

# Tommy W S Chow

## List of Publications by Year in descending order

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186  
papers

4,920  
citations

101543

36  
h-index

123424

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.	7.9	361
2	A weight initialization method for improving training speed in feedforward neural network. Neurocomputing, 2000, 30, 219-232.	5.9	158
3	Object-Level Video Advertising: An Optimization Framework. IEEE Transactions on Industrial Informatics, 2017, 13, 520-531.	11.3	156
4	Anomaly Detection and Fault Prognosis for Bearings. IEEE Transactions on Instrumentation and Measurement, 2016, 65, 2046-2054.	4.7	155
5	Textual and Visual Content-Based Anti-Phishing: A Bayesian Approach. IEEE Transactions on Neural Networks, 2011, 22, 1532-1546.	4.2	153
6	Estimating Optimal Feature Subsets Using Efficient Estimation of High-Dimensional Mutual Information. IEEE Transactions on Neural Networks, 2005, 16, 213-224.	4.2	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.	8.1	132
8	Effective feature selection scheme using mutual information. Neurocomputing, 2005, 63, 325-343.	5.9	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.	5.7	83
10	A Two-Step Parametric Method for Failure Prediction in Hard Disk Drives. IEEE Transactions on Industrial Informatics, 2014, 10, 419-430.	11.3	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.	5.7	77
12	Probabilistic fault detector for Wireless Sensor Network. Expert Systems With Applications, 2014, 41, 3703-3711.	7.6	76
13	PR-SOM: A New Visualization Method by Hybridizing Multidimensional Scaling and Self-Organizing Map. IEEE Transactions on Neural Networks, 2005, 16, 1362-1380.	4.2	74
14	Trace ratio criterion based generalized discriminative learning for semi-supervised dimensionality reduction. Pattern Recognition, 2012, 45, 1482-1499.	8.1	72
15	M-Isomap: Orthogonal Constrained Marginal Isomap for Nonlinear Dimensionality Reduction. IEEE Transactions on Cybernetics, 2013, 43, 180-191.	9.5	71
16	Anomaly detection of cooling fan and fault classification of induction motor using Mahalanobis-Taguchi system. Expert Systems With Applications, 2013, 40, 5787-5795.	7.6	70
17	Automatic image annotation via compact graph based semi-supervised learning. Knowledge-Based Systems, 2015, 76, 148-165.	7.1	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.	5.3	68

#	ARTICLE	IF	CITATIONS
19	Tree2Vector: Learning a Vectorial Representation for Tree-Structured Data. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 5304-5318.	11.3	61
20	A new shifting grid clustering algorithm. Pattern Recognition, 2004, 37, 503-514.	8.1	60
21	Organizing Books and Authors by Multilayer SOM. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 2537-2550.	11.3	60
22	Learning from normalized local and global discriminative information for semi-supervised regression and dimensionality reduction. Information Sciences, 2015, 324, 286-309.	6.9	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.	5.7	58
24	Neighborhood field for cooperative optimization. Soft Computing, 2013, 17, 819-834.	3.6	57
25	A general soft label based Linear Discriminant Analysis for semi-supervised dimensionality reduction. Neural Networks, 2014, 55, 83-97.	5.9	57
26	A two-dimensional Neighborhood Preserving Projection for appearance-based face recognition. Pattern Recognition, 2012, 45, 1866-1876.	8.1	56
27	Multilayer SOM With Tree-Structured Data for Efficient Document Retrieval and Plagiarism Detection. IEEE Transactions on Neural Networks, 2009, 20, 1385-1402.	4.2	50
28	Training multilayer neural networks using fast global learning algorithm - least-squares and penalized optimization methods. Neurocomputing, 1999, 25, 115-131.	5.9	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.	2.3	49
30	Matrix completion by least-square, low-rank, and sparse self-representations. Pattern Recognition, 2017, 71, 290-305.	8.1	49
31	PolSOM: A new method for multidimensional data visualization. Pattern Recognition, 2010, 43, 1668-1675.	8.1	48
32	Scalable Spectral Clustering for Overlapping Community Detection in Large-Scale Networks. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 754-767.	5.7	48
33	A new method in determining initial weights of feedforward neural networks for training enhancement. Neurocomputing, 1997, 16, 23-32.	5.9	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.	11.3	43
35	Deep Adversarial Subdomain Adaptation Network for Intelligent Fault Diagnosis. IEEE Transactions on Industrial Informatics, 2022, 18, 6038-6046.	11.3	41
36	Sparse subspace clustering for data with missing entries and high-rank matrix completion. Neural Networks, 2017, 93, 36-44.	5.9	39

