Based Input-Output Models for Railway Carriage System Identification. Neural Processing Letters, 1997, 5, 57-67.	2.0	4
142	Least third-order cumulant method with adaptive regularization parameter selection for neural networks. Artificial Intelligence, 2001, 127, 169-197.	3.9	4
143	Wireless sensor network fault detection via semi-supervised local kernel density estimation. , 2015, , .		4
144	Rolling fault diagnosis via robust semi-supervised model with capped l<inf>2,1</inf>-norm regularization. , 2017, , .		4

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145	Nonlinear Dimensionality Reduction for Data with Disconnected Neighborhood Graph. Neural Processing Letters, 2018, 47, 697.	2.0	4
146	An exponential triangle model for the Facebook network based on big data. , 2017, , .		4
147	Hard Disk Drives Failure Detection Using A Dynamic Tracking Method. , 2019, , .		4
148	Spatiotemporal Tree Filtering for Enhancing Image Change Detection. IEEE Transactions on Image Processing, 2020, 29, 8805-8820.	6.0	4
149	Duration Modeling with Semi-Markov Conditional Random Fields for Keyphrase Extraction. IEEE Transactions on Knowledge and Data Engineering, 2021, 33, 1453-1466.	4.0	4
150	Face Matching in Large Database by Self-Organizing Maps. Neural Processing Letters, 2006, 23, 305-323.	2.0	3
151	Computational accounting in determining Chart of Accounts using nominal data analysis and concept of entropy. Expert Systems With Applications, 2009, 36, 6966-6977.	4.4	3
152	A novel dual wing harmonium model aided by 2-D wavelet transform subbands for document data mining. Expert Systems With Applications, 2010, 37, 4403-4412.	4.4	3
153	Random walk-based fuzzy linear discriminant analysis for dimensionality reduction. Soft Computing, 2012, 16, 1393-1409.	2.1	3
154	Label propagation and soft-similarity measure for graph based Constrained Semi-Supervised Learning. , 2014, , .		3
155	Mining language variation using word using and collocation characteristics. Expert Systems With Applications, 2014, 41, 7805-7819.	4.4	3
156	Locality Alignment Discriminant Analysis for Visualizing Regional English. Neural Processing Letters, 2016, 43, 295-307.	2.0	3
157	Prostate lesion detection and localization based on locality alignment discriminant analysis. Proceedings of SPIE, 2017, , .	0.8	3
158	A Hypergraph Model for Incorporating Social Interactions in Collaborative Filtering. , 2017, , .		3
159	Robust face recognition using generalized neural reflectance model. Neural Computing and Applications, 2006, 15, 170-182.	3.2	2
160	Improving the effectiveness of RBF classifier based on a hybrid cost function. Neural Computing and Applications, 2007, 16, 395-405.	3.2	2
161	A segmentation based approach for shape recovery from multi-color images. , 2010, , .		2
162	On the Theoretical and Computational Analysis between SDA and Lap-LDA. , 2012, , .		2

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163	Validation Index for Transactional Clustering. Journal of Pattern Recognition Research, 2009, 4, 79-91.	0.9	2
164	Clonal selection programming for rotational machine fault classification and diagnosis. , 2011, , .		1
165	Extracting the informative constraints for semi-supervised marginal projections in multimodal dimensionality reduction. , 2012, , .		1
166	SEMISUPERVISED MULTIMODAL DIMENSIONALITY REDUCTION. Computational Intelligence, 2013, 29, 70-110.	2.1	1
167	Image retrieval using an improved similarity measure: SRIC Similarity with Region Importance and Consistency. , 2014, , .		1
168	Text style analysis using trace ratio criterion patch alignment embedding. Neurocomputing, 2014, 136, 201-212.	3.5	1
169	Adaptive Remaining Useful Lifetime Prediction of Magnetic Head under Varying Stress Conditions. , 2019, , .		1
170	Modeling Sequential Annotations for Sequence Labeling With Crowds. IEEE Transactions on Cybernetics, 2023, 53, 2335-2345.	6.2	1
171	Nonlinear dilation network for prediction applications. Engineering Applications of Artificial Intelligence, 1996, 9, 301-308.	4.3	0
172	A Neural Network Based Shape-from-Shading Measuring Technique for Engineering Industries. Measurement and Control, 2001, 34, 212-215.	0.9	0
173	Piecewise Linear Projection Based on Self-Organizing Map. Neural Processing Letters, 2002, 16, 151-163.	2.0	0
174	Shape From Shading by Using Neural Based Colour Reflectance Model. Neural Processing Letters, 2002, 16, 121-136.	2.0	0
175	An Improved Multipath Channel Identification Algorithm Using Mulichannel Linear Prediction. Circuits, Systems, and Signal Processing, 2004, 23, 153-168.	1.2	0
176	Using Cellular Probabilistic Self-Organizing Map in Borrowing Channel Assignment for Patterned Traffic Load. Neural Processing Letters, 2006, 23, 71-88.	2.0	0
177	Generalized Particle Swarm Optimizer with Tracking Multiple Local Optima for Multimodal Functions Optimization. , 2009, , .		0
178	Guest editorial: special issue on the emerging applications of neural networks. Neural Computing and Applications, 2011, 20, 923-924.	3.2	0
179	Local cooperation delivers global optimization. , 2012, , .		0
180	Wireless sensor network faulty scenes diagnosis using high dimensional Neighborhood Hidden Conditional Random Field. , 2015, , .		0

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181	Incorporating word embeddings in the hierarchical dirichlet process for query-oriented text summarization. , 2017, , .		0
182	Piecewise Large Margin Learning for Partially Annotated Sequences. , 2019, , .		0
183	Weak Disambiguation for Partial Structured Output Learning. IEEE Transactions on Cybernetics, 2022, 52, 1258-1268.	6.2	0
184	Monotone submodular subset for sentiment analysis of online reviews. Neural Computing and Applications, 2021, 33, 12381-12396.	3.2	0
185	An Excellent Feature Selection Model Using Gradient-Based and Point Injection Techniques. Lecture Notes in Computer Science, 2006, , 679-692.	1.0	0
186	Modeling Self-Representation Label Correlations for Textual Aspects and Emojis Recommendation. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 10762-10774.	7.2	0