

# Tommy W S Chow

## List of Publications by Year in descending order

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186  
papers

4,920  
citations

101543

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186  
all docs

186  
docs citations

186  
times ranked

4409  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling Sequential Annotations for Sequence Labeling With Crowds. IEEE Transactions on Cybernetics, 2023, 53, 2335-2345.	9.5	1
2	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
3	Weak Disambiguation for Partial Structured Output Learning. IEEE Transactions on Cybernetics, 2022, 52, 1258-1268.	9.5	0
4	Semantic-Gap-Oriented Feature Selection and Classifier Construction in Multilabel Learning. IEEE Transactions on Cybernetics, 2022, 52, 101-115.	9.5	10
5	Kernel-Based Statistical Process Monitoring and Fault Detection in the Presence of Missing Data. IEEE Transactions on Industrial Informatics, 2022, 18, 4477-4487.	11.3	15
6	Multilabel Classification With Group-Based Mapping: A Framework With Local Feature Selection and Local Label Correlation. IEEE Transactions on Cybernetics, 2022, 52, 4596-4610.	9.5	12
7	Topic-Based Instance and Feature Selection in Multilabel Classification. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 315-329.	11.3	10
8	Deep Adversarial Subdomain Adaptation Network for Intelligent Fault Diagnosis. IEEE Transactions on Industrial Informatics, 2022, 18, 6038-6046.	11.3	41
9	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.	11.3	15
10	Multilabel Classification With Label-Specific Features and Classifiers: A Coarse- and Fine-Tuned Framework. IEEE Transactions on Cybernetics, 2021, 51, 1028-1042.	9.5	25
11	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
12	Monotone submodular subset for sentiment analysis of online reviews. Neural Computing and Applications, 2021, 33, 12381-12396.	5.6	0
13	Opinion subset selection via submodular maximization. Information Sciences, 2021, 560, 283-306.	6.9	6
14	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
15	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
16	Matrix Completion via Sparse Factorization Solved by Accelerated Proximal Alternating Linearized Minimization. IEEE Transactions on Big Data, 2020, 6, 119-130.	6.1	11
17	Exactly Robust Kernel Principal Component Analysis. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 749-761.	11.3	31
18	Bridging User Interest to Item Content for Recommender Systems: An Optimization Model. IEEE Transactions on Cybernetics, 2020, 50, 4268-4280.	9.5	38

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19	Learning to Match Clothing From Textual Feature-Based Compatible Relationships. IEEE Transactions on Industrial Informatics, 2020, 16, 6750-6759.	11.3	14
20	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.	4.7	12
21	Spatiotemporal Tree Filtering for Enhancing Image Change Detection. IEEE Transactions on Image Processing, 2020, 29, 8805-8820.	9.8	4
22	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
23	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.	4.7	10
24	Learning with fuzzy hypergraphs: A topical approach to query-oriented text summarization. Information Sciences, 2019, 496, 212-224.	6.9	20
25	Query-oriented text summarization based on hypergraph transversals. Information Processing and Management, 2019, 56, 1317-1338.	8.6	39
26	Hard Disk Drives Failure Detection Using A Dynamic Tracking Method. , 2019, , .		4
27	Piecewise Large Margin Learning for Partially Annotated Sequences. , 2019, , .		0
28	Adaptive Remaining Useful Lifetime Prediction of Magnetic Head under Varying Stress Conditions. , 2019, , .		1
29	Topic-Based Algorithm for Multilabel Learning With Missing Labels. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 2138-2152.	11.3	12
30	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
31	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
32	Graph model-based salient object detection using objectness and multiple saliency cues. Neurocomputing, 2019, 323, 188-202.	5.9	31
33	Fault diagnosis on wireless sensor network using the neighborhood kernel density estimation. Neural Computing and Applications, 2019, 31, 4019-4030.	5.6	20
34	Nonlinear Dimensionality Reduction for Data with Disconnected Neighborhood Graph. Neural Processing Letters, 2018, 47, 697.	3.2	4
35	Accelerated low-rank representation for subspace clustering and semi-supervised classification on large-scale data. Neural Networks, 2018, 100, 39-48.	5.9	21
36	True and fake information spreading over the Facebook. Physica A: Statistical Mechanics and Its Applications, 2018, 505, 984-994.	2.6	11