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37	Query-oriented text summarization based on hypergraph transversals. Information Processing and Management, 2019, 56, 1317-1338.	8.6	39
38	Self-Organizing and Self-Evolving Neurons: A New Neural Network for Optimization. IEEE Transactions on Neural Networks, 2007, 18, 385-396.	4.2	38
39	Bridging User Interest to Item Content for Recommender Systems: An Optimization Model. IEEE Transactions on Cybernetics, 2020, 50, 4268-4280.	9.5	38
40	Fault Detection for Rolling-Element Bearings Using Multivariate Statistical Process Control Methods. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 3128-3136.	4.7	34
41	A new image classification technique using tree-structured regional features. Neurocomputing, 2007, 70, 1040-1050.	5.9	33
42	Marginal semi-supervised sub-manifold projections with informative constraints for dimensionality reduction and recognition. Neural Networks, 2012, 36, 97-111.	5.9	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.	4.6	31
44	Induction machine fault detection using clone selection programming. Expert Systems With Applications, 2009, 36, 8000-8012.	7.6	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.	5.5	31
46	Graph model-based salient object detection using objectness and multiple saliency cues. Neurocomputing, 2019, 323, 188-202.	5.9	31
47	Exactly Robust Kernel Principal Component Analysis. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 749-761.	11.3	31
48	Iterative Learning Control of Linear Discrete-Time Multivariable Systems. Automatica, 1998, 34, 1459-1462.	5.0	30
49	Clone selection programming and its application to symbolic regression. Expert Systems With Applications, 2009, 36, 3996-4005.	7.6	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.	7.6	30
51	Kuiper test and autoregressive model-based approach for wireless sensor network fault diagnosis. Wireless Networks, 2015, 21, 829-839.	3.0	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.	11.3	29
53	Non-linear matrix completion. Pattern Recognition, 2018, 77, 378-394.	8.1	29
54	Content-based image retrieval using growing hierarchical self-organizing quadtree map. Pattern Recognition, 2005, 38, 707-722.	8.1	28

