

Alan Wee-Chung Liew

List of Publications by Year in descending order

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217
papers

4,236
citations

109321

35
h-index

138484

58
g-index

224
all docs

224
docs citations

224
times ranked

3560
citing authors

#	ARTICLE	IF	CITATIONS
1	An adaptive spatial fuzzy clustering algorithm for 3-D MR image segmentation. IEEE Transactions on Medical Imaging, 2003, 22, 1063-1075.	8.9	287
2	General Retinal Vessel Segmentation Using Regularization-Based Multiconcavity Modeling. IEEE Transactions on Medical Imaging, 2010, 29, 1369-1381.	8.9	232
3	Missing value imputation for gene expression data: computational techniques to recover missing data from available information. Briefings in Bioinformatics, 2011, 12, 498-513.	6.5	175
4	Fuzzy image clustering incorporating spatial continuity. IET Computer Vision, 2000, 147, 185.	1.3	158
5	Blocking Artifacts Suppression in Block-Coded Images Using Overcomplete Wavelet Representation. IEEE Transactions on Circuits and Systems for Video Technology, 2004, 14, 450-461.	8.3	134
6	Segmentation of color lip images by spatial fuzzy clustering. IEEE Transactions on Fuzzy Systems, 2003, 11, 542-549.	9.8	112
7	Current Methods in the Automatic Tissue Segmentation of 3D Magnetic Resonance Brain Images. Current Medical Imaging, 2006, 2, 91-103.	0.8	97
8	Pattern recognition techniques for the emerging field of bioinformatics: A review. Pattern Recognition, 2005, 38, 2055-2073.	8.1	93
9	Microarray missing data imputation based on a set theoretic framework and biological knowledge. Nucleic Acids Research, 2006, 34, 1608-1619.	14.5	92
10	Missing value imputation for the analysis of incomplete traffic accident data. Information Sciences, 2016, 339, 274-289.	6.9	86
11	Cluster Analysis of Gene Expression Data Based on Self-Splitting and Merging Competitive Learning. IEEE Transactions on Information Technology in Biomedicine, 2004, 8, 5-15.	3.2	85
12	Discovering biclusters in gene expression data based on high-dimensional linear geometries. BMC Bioinformatics, 2008, 9, 209.	2.6	82
13	Sequence-based prediction of protein-peptide binding sites using support vector machine. Journal of Computational Chemistry, 2016, 37, 1223-1229.	3.3	81
14	Identification of coherent patterns in gene expression data using an efficient biclustering algorithm and parallel coordinate visualization. BMC Bioinformatics, 2008, 9, 210.	2.6	75
15	DB-Curve: a novel 2D method of DNA sequence visualization and representation. Chemical Physics Letters, 2003, 367, 170-176.	2.6	74
16	Neurocognitive dysfunction and grey matter density deficit in children with obstructive sleep apnoea. Sleep Medicine, 2014, 15, 1055-1061.	1.6	69
17	Image segmentation based on adaptive cluster prototype estimation. IEEE Transactions on Fuzzy Systems, 2005, 13, 444-453.	9.8	64
18	Structure-based prediction of protein-peptide binding regions using Random Forest. Bioinformatics, 2018, 34, 477-484.	4.1	62