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37	Tree2Vector: Learning a Vectorial Representation for Tree-Structured Data. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 5304-5318.	11.3	61
38	Non-linear matrix completion. Pattern Recognition, 2018, 77, 378-394.	8.1	29
39	Robust non-negative sparse graph for semi-supervised multi-label learning with missing labels. Information Sciences, 2018, 422, 336-351.	6.9	28
40	Prostate lesion delineation from multiparametric magnetic resonance imaging based on locality alignment discriminant analysis. Medical Physics, 2018, 45, 4607-4618.	3.0	6
41	The competitive information spreading over multiplex social networks. Physica A: Statistical Mechanics and Its Applications, 2018, 503, 981-990.	2.6	8
42	Object-Level Video Advertising: An Optimization Framework. IEEE Transactions on Industrial Informatics, 2017, 13, 520-531.	11.3	156
43	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
44	Matrix completion by least-square, low-rank, and sparse self-representations. Pattern Recognition, 2017, 71, 290-305.	8.1	49
45	Rolling fault diagnosis via robust semi-supervised model with capped $l_{2,1}$ -norm regularization. , 2017, , .		4
46	Sparse subspace clustering for data with missing entries and high-rank matrix completion. Neural Networks, 2017, 93, 36-44.	5.9	39
47	Prostate lesion detection and localization based on locality alignment discriminant analysis. Proceedings of SPIE, 2017, , .	0.8	3
48	Multi-Label Low-dimensional Embedding with Missing Labels. Knowledge-Based Systems, 2017, 137, 65-82.	7.1	16
49	MD-based approaches for system health monitoring: a review. IET Science, Measurement and Technology, 2017, 11, 371-379.	1.6	14
50	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.	3.0	15
51	A Hypergraph Model for Incorporating Social Interactions in Collaborative Filtering. , 2017, , .		3
52	Incorporating word embeddings in the hierarchical dirichlet process for query-oriented text summarization. , 2017, , .		0
53	An exponential triangle model for the Facebook network based on big data. , 2017, , .		4
54	Anomaly Detection and Fault Prognosis for Bearings. IEEE Transactions on Instrumentation and Measurement, 2016, 65, 2046-2054.	4.7	155

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55	Locality Constrained-â,,“ Sparse Subspace Clustering for Image Clustering. Neurocomputing, 2016, 205, 22-31.	5.9	5
56	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
57	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.	1.5	7
58	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
59	Organizing Books and Authors by Multilayer SOM. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 2537-2550.	11.3	60
60	Locality Alignment Discriminant Analysis for Visualizing Regional English. Neural Processing Letters, 2016, 43, 295-307.	3.2	3
61	Wireless sensor network faulty scenes diagnosis using high dimensional Neighborhood Hidden Conditional Random Field. , 2015, , .		0
62	Automatic image annotation via compact graph based semi-supervised learning. Knowledge-Based Systems, 2015, 76, 148-165.	7.1	70
63	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
64	Clustering Heterogeneous Data with k-Means by Mutual Information-Based Unsupervised Feature Transformation. Entropy, 2015, 17, 1535-1548.	2.2	22
65	Heterogeneous feature subset selection using mutual information-based feature transformation. Neurocomputing, 2015, 168, 706-718.	5.9	26
66	Wireless sensor network fault detection via semi-supervised local kernel density estimation. , 2015, , .		4
67	Learning from normalized local and global discriminative information for semi-supervised regression and dimensionality reduction. Information Sciences, 2015, 324, 286-309.	6.9	59
68	Topology-Based Clustering Using Polar Self-Organizing Map. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 798-808.	11.3	6
69	Kuiper test and autoregressive model-based approach for wireless sensor network fault diagnosis. Wireless Networks, 2015, 21, 829-839.	3.0	29
70	Image retrieval using an improved similarity measure: SRIC Similarity with Region Importance and Consistency. , 2014, , .		1
71	Motor Bearing Fault Diagnosis Using Trace Ratio Linear Discriminant Analysis. IEEE Transactions on Industrial Electronics, 2014, 61, 2441-2451.	7.9	361
72	Weighted local and global regressive mapping: A new manifold learning method for machine fault classification. Engineering Applications of Artificial Intelligence, 2014, 30, 118-128.	8.1	27