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55	Maximum Margin Multisurface Support Tensor Machines with application to image classification and segmentation. <i>Expert Systems With Applications</i> , 2012, 39, 849-860.	7.6	28
56	Robust non-negative sparse graph for semi-supervised multi-label learning with missing labels. <i>Information Sciences</i> , 2018, 422, 336-351.	6.9	28
57	Weighted local and global regressive mapping: A new manifold learning method for machine fault classification. <i>Engineering Applications of Artificial Intelligence</i> , 2014, 30, 118-128.	8.1	27
58	Tribological Degradation of Head-Disk Interface in Hard Disk Drives Under Accelerated Wear Condition. <i>IEEE Transactions on Magnetics</i> , 2014, 50, 27-33.	2.1	27
59	Soft label based Linear Discriminant Analysis for image recognition and retrieval. <i>Computer Vision and Image Understanding</i> , 2014, 121, 86-99.	4.7	26
60	Heterogeneous feature subset selection using mutual information-based feature transformation. <i>Neurocomputing</i> , 2015, 168, 706-718.	5.9	26
61	Cell-splitting grid: a self-creating and self-organizing neural network. <i>Neurocomputing</i> , 2004, 57, 373-387.	5.9	25
62	A coarse-to-fine framework to efficiently thwart plagiarism. <i>Pattern Recognition</i> , 2011, 44, 471-487.	8.1	25
63	Constrained large Margin Local Projection algorithms and extensions for multimodal dimensionality reduction. <i>Pattern Recognition</i> , 2012, 45, 4466-4493.	8.1	25
64	Binary neighbourhood field optimisation for unit commitment problems. <i>IET Generation, Transmission and Distribution</i> , 2013, 7, 298-308.	2.5	25
65	Multilabel Classification With Label-Specific Features and Classifiers: A Coarse- and Fine-Tuned Framework. <i>IEEE Transactions on Cybernetics</i> , 2021, 51, 1028-1042.	9.5	25
66	PPoSOM: A new variant of PoSOM by using probabilistic assignment for multidimensional data visualization. <i>Neurocomputing</i> , 2011, 74, 2018-2027.	5.9	24
67	A High-Throughput Zebrafish Screening Method for Visual Mutants by Light-Induced Locomotor Response. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2014, 11, 693-701.	3.0	24
68	Compact Graph based Semi-Supervised Learning for Medical Diagnosis in Alzheimer's Disease. <i>IEEE Signal Processing Letters</i> , 2014, 21, 1192-1196.	3.6	24
69	A New Feature Selection Scheme Using a Data Distribution Factor for Unsupervised Nominal Data. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2008, 38, 499-509.	5.0	23
70	Quasi-sliding mode based repetitive control for nonlinear continuous-time systems with rejection of periodic disturbances. <i>Automatica</i> , 2009, 45, 103-108.	5.0	22
71	Naming Game with Multiple Hearers. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2013, 18, 1214-1228.	3.3	22
72	Clustering Heterogeneous Data with k-Means by Mutual Information-Based Unsupervised Feature Transformation. <i>Entropy</i> , 2015, 17, 1535-1548.	2.2	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.	3.2	21
74	Accelerated low-rank representation for subspace clustering and semi-supervised classification on large-scale data. Neural Networks, 2018, 100, 39-48.	5.9	21
75	Linear neural network based blind equalization. Signal Processing, 1999, 76, 37-42.	3.7	20
76	A flexible multi-layer self-organizing map for generic processing of tree-structured data. Pattern Recognition, 2007, 40, 1406-1424.	8.1	20
77	Robust linearly optimized discriminant analysis. Neurocomputing, 2012, 79, 140-157.	5.9	20
78	Learning with fuzzy hypergraphs: A topical approach to query-oriented text summarization. Information Sciences, 2019, 496, 212-224.	6.9	20
79	Fault diagnosis on wireless sensor network using the neighborhood kernel density estimation. Neural Computing and Applications, 2019, 31, 4019-4030.	5.6	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.	5.5	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.	3.0	19
82	Label-specific feature selection and two-level label recovery for multi-label classification with missing labels. Neural Networks, 2019, 118, 110-126.	5.9	19
83	A local multiobjective optimization algorithm using neighborhood field. Structural and Multidisciplinary Optimization, 2012, 46, 853-870.	3.5	18
84	Trace Ratio Linear Discriminant Analysis for Medical Diagnosis: A Case Study of Dementia. IEEE Signal Processing Letters, 2013, 20, 431-434.	3.6	18
85	A People-Counting System Using a Hybrid RBF Neural Network. Neural Processing Letters, 2003, 18, 97-113.	3.2	17
86	Repetitive Learning Control of Nonlinear Continuous-Time Systems Using Quasi-Sliding Mode. IEEE Transactions on Control Systems Technology, 2007, 15, 369-374.	5.2	17
87	Self-Organizing Potential Field Network: A New Optimization Algorithm. IEEE Transactions on Neural Networks, 2010, 21, 1482-1495.	4.2	17
88	A new dual wing harmonium model for document retrieval. Pattern Recognition, 2009, 42, 2950-2960.	8.1	16
89	Multi-Label Low-dimensional Embedding with Missing Labels. Knowledge-Based Systems, 2017, 137, 65-82.	7.1	16
90	Accelerated training algorithm for feedforward neural networks based on least squares method. Neural Processing Letters, 1995, 2, 20-25.	3.2	15