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19	Sequence-Based Prediction of Proteinâ€™Carbohydrate Binding Sites Using Support Vector Machines. Journal of Chemical Information and Modeling, 2016, 56, 2115-2122.	5.4	59
20	Recent Advances in Passive Digital Image Security Forensics: A Brief Review. Engineering, 2018, 4, 29-39.	6.7	58
21	Robust adaptive spot segmentation of DNA microarray images. Pattern Recognition, 2003, 36, 1251-1254.	8.1	54
22	Spectral-Spatial Scale Invariant Feature Transform for Hyperspectral Images. IEEE Transactions on Image Processing, 2018, 27, 837-850.	9.8	52
23	A new geometric biclustering algorithm based on the Hough transform for analysis of large-scale microarray data. Journal of Theoretical Biology, 2008, 251, 264-274.	1.7	51
24	Conditional Random Field and Deep Feature Learning for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 1612-1628.	6.3	49
25	Lip contour extraction from color images using a deformable model. Pattern Recognition, 2002, 35, 2949-2962.	8.1	48
26	Parallelized Evolutionary Learning for Detection of Biclusters in Gene Expression Data. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2012, 9, 560-570.	3.0	48
27	A novel combining classifier method based on Variational Inference. Pattern Recognition, 2016, 49, 198-212.	8.1	44
28	Robust lip region segmentation for lip images with complex background. Pattern Recognition, 2007, 40, 3481-3491.	8.1	43
29	POCS-based blocking artifacts suppression using a smoothness constraint set with explicit region modeling. IEEE Transactions on Circuits and Systems for Video Technology, 2005, 15, 795-800.	8.3	41
30	Ensemble Selection based on Classifier Prediction Confidence. Pattern Recognition, 2020, 100, 107104.	8.1	41
31	Segmentation of cell nuclei in fluorescence microscopy images: An integrated framework using level set segmentation and touching-cell splitting. Pattern Recognition, 2016, 58, 1-11.	8.1	39
32	Multi-label classification via label correlation and first order feature dependance in a data stream. Pattern Recognition, 2019, 90, 35-51.	8.1	39
33	Artifact reduction in compressed images based on region homogeneity constraints using the projection onto convex sets algorithm. IEEE Transactions on Circuits and Systems for Video Technology, 2002, 12, 891-897.	8.3	38
34	Dominant spectral component analysis for transcriptional regulations using microarray time-series data. Bioinformatics, 2004, 20, 742-749.	4.1	38
35	Physiological and behavioral lip biometrics: A comprehensive study of their discriminative power. Pattern Recognition, 2012, 45, 3328-3335.	8.1	38
36	Biclustering Analysis for Pattern Discovery: Current Techniques, Comparative Studies and Applications. Current Bioinformatics, 2012, 7, 43-55.	1.5	37

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37	Heterogeneous classifier ensemble with fuzzy rule-based meta learner. Information Sciences, 2018, 422, 144-160.	6.9	36
38	Multi-label classification via incremental clustering on an evolving data stream. Pattern Recognition, 2019, 95, 96-113.	8.1	35
39	A Novel Improved Particle Swarm Optimization With Long-Short Term Memory Hybrid Model for Stock Indices Forecast. IEEE Access, 2021, 9, 23660-23671.	4.2	35
40	Preventing DeepFake Attacks on Speaker Authentication by Dynamic Lip Movement Analysis. IEEE Transactions on Information Forensics and Security, 2021, 16, 1841-1854.	6.9	32
41	Symplectic geometry spectrum analysis of nonlinear time series. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2014, 470, 20140409.	2.1	31
42	Predicting lysine malonylation sites of proteins using sequence and predicted structural features. Journal of Computational Chemistry, 2018, 39, 1757-1763.	3.3	30
43	Aggregation of Classifiers: A Justifiable Information Granularity Approach. IEEE Transactions on Cybernetics, 2019, 49, 2168-2177.	9.5	30
44	Spectral estimation in unevenly sampled space of periodically expressed microarray time series data. BMC Bioinformatics, 2007, 8, 137.	2.6	28
45	Electrolyte Effect on Electrocatalytic Hydrogen Evolution Performance of One-Dimensional Cobalt-Dithiolene Metal-Organic Frameworks: A Theoretical Perspective. ACS Applied Energy Materials, 2018, 1, 1688-1694.	5.1	27
46	A weighted multiple classifier framework based on random projection. Information Sciences, 2019, 490, 36-58.	6.9	27
47	Statistical power of Fisher test for the detection of short periodic gene expression profiles. Pattern Recognition, 2009, 42, 549-556.	8.1	26
48	Gene expression data clustering and visualization based on a binary hierarchical clustering framework. Journal of Visual Languages and Computing, 2003, 14, 341-362.	1.8	25
49	Eukaryotic promoter prediction based on relative entropy and positional information. Physical Review E, 2007, 75, 041908.	2.1	25
50	An Automatic Lipreading System for Spoken Digits With Limited Training Data. IEEE Transactions on Circuits and Systems for Video Technology, 2008, 18, 1760-1765.	8.3	23
51	Lip contour extraction using a deformable model. , 2000, , .		22
52	A novel genetic algorithm approach for simultaneous feature and classifier selection in multi classifier system. , 2014, , .		22
53	CRF learning with CNN features for hyperspectral image segmentation. , 2016, , .		22
54	Variational inference based bayes online classifiers with concept drift adaptation. Pattern Recognition, 2018, 81, 280-293.	8.1	21