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73	Text style analysis using trace ratio criterion patch alignment embedding. Neurocomputing, 2014, 136, 201-212.	5.9	1
74	Probabilistic fault detector for Wireless Sensor Network. Expert Systems With Applications, 2014, 41, 3703-3711.	7.6	76
75	A Two-Step Parametric Method for Failure Prediction in Hard Disk Drives. IEEE Transactions on Industrial Informatics, 2014, 10, 419-430.	11.3	82
76	Label propagation and soft-similarity measure for graph based Constrained Semi-Supervised Learning. , 2014, , .		3
77	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.	3.0	24
78	Tribological Degradation of Head-Disk Interface in Hard Disk Drives Under Accelerated Wear Condition. IEEE Transactions on Magnetics, 2014, 50, 27-33.	2.1	27
79	Compact Graph based Semi-Supervised Learning for Medical Diagnosis in Alzheimer's Disease. IEEE Signal Processing Letters, 2014, 21, 1192-1196.	3.6	24
80	Analyzing rough set based attribute reductions by extension rule. Neurocomputing, 2014, 123, 185-196.	5.9	7
81	Soft label based Linear Discriminant Analysis for image recognition and retrieval. Computer Vision and Image Understanding, 2014, 121, 86-99.	4.7	26
82	A general soft label based Linear Discriminant Analysis for semi-supervised dimensionality reduction. Neural Networks, 2014, 55, 83-97.	5.9	57
83	Mining language variation using word using and collocation characteristics. Expert Systems With Applications, 2014, 41, 7805-7819.	7.6	3
84	SEMISUPERVISED MULTIMODAL DIMENSIONALITY REDUCTION. Computational Intelligence, 2013, 29, 70-110.	3.2	1
85	Neighborhood field for cooperative optimization. Soft Computing, 2013, 17, 819-834.	3.6	57
86	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
87	Trace Ratio Linear Discriminant Analysis for Medical Diagnosis: A Case Study of Dementia. IEEE Signal Processing Letters, 2013, 20, 431-434.	3.6	18
88	M-Isomap: Orthogonal Constrained Marginal Isomap for Nonlinear Dimensionality Reduction. IEEE Transactions on Cybernetics, 2013, 43, 180-191.	9.5	71
89	Recognition of word collocation habits using frequency rank ratio and inter-term intimacy. Expert Systems With Applications, 2013, 40, 4301-4314.	7.6	7
90	A novel feature selection method and its application. Journal of Intelligent Information Systems, 2013, 41, 235-268.	3.9	5

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91	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
92	Naming Game with Multiple Hearers. Communications in Nonlinear Science and Numerical Simulation, 2013, 18, 1214-1228.	3.3	22
93	Binary neighbourhood field optimisation for unit commitment problems. IET Generation, Transmission and Distribution, 2013, 7, 298-308.	2.5	25
94	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
95	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
96	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
97	Contour Gradient Optimization. International Journal of Swarm Intelligence Research, 2013, 4, 1-28.	0.7	7
98	On the Theoretical and Computational Analysis between SDA and Lap-LDA. , 2012, , .		2
99	A Two-Level Inspection Model With Technological Insertions. IEEE Transactions on Reliability, 2012, 61, 479-490.	4.6	14
100	A local multiobjective optimization algorithm using neighborhood field. Structural and Multidisciplinary Optimization, 2012, 46, 853-870.	3.5	18
101	Marginal semi-supervised sub-manifold projections with informative constraints for dimensionality reduction and recognition. Neural Networks, 2012, 36, 97-111.	5.9	33
102	Local cooperation delivers global optimization. , 2012, , .		0
103	On the theoretical and computational analysis between Trace Ratio LDA and null-space LDA. , 2012, , .		5
104	Extracting the informative constraints for semi-supervised marginal projections in multimodal dimensionality reduction. , 2012, , .		1
105	Constrained large Margin Local Projection algorithms and extensions for multimodal dimensionality reduction. Pattern Recognition, 2012, 45, 4466-4493.	8.1	25
106	Random walk-based fuzzy linear discriminant analysis for dimensionality reduction. Soft Computing, 2012, 16, 1393-1409.	3.6	3
107	Maximum Margin Multisurface Support Tensor Machines with application to image classification and segmentation. Expert Systems With Applications, 2012, 39, 849-860.	7.6	28
108	A multi-level matching method with hybrid similarity for document retrieval. Expert Systems With Applications, 2012, 39, 2710-2719.	7.6	14