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91	Enhancing Density-Based Data Reduction Using Entropy. <i>Neural Computation</i> , 2006, 18, 470-495.	2.2	15
92	Sensitive three-dimensional ultrasound assessment of carotid atherosclerosis by weighted average of local vessel wall and plaque thickness change. <i>Medical Physics</i> , 2017, 44, 5280-5292.	3.0	15
93	Failure Prediction of Hard Disk Drives Based on Adaptive Rao-Blackwellized Particle Filter Error Tracking Method. <i>IEEE Transactions on Industrial Informatics</i> , 2021, 17, 913-921.	11.3	15
94	Kernel-Based Statistical Process Monitoring and Fault Detection in the Presence of Missing Data. <i>IEEE Transactions on Industrial Informatics</i> , 2022, 18, 4477-4487.	11.3	15
95	Third-order cumulant RLS algorithm for nonminimum ARMA systems identification. <i>Signal Processing</i> , 1997, 61, 23-38.	3.7	14
96	Identifying the biologically relevant gene categories based on gene expression and biological data: an example on prostate cancer. <i>Bioinformatics</i> , 2007, 23, 1503-1510.	4.1	14
97	A Two-Level Inspection Model With Technological Insertions. <i>IEEE Transactions on Reliability</i> , 2012, 61, 479-490.	4.6	14
98	A multi-level matching method with hybrid similarity for document retrieval. <i>Expert Systems With Applications</i> , 2012, 39, 2710-2719.	7.6	14
99	MD-based approaches for system health monitoring: a review. <i>IET Science, Measurement and Technology</i> , 2017, 11, 371-379.	1.6	14
100	Learning to Match Clothing From Textual Feature-Based Compatible Relationships. <i>IEEE Transactions on Industrial Informatics</i> , 2020, 16, 6750-6759.	11.3	14
101	Adaptive regularization parameter selection method for enhancing generalization capability of neural networks. <i>Artificial Intelligence</i> , 1999, 107, 347-356.	5.8	13
102	Self-Organizing-Map Based Clustering Using a Local Clustering Validity Index. <i>Neural Processing Letters</i> , 2003, 17, 253-271.	3.2	13
103	Multivariate data classification using PoSOM. , 2011, , .		13
104	Synthesis of the sliding-mode neural network controller for unknown nonlinear discrete-time systems. <i>International Journal of Systems Science</i> , 2000, 31, 401-408.	5.5	12
105	A New Color 3D SFS Methodology Using Neural-Based Color Reflectance Models and Iterative Recursive Method. <i>Neural Computation</i> , 2002, 14, 2751-2789.	2.2	12
106	Topic-Based Algorithm for Multilabel Learning With Missing Labels. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019, 30, 2138-2152.	11.3	12
107	Three-dimensional ultrasound evaluation of the effects of pomegranate therapy on carotid plaque texture using locality preserving projection. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 184, 105276.	4.7	12
108	Multilabel Classification With Group-Based Mapping: A Framework With Local Feature Selection and Local Label Correlation. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 4596-4610.	9.5	12

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109	Content-based hierarchical document organization using multi-layer hybrid network and tree-structured features. <i>Expert Systems With Applications</i> , 2010, 37, 2874-2881.	7.6	11
110	True and fake information spreading over the Facebook. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 505, 984-994.	2.6	11
111	Matrix Completion via Sparse Factorization Solved by Accelerated Proximal Alternating Linearized Minimization. <i>IEEE Transactions on Big Data</i> , 2020, 6, 119-130.	6.1	11
112	An Enhanced Trace Ratio Linear Discriminant Analysis for Fault Diagnosis: An Illustrated Example Using HDD Data. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2019, 68, 4629-4639.	4.7	10
113	Semantic-Gap-Oriented Feature Selection and Classifier Construction in Multilabel Learning. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 101-115.	9.5	10
114	Topic-Based Instance and Feature Selection in Multilabel Classification. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2022, 33, 315-329.	11.3	10
115	Effective Gene Selection Method Using Bayesian Discriminant Based Criterion and Genetic Algorithms. <i>Journal of Signal Processing Systems</i> , 2008, 50, 293-304.	2.1	8
116	The competitive information spreading over multiplex social networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 503, 981-990.	2.6	8
117	A novel noise robust fourth-order cumulants cost function. <i>Neurocomputing</i> , 1997, 16, 139-147.	5.9	7
118	A Layer-by-Layer Least Squares based Recurrent Networks Training Algorithm: Stalling and Escape. <i>Neural Processing Letters</i> , 1998, 7, 15-25.	3.2	7
119	Enhanced 3D Shape Recovery Using the Neural-Based Hybrid Reflectance Model. <i>Neural Computation</i> , 2001, 13, 2617-2637.	2.2	7
120	Enhanced feature selection models using gradient-based and point injection techniques. <i>Neurocomputing</i> , 2008, 71, 3114-3123.	5.9	7
121	Recognition of word collocation habits using frequency rank ratio and inter-term intimacy. <i>Expert Systems With Applications</i> , 2013, 40, 4301-4314.	7.6	7
122	Analyzing rough set based attribute reductions by extension rule. <i>Neurocomputing</i> , 2014, 123, 185-196.	5.9	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. <i>International Journal of Cardiovascular Imaging</i> , 2016, 32, 1391-1402.	1.5	7
124	Contour Gradient Optimization. <i>International Journal of Swarm Intelligence Research</i> , 2013, 4, 1-28.	0.7	7
125	Two-dimensional learning strategy for multilayer feedforward neural network. <i>Neurocomputing</i> , 2000, 34, 195-206.	5.9	6
126	Improvement of borrowing channel assignment for patterned traffic load by online cellular probabilistic self-organizing map. <i>Neural Computing and Applications</i> , 2006, 15, 298-309.	5.6	6