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55	Noisy values detection and correction of traffic accident data. Information Sciences, 2019, 476, 132-146.	6.9	21
56	Brain symmetry plane detection based on fractal analysis. Computerized Medical Imaging and Graphics, 2013, 37, 568-580.	5.8	20
57	Combining heterogeneous classifiers via granular prototypes. Applied Soft Computing Journal, 2018, 73, 795-815.	7.2	20
58	A Binary Particle Swarm Optimizer With Priority Planning and Hierarchical Learning for Networked Epidemic Control. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 5090-5104.	9.3	20
59	Visual speaker authentication with random prompt texts by a dual-task CNN framework. Pattern Recognition, 2018, 83, 340-352.	8.1	19
60	Automated Trading Point Forecasting Based on Biclust Mining and Fuzzy Inference. IEEE Transactions on Fuzzy Systems, 2020, 28, 259-272.	9.8	19
61	Information-Based Color Feature Representation for Image Classification. , 2007, , .		18
62	Visual saliency detection based on region descriptors and prior knowledge. Signal Processing: Image Communication, 2014, 29, 424-433.	3.2	18
63	Lip image segmentation based on a fuzzy convolutional neural network. IEEE Transactions on Fuzzy Systems, 2019, , 1-1.	9.8	18
64	Symmetry plane detection in neuroimages based on intensity profile analysis. , 2012, , .		17
65	Classification of short human exons and introns based on statistical features. Physical Review E, 2003, 67, 061916.	2.1	16
66	A mathematical model describing the mechanical kinetics of kinesin stepping. Bioinformatics, 2014, 30, 353-359.	4.1	16
67	Parallel biclustering detection using strength Pareto front evolutionary algorithm. Information Sciences, 2017, 415-416, 283-297.	6.9	16
68	Resilience Factors Important in Health-Related Quality of Life of Subjects With COPD. Respiratory Care, 2018, 63, 1281-1292.	1.6	15
69	Reconstruction from 2-D wavelet transform modulus maxima using projection. IET Computer Vision, 2000, 147, 176.	1.3	14
70	Enhanced multi-objective particle swarm optimisation for estimating hand postures. Knowledge-Based Systems, 2018, 158, 175-195.	7.1	14
71	Automatic Lipreading with Limited Training Data. , 2006, , .		13
72	An interactive user interface prototype design for enhancing on-site museum and art gallery experience through digital technology. Museum Management and Curatorship, 2015, 30, 208-229.	1.4	13

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73	Visual speaker identification and authentication by joint spatiotemporal sparse coding and hierarchical pooling. Information Sciences, 2016, 373, 219-232.	6.9	13
74	A global and local context integration DCNN for adult image classification. Pattern Recognition, 2019, 96, 106983.	8.1	13
75	Blocking artifact reduction in compressed images based on edge-adaptive quadrangle meshes. Journal of Visual Communication and Image Representation, 2003, 14, 492-507.	2.8	12
76	Spatial Possibilistic Fuzzy C-Mean Segmentation Algorithm Integrated with Brain Mid-sagittal Surface Information. International Journal of Fuzzy Systems, 2017, 19, 591-605.	4.0	12
77	Heterogeneous ensemble selection for evolving data streams. Pattern Recognition, 2021, 112, 107743.	8.1	12
78	Reconstruction from wavelet transform modulus maxima using nonexpansive projections. Electronics Letters, 1995, 31, 1038-1039.	1.0	11
79	Lip segmentation with the presence of beards. , 0, , .		11
80	Biclustering gene expression data based on a high dimensional geometric method. , 2005, , .		11
81	Spectral analysis of microarray gene expression time series data of Plasmodium falciparum. International Journal of Bioinformatics Research and Applications, 2008, 4, 337.	0.2	11
82	Segmentation and recognition of multi-model photo event. Neurocomputing, 2016, 172, 159-167.	5.9	11
83	ENF Based Video Forgery Detection Algorithm. International Journal of Digital Crime and Forensics, 2020, 12, 131-156.	0.7	11
84	Direct reconstruction method for wavelet transform extrema representation. IET Computer Vision, 1997, 144, 193.	1.3	10
85	Uniqueness issue of wavelet transform modulus maxima representation and a least squares reconstruction algorithm. Electronics Letters, 1995, 31, 1735-1736.	1.0	10
86	Multi-layer heterogeneous ensemble with classifier and feature selection. , 2020, , .		10
87	A POCS-based constrained total least squares algorithm for image restoration. Journal of Visual Communication and Image Representation, 2006, 17, 986-1003.	2.8	9
88	Learning from Data Stream Based on Random Projection and Hoeffding Tree Classifier. , 2017, , .		9
89	A Likelihood-Based Data Fusion Model for the Integration of Multiple Sensor Data: A Case Study with Vision and Lidar Sensors. Advances in Intelligent Systems and Computing, 2017, , 489-500.	0.6	9
90	Evolving interval-based representation for multiple classifier fusion. Knowledge-Based Systems, 2020, 201-202, 106034.	7.1	9