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109	Robust linearly optimized discriminant analysis. Neurocomputing, 2012, 79, 140-157.	5.9	20
110	Trace ratio criterion based generalized discriminative learning for semi-supervised dimensionality reduction. Pattern Recognition, 2012, 45, 1482-1499.	8.1	72
111	A two-dimensional Neighborhood Preserving Projection for appearance-based face recognition. Pattern Recognition, 2012, 45, 1866-1876.	8.1	56
112	Clonal selection programming for rotational machine fault classification and diagnosis. , 2011, , .		1
113	ITR-Score algorithm: An efficient Trace ratio criterion based algorithm for supervised dimensionality reduction. , 2011, , .		5
114	Textual and Visual Content-Based Anti-Phishing: A Bayesian Approach. IEEE Transactions on Neural Networks, 2011, 22, 1532-1546.	4.2	153
115	Guest editorial: special issue on the emerging applications of neural networks. Neural Computing and Applications, 2011, 20, 923-924.	5.6	0
116	A coarse-to-fine framework to efficiently thwart plagiarism. Pattern Recognition, 2011, 44, 471-487.	8.1	25
117	PPoSOM: A new variant of PoSOM by using probabilistic assignment for multidimensional data visualization. Neurocomputing, 2011, 74, 2018-2027.	5.9	24
118	Multivariate data classification using PoSOM. , 2011, , .		13
119	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
120	PoSOM: A new method for multidimensional data visualization. Pattern Recognition, 2010, 43, 1668-1675.	8.1	48
121	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
122	Content-based hierarchical document organization using multi-layer hybrid network and tree-structured features. Expert Systems With Applications, 2010, 37, 2874-2881.	7.6	11
123	A segmentation based approach for shape recovery from multi-color images. , 2010, , .		2
124	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
125	Self-Organizing Potential Field Network: A New Optimization Algorithm. IEEE Transactions on Neural Networks, 2010, 21, 1482-1495.	4.2	17
126	A new dual wing harmonium model for document retrieval. Pattern Recognition, 2009, 42, 2950-2960.	8.1	16



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127	Induction machine fault detection using clone selection programming. Expert Systems With Applications, 2009, 36, 8000-8012.	7.6	31
128	Clone selection programming and its application to symbolic regression. Expert Systems With Applications, 2009, 36, 3996-4005.	7.6	30
129	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
130	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
131	Quasi-sliding mode based repetitive control for nonlinear continuous-time systems with rejection of periodic disturbances. Automatica, 2009, 45, 103-108.	5.0	22
132	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
133	Generalized Particle Swarm Optimizer with Tracking Multiple Local Optima for Multimodal Functions Optimization. , 2009, , .		0
134	Validation Index for Transactional Clustering. Journal of Pattern Recognition Research, 2009, 4, 79-91.	0.9	2
135	Effective Gene Selection Method Using Bayesian Discriminant Based Criterion and Genetic Algorithms. Journal of Signal Processing Systems, 2008, 50, 293-304.	2.1	8
136	Enhanced feature selection models using gradient-based and point injection techniques. Neurocomputing, 2008, 71, 3114-3123.	5.9	7
137	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.	5.0	23
138	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
139	Data Reduction for Pattern Recognition and Data Analysis. Studies in Computational Intelligence, 2008, , 81-109.	0.9	6
140	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
141	Identifying the biologically relevant gene categories based on gene expression and biological data: an example on prostate cancer. Bioinformatics, 2007, 23, 1503-1510.	4.1	14
142	Self-Organizing and Self-Evolving Neurons: A New Neural Network for Optimization. IEEE Transactions on Neural Networks, 2007, 18, 385-396.	4.2	38
143	A flexible multi-layer self-organizing map for generic processing of tree-structured data. Pattern Recognition, 2007, 40, 1406-1424.	8.1	20
144	A new image classification technique using tree-structured regional features. Neurocomputing, 2007, 70, 1040-1050.	5.9	33

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145	Improving the effectiveness of RBF classifier based on a hybrid cost function. Neural Computing and Applications, 2007, 16, 395-405.	5.6	2
146	Using Cellular Probabilistic Self-Organizing Map in Borrowing Channel Assignment for Patterned Traffic Load. Neural Processing Letters, 2006, 23, 71-88.	3.2	0
147	Face Matching in Large Database by Self-Organizing Maps. Neural Processing Letters, 2006, 23, 305-323.	3.2	3
148	Robust face recognition using generalized neural reflectance model. Neural Computing and Applications, 2006, 15, 170-182.	5.6	2
149	Improvement of borrowing channel assignment for patterned traffic load by online cellular probabilistic self-organizing map. Neural Computing and Applications, 2006, 15, 298-309.	5.6	6
150	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
151	Enhancing Density-Based Data Reduction Using Entropy. Neural Computation, 2006, 18, 470-495.	2.2	15
152	An Excellent Feature Selection Model Using Gradient-Based and Point Injection Techniques. Lecture Notes in Computer Science, 2006, , 679-692.	1.3	0
153	Content-based image retrieval using growing hierarchical self-organizing quadtree map. Pattern Recognition, 2005, 38, 707-722.	8.1	28
154	Effective feature selection scheme using mutual information. Neurocomputing, 2005, 63, 325-343.	5.9	91
155	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
156	Estimating Optimal Feature Subsets Using Efficient Estimation of High-Dimensional Mutual Information. IEEE Transactions on Neural Networks, 2005, 16, 213-224.	4.2	138
157	Blind adaptive identification of FIR channel in chaotic communication systems. Chinese Physics B, 2004, 13, 329-334.	1.3	5
158	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
159	Cell-splitting grid: a self-creating and self-organizing neural network. Neurocomputing, 2004, 57, 373-387.	5.9	25
160	A new shifting grid clustering algorithm. Pattern Recognition, 2004, 37, 503-514.	8.1	60
161	An Improved Multipath Channel Identification Algorithm Using Multichannel Linear Prediction. Circuits, Systems, and Signal Processing, 2004, 23, 153-168.	2.0	0
162	Self-Organizing-Map Based Clustering Using a Local Clustering Validity Index. Neural Processing Letters, 2003, 17, 253-271.	3.2	13