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127	Data Reduction for Pattern Recognition and Data Analysis. Studies in Computational Intelligence, 2008, , 81-109.	0.9	6
128	Topology-Based Clustering Using Polar Self-Organizing Map. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 798-808.	11.3	6
129	Prostate lesion delineation from multiparametric magnetic resonance imaging based on locality alignment discriminant analysis. Medical Physics, 2018, 45, 4607-4618.	3.0	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.	1.8	6
131	Opinion subset selection via submodular maximization. Information Sciences, 2021, 560, 283-306.	6.9	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.	11.3	6
133	A least third-order cumulants objective function. Neural Processing Letters, 1996, 3, 91-99.	3.2	5
134	A Fast Heuristic Global Learning Algorithm for Multilayer Neural Networks. Neural Processing Letters, 1999, 9, 177-187.	3.2	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.	2.6	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.	3.9	5
140	Locality Constrained- $\alpha$ , " Sparse Subspace Clustering for Image Clustering. Neurocomputing, 2016, 205, 22-31.	5.9	5
141	Feedforward Neural Networks Based Input-Output Models for Railway Carriage System Identification. Neural Processing Letters, 1997, 5, 57-67.	3.2	4
142	Least third-order cumulant method with adaptive regularization parameter selection for neural networks. Artificial Intelligence, 2001, 127, 169-197.	5.8	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 $l_1$ -norm regularization. , 2017, , .		4

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145	Nonlinear Dimensionality Reduction for Data with Disconnected Neighborhood Graph. Neural Processing Letters, 2018, 47, 697.	3.2	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.	9.8	4
149	Duration Modeling with Semi-Markov Conditional Random Fields for Keyphrase Extraction. IEEE Transactions on Knowledge and Data Engineering, 2021, 33, 1453-1466.	5.7	4
150	Face Matching in Large Database by Self-Organizing Maps. Neural Processing Letters, 2006, 23, 305-323.	3.2	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.	7.6	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.	7.6	3
153	Random walk-based fuzzy linear discriminant analysis for dimensionality reduction. Soft Computing, 2012, 16, 1393-1409.	3.6	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.	7.6	3
156	Locality Alignment Discriminant Analysis for Visualizing Regional English. Neural Processing Letters, 2016, 43, 295-307.	3.2	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.	5.6	2
160	Improving the effectiveness of RBF classifier based on a hybrid cost function. Neural Computing and Applications, 2007, 16, 395-405.	5.6	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.	3.2	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.	5.9	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.	9.5	1
171	Nonlinear dilation network for prediction applications. Engineering Applications of Artificial Intelligence, 1996, 9, 301-308.	8.1	0
172	A Neural Network Based Shape-from-Shading Measuring Technique for Engineering Industries. Measurement and Control, 2001, 34, 212-215.	1.8	0
173	Piecewise Linear Projection Based on Self-Organizing Map. Neural Processing Letters, 2002, 16, 151-163.	3.2	0
174	Shape From Shading by Using Neural Based Colour Reflectance Model. Neural Processing Letters, 2002, 16, 121-136.	3.2	0
175	An Improved Multipath Channel Identification Algorithm Using Multichannel Linear Prediction. Circuits, Systems, and Signal Processing, 2004, 23, 153-168.	2.0	0
176	Using Cellular Probabilistic Self-Organizing Map in Borrowing Channel Assignment for Patterned Traffic Load. Neural Processing Letters, 2006, 23, 71-88.	3.2	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.	5.6	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.	9.5	0
184	Monotone submodular subset for sentiment analysis of online reviews. Neural Computing and Applications, 2021, 33, 12381-12396.	5.6	0
185	An Excellent Feature Selection Model Using Gradient-Based and Point Injection Techniques. Lecture Notes in Computer Science, 2006, , 679-692.	1.3	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.	11.3	0