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91	A NEW STRATEGY OF GEOMETRICAL BICLUSTERING FOR MICROARRAY DATA ANALYSIS. , 2007, , .		9
92	Effective statistical features for coding and non-coding DNA sequence classification for yeast, C. elegans and human. International Journal of Bioinformatics Research and Applications, 2005, 1, 181.	0.2	8
93	ICA-Based Lip Feature Representation for Speaker Authentication. , 2007, , .		8
94	An integration strategy based on fuzzy clustering and level set method for cell image segmentation. , 2013, , .		8
95	A lossless online Bayesian classifier. Information Sciences, 2019, 489, 1-17.	6.9	8
96	Large-Scale Malicious Software Classification With Fuzzified Features and Boosted Fuzzy Random Forest. IEEE Transactions on Fuzzy Systems, 2021, 29, 3205-3218.	9.8	8
97	Region-based approach to robust lip contour extraction. Electronics Letters, 2000, 36, 1272.	1.0	7
98	Lip-sync in human face animation based on video analysis and spline models. , 0, , .		7
99	A stochastic automaton model for simulating kinesin processivity. Bioinformatics, 2015, 31, 390-396.	4.1	7
100	Brain mid-sagittal surface extraction based on fractal analysis. Neural Computing and Applications, 2018, 30, 153-162.	5.6	7
101	A Novel 2-Stage Combining Classifier Model with Stacking and Genetic Algorithm Based Feature Selection. Lecture Notes in Computer Science, 2014, , 33-43.	1.3	7
102	Seed-Based Biclustering of Gene Expression Data. PLoS ONE, 2012, 7, e42431.	2.5	7
103	A smoothness constraint set based on local statistics of BDCT coefficients for image postprocessing. Image and Vision Computing, 2005, 23, 731-737.	4.5	6
104	Symmetry incorporated fuzzy c-means method for image segmentation. , 2013, , .		6
105	Feature Extraction For Visual Speaker Authentication Against Computer-Generated Video Attacks. , 2020, , .		6
106	Graphics processing unit acceleration of the island model genetic algorithm using the CUDA programming platform. Concurrency Computation Practice and Experience, 0, , e6286.	2.2	6
107	Synthetic microbleeds generation for classifier training without ground truth. Computer Methods and Programs in Biomedicine, 2021, 207, 106127.	4.7	6
108	Evolving an Optimal Decision Template for Combining Classifiers. Lecture Notes in Computer Science, 2019, , 608-620.	1.3	6