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163	A People-Counting System Using a Hybrid RBF Neural Network. Neural Processing Letters, 2003, 18, 97-113.	3.2	17
164	A New Color 3D SFS Methodology Using Neural-Based Color Reflectance Models and Iterative Recursive Method. Neural Computation, 2002, 14, 2751-2789.	2.2	12
165	Piecewise Linear Projection Based on Self-Organizing Map. Neural Processing Letters, 2002, 16, 151-163.	3.2	0
166	Shape From Shading by Using Neural Based Colour Reflectance Model. Neural Processing Letters, 2002, 16, 121-136.	3.2	0
167	Least third-order cumulant method with adaptive regularization parameter selection for neural networks. Artificial Intelligence, 2001, 127, 169-197.	5.8	4
168	Enhanced 3D Shape Recovery Using the Neural-Based Hybrid Reflectance Model. Neural Computation, 2001, 13, 2617-2637.	2.2	7
169	A Neural Network Based Shape-from-Shading Measuring Technique for Engineering Industries. Measurement and Control, 2001, 34, 212-215.	1.8	0
170	Two-dimensional learning strategy for multilayer feedforward neural network. Neurocomputing, 2000, 34, 195-206.	5.9	6
171	A weight initialization method for improving training speed in feedforward neural network. Neurocomputing, 2000, 30, 219-232.	5.9	158
172	Synthesis of the sliding-mode neural network controller for unknown nonlinear discrete-time systems. International Journal of Systems Science, 2000, 31, 401-408.	5.5	12
173	Linear neural network based blind equalization. Signal Processing, 1999, 76, 37-42.	3.7	20
174	Adaptive regularization parameter selection method for enhancing generalization capability of neural networks. Artificial Intelligence, 1999, 107, 347-356.	5.8	13
175	A Fast Heuristic Global Learning Algorithm for Multilayer Neural Networks. Neural Processing Letters, 1999, 9, 177-187.	3.2	5
176	A Fast Neural Learning Vision System for Crowd Estimation at Underground Stations Platform. Neural Processing Letters, 1999, 10, 111-120.	3.2	21
177	Training multilayer neural networks using fast global learning algorithm - least-squares and penalized optimization methods. Neurocomputing, 1999, 25, 115-131.	5.9	49
178	Iterative Learning Control of Linear Discrete-Time Multivariable Systems. Automatica, 1998, 34, 1459-1462.	5.0	30
179	A Layer-by-Layer Least Squares based Recurrent Networks Training Algorithm: Stalling and Escape. Neural Processing Letters, 1998, 7, 15-25.	3.2	7
180	Third-order cumulant RLS algorithm for nonminimum ARMA systems identification. Signal Processing, 1997, 61, 23-38.	3.7	14

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181	A new method in determining initial weights of feedforward neural networks for training enhancement. Neurocomputing, 1997, 16, 23-32.	5.9	47
182	A novel noise robust fourth-order cumulants cost function. Neurocomputing, 1997, 16, 139-147.	5.9	7
183	Feedforward Neural Networks Based Input-Output Models for Railway Carriage System Identification. Neural Processing Letters, 1997, 5, 57-67.	3.2	4
184	Nonlinear dilation network for prediction applications. Engineering Applications of Artificial Intelligence, 1996, 9, 301-308.	8.1	0
185	A least third-order cumulants objective function. Neural Processing Letters, 1996, 3, 91-99.	3.2	5
186	Accelerated training algorithm for feedforward neural networks based on least squares method. Neural Processing Letters, 1995, 2, 20-25.	3.2	15