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109	Periodicity analysis of DNA microarray gene expression time series profiles in mouse segmentation clock data. Statistics and Its Interface, 2010, 3, 413-418.	0.3	6
110	Multiple resolution image restoration. IET Computer Vision, 1997, 144, 199.	1.3	5
111	A Computational Approach to Gene Expression Data Extraction and Analysis. Journal of Signal Processing Systems, 2004, 38, 237-258.	1.0	5
112	Combining Unmixing and Deep Feature Learning for Hyperspectral Image Classification. , 2017, , .		5
113	Simultaneous meta-data and meta-classifier selection in multiple classifier system. , 2019, , .		5
114	Combining Multi Classifiers Based on a Genetic Algorithm – A Gaussian Mixture Model Framework. Lecture Notes in Computer Science, 2014, , 56-67.	1.3	5
115	Colon Cell Image Segmentation Based on Level Set and Kernel-Based Fuzzy Clustering. Lecture Notes in Computer Science, 2013, , 120-129.	1.3	5
116	Missing Value Imputation for the Analysis of Incomplete Traffic Accident Data. Communications in Computer and Information Science, 2014, , 275-286.	0.5	5
117	Spectral-Spatial Boundary Detection in Hyperspectral Images. IEEE Transactions on Image Processing, 2022, 31, 499-512.	9.8	5
118	Wavelet maxima reconstruction by conjugate gradient. Electronics Letters, 1997, 33, 1928.	1.0	4
119	Microarray Data Analysis. , 2005, , 353-388.		4
120	Biclusters Visualization and Detection Using Parallel Coordinate Plots. AIP Conference Proceedings, 2007, , .	0.4	4
121	Recent Patents on Biclustering Algorithms for Gene Expression Data Analysis. Recent Patents on DNA & Gene Sequences, 2011, 5, 117-125.	0.7	4
122	Flexible Autonomous Behaviors of Kinesin and Muscle Myosin Bio-Nanorobots. IEEE Transactions on Industrial Electronics, 2013, 60, 5116-5123.	7.9	4
123	Genetic algorithm based detection of general linear biclusters. , 2014, , .		4
124	Fuzzy clustering using local and global region information for cell image segmentation. , 2014, , .		4
125	Detection of shifted double JPEG compression by an adaptive DCT coefficient model. Eurasip Journal on Advances in Signal Processing, 2014, 2014, .	1.7	4
126	Optimization of ensemble classifier system based on multiple objectives genetic algorithm. , 2014, , .		4

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127	Biclustering analysis of gene expression data using multi-objective evolutionary algorithms. , 2015, , .		4
128	Unbinding of Kinesin from Microtubule in the Strongly Bound States Enhances under Assisting Forces. Molecular Informatics, 2018, 37, e1700092.	2.5	4
129	Lip Image Segmentation in Mobile Devices Based on Alternative Knowledge Distillation. , 2019, , .		4
130	Automated Building Footprint and 3D Building Model Generation from Lidar Point Cloud Data. , 2019, , .		4
131	Calcium channels and iron metabolism: A redox catastrophe in Parkinson's disease and an innovative path to novel therapies?. Redox Biology, 2021, 47, 102136.	9.0	4
132	Symmetry Plane Detection in Brain Image Analysis: A Survey. Current Medical Imaging, 2013, 9, 230-247.	0.8	4
133	Lip Region Segmentation with Complex Background. , 2009, , 150-171.		4
134	Fusion of Classifiers Based on a Novel 2-Stage Model. Communications in Computer and Information Science, 2014, , 60-68.	0.5	4
135	An adaptive fuzzy clustering algorithm for medical image segmentation. , 0, , .		3
136	Blocking artifacts reduction in JPEG compressed images using overcomplete wavelet representation. , 0, , .		3
137	Data Mining for Bioinformatics. , 2005, , 63-116.		3
138	Fractal dimension as a symmetry measure in 3D brain MRI analysis. , 2012, , .		3
139	A modified Fuzzy C-means algorithm with symmetry information for MR brain image segmentation. , 2013, , .		3
140	Colour-emotion association study on abstract art painting. , 2015, , .		3
141	Incorrect attribute value detection for traffic accident data. , 2015, , .		3
142	A Novel Online Bayes Classifier. , 2016, , .		3
143	Fast and robust framework for view-invariant gait recognition. , 2017, , .		3
144	Acceleration of Genetic Algorithm on GPU CUDA Platform. , 2019, , .		3

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145	Fuzzy If-Then Rules Classifier on Ensemble Data. Communications in Computer and Information Science, 2014, , 362-370.	0.5	3
146	Image Segmentation Based on Graph-Cut Models and Probabilistic Graphical Models: A Comparative Study. Communications in Computer and Information Science, 2014, , 371-378.	0.5	3
147	A Homogeneous-Heterogeneous Ensemble of Classifiers. Communications in Computer and Information Science, 2020, , 251-259.	0.5	3
148	A NURBS-based vector muscle model for generating human facial expressions. , 0, , .		2
149	Lip Contour Extraction Based on Support Vector Machine Add Support. , 2008, , .		2
150	Level Set Based Segmentation of Cell Nucleus in Fluorescence Microscopy Images Using Correntropy-Based K-Means Clustering. , 2015, , .		2
151	Image Aesthetic Evaluation Using Parallel Deep Convolution Neural Network. , 2016, , .		2
152	Bicluster detection using strength pareto front evolutionary algorithm. , 2016, , .		2
153	Material Based Boundary Detection in Hyperspectral Images. , 2017, , .		2
154	An Online Variational Inference and Ensemble Based Multi-label Classifier for Data Streams. , 2019, , .		2
155	Toward adaptive BDCT feature representation based image splicing measurement in smart cities. Measurement: Journal of the International Measurement Confederation, 2019, 139, 61-69.	5.0	2
156	Topological Wiener Indices and Polynomials of C_{84} Fullerene Nanocage. Nanoscience and Nanotechnology Letters, 2014, 6, 532-536.	0.4	2
157	COMPUTER TECHNIQUES FOR THE AUTOMATIC SEGMENTATION OF 3D MR BRAIN IMAGES. , 2005, , 307-357.		2
158	Fast algorithm for binary field wavelet transform for image processing. , 0, , .		1
159	Eye extraction using spatial fuzzy clustering method. , 0, , .		1
160	A novel OPTOC-based clustering algorithm for gene expression data analysis. , 0, , .		1
161	POCS-hased blocking artifacts suppression with region smoothness constraints for graphic images. , 0, , .		1
162	Selection of statistical features based on mutual information for classification of human coding and non-coding DNA sequences. , 2004, , .		1

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163	OPTOC-Based Clustering Analysis of Gene Expression Profiles in Spectral Space. Lecture Notes in Computer Science, 2005, , 709-718.	1.3	1
164	A Regularized Clustering Algorithm Based on Calculus of Variations. Journal of Signal Processing Systems, 2008, 50, 281-292.	2.1	1
165	Reliable detection of short periodic gene expression time series profiles in DNA microarray data. , 2009, , .		1
166	Multiconstrained gene clustering based on generalized projections. BMC Bioinformatics, 2010, 11, 164.	2.6	1
167	Near-Optimal Collusion-Secure Fingerprinting Codes for Efficiently Tracing Illegal Re-distribution. Lecture Notes in Computer Science, 2012, , 352-361.	1.3	1
168	Computational Modeling of Kinesin Stepping. Journal of Chemical Information and Modeling, 2014, 54, 3439-3445.	5.4	1
169	Sparse coding based lip texture representation for visual speaker identification. , 2014, , .		1
170	Recommendation system for HBB TV: Model design and implementation. , 2015, , .		1
171	An Improved Extreme Learning Machine with Parallelized Feature Mapping Structures. , 2016, , .		1
172	A Novel Bayesian Framework for Online Imbalanced Learning. , 2017, , .		1
173	An Efficient Method for Boundary Detection from Hyperspectral Imagery. Lecture Notes in Computer Science, 2018, , 416-426.	1.3	1
174	Abundance-Guided Superpixels and Recurrent Neural Network for Hyperspectral Image Classification. , 2019, , .		1
175	Improved Ensemble Classification for Evolving Data Streams. IEEE Intelligent Systems, 2022, 37, 38-50.	4.0	1
176	Advances in parallel and distributed computing and its applications. Concurrency Computation Practice and Experience, 2022, 34, e6667.	2.2	1
177	Parametric Spectral Analysis of Malaria Gene Expression Time Series Data. Lecture Notes in Computer Science, 2006, , 32-41.	1.3	1
178	Cluster Analysis of Gene Expression Data. , 2009, , 289-296.		1
179	Content-Based Image Retrieval. , 2009, , 744-749.		1
180	Combining Classifiers Based on Gaussian Mixture Model Approach to Ensemble Data. Communications in Computer and Information Science, 2014, , 3-12.	0.5	1

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181	The Challenges of Digital Museum. , 2015, , 4929-4937.		1
182	Biclustor Analysis for Coherent Pattern Discovery. , 2015, , 1665-1674.		1
183	Automatic Image Region Annotation by Genetic Algorithm-Based Joint Classifier and Feature Selection in Ensemble System. Lecture Notes in Computer Science, 2018, , 599-609.	1.3	1
184	Bi-clustering by Multi-objective Evolutionary Algorithm for Multimodal Analytics and Big Data. , 2019, , 125-150.		1
185	A Novel Online Ensemble Convolutional Neural Networks for Streaming Data. Lecture Notes in Computer Science, 2019, , 199-210.	1.3	1
186	Generative Model of Brain Microbleeds for MRI Detection of Vascular Marker of Neurodegenerative Diseases. Frontiers in Neuroscience, 2021, 15, 778767.	2.8	1
187	Signal reconstruction from the wavelet transform modulus maxima. , 0, , .		0
188	Adaptive fuzzy segmentation of 3D MR brain images. , 0, , .		0
189	Missing microarray data estimation based on projection onto convex sets method. , 2004, , .		0
190	Double spline muscle models for human face animation based on video analysis. , 0, , .		0
191	Pattern-baseb content lossless compression of Chinese document images. , 0, , .		0
192	Image restoration based on constrained total least squares. , 0, , .		0
193	Microarray Missing Data Imputation based on a Set Theoretic Framework and Biological Constraints. , 2006, , .		0
194	Detecting Periodically Expressed Genes based on Time-frequency Analysis and L-curve Method. , 2006, , .		0
195	A New Spectrum Estimation Method in Unevenly Sampling Space. , 2006, , .		0
196	Automated cDNA Microarray Image Segmentation. AIP Conference Proceedings, 2007, , .	0.4	0
197	Statistical Detection of Short Periodic Gene Expression Time Series Profiles. AIP Conference Proceedings, 2007, , .	0.4	0
198	Optimizing Sharpness Measure for Bright Lesion Detection in Retinal Image Analysis. , 2009, , .		0

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199	An information-based color feature representation and its application in detecting adult images. Journal of Shanghai Jiaotong University (Science), 2011, 16, 395-401.	0.9	0
200	Statistical texture classification via histograms of wavelet filtered images. , 2011, , .		0
201	A Computational Study of Physical Properties of the Smallest Fullerene, C ₂₀ Nanoparticle. Journal of Computational and Theoretical Nanoscience, 2013, 10, 1908-1913.	0.4	0
202	Definition and extraction of lip protrusion based on the facial skeleton data. , 2014, , .		0
203	A Multi-Kernel Local Level Set Image Segmentation Algorithm for Fluorescence Microscopy Images. , 2015, , .		0
204	Content based recommendation for HBB TV based on bayes conditional probability for multiple variables approach. , 2015, , .		0
205	Online-Offline Extreme Learning Machine with Concept Drift Tracking for Time Series Data. , 2016, , .		0
206	Weakly Supervised Video Object Segmentation. , 2018, , .		0
207	Triplet Constrained Deep Feature Extraction for Hyperspectral Image Classification. , 2018, , .		0
208	A Fast Binary Quadratic Programming Solver Based on Stochastic Neighborhood Search. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 32-49.	13.9	0
209	Fuzzy Clustering-Based Approaches in Automatic Lip Segmentation from Color Images. , 2006, , 292-317.		0
210	Lip Extraction for Lipreading and Speaker Authentication. , 2009, , 2437-2444.		0
211	Image Compression Concepts Overview. , 2009, , 1805-1811.		0
212	Symmetry Detection in Brain Image Analysis. , 2015, , 5615-5623.		0
213	Letâ€™s Consider Two Objectives When Estimating Hand Postures. Lecture Notes in Computer Science, 2017, , 119-130.	1.3	0
214	Bicluster Detection by Hyperplane Projection and Evolutionary Optimization. , 2018, , .		0
215	Confidence in Prediction: An Approach for Dynamic Weighted Ensemble. Lecture Notes in Computer Science, 2020, , 358-370.	1.3	0
216	A Novel Class-wise Forgetting Detector in Continual Learning. , 2021, , .		0

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217	Streaming Multi-layer Ensemble Selection using Dynamic Genetic Algorithm. , 2021, , .		0