Alan Wee-Chung Liew

List of Publications by Year
in descending order

217	4,236	125106	156644
papers	citations	35	58
		h-index	g-index

224	224	224	4020
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Fast Binary Quadratic Programming Solver Based on Stochastic Neighborhood Search. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 32-49.	9.7	0
2	Improved Ensemble Classification for Evolving Data Streams. IEEE Intelligent Systems, 2022, 37, 38-50.	4.0	1
3	Advances in parallel and distributed computing and its applications. Concurrency Computation Practice and Experience, 2022, 34, e6667.	1.4	1
4	Spectral-Spatial Boundary Detection in Hyperspectral Images. IEEE Transactions on Image Processing, 2022, 31, 499-512.	6.0	5
5	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.	5.9	20
6	Large-Scale Malicious Software Classification With Fuzzified Features and Boosted Fuzzy Random Forest. IEEE Transactions on Fuzzy Systems, 2021, 29, 3205-3218.	6.5	8
7	Heterogeneous ensemble selection for evolving data streams. Pattern Recognition, 2021, 112, 107743.	5.1	12
8	Preventing DeepFake Attacks on Speaker Authentication by Dynamic Lip Movement Analysis. IEEE Transactions on Information Forensics and Security, 2021, 16, 1841-1854.	4.5	32
9	A Novel Improved Particle Swarm Optimization With Long-Short Term Memory Hybrid Model for Stock Indices Forecast. IEEE Access, 2021, 9, 23660-23671.	2.6	35
10	Synthetic microbleeds generation for classifier training without ground truth. Computer Methods and Programs in Biomedicine, 2021, 207, 106127.	2.6	6
11	Calcium channels and iron metabolism: A redox catastrophe in Parkinson's disease and an innovative path to novel therapies?. Redox Biology, 2021, 47, 102136.	3.9	4
12	A Novel Class-wise Forgetting Detector in Continual Learning. , 2021, , .		0
13	Streaming Multi-layer Ensemble Selection using Dynamic Genetic Algorithm. , 2021, , .		0
14	Generative Model of Brain Microbleeds for MRI Detection of Vascular Marker of Neurodegenerative Diseases. Frontiers in Neuroscience, 2021, 15, 778767.	1.4	1
15	Automated Trading Point Forecasting Based on Bicluster Mining and Fuzzy Inference. IEEE Transactions on Fuzzy Systems, 2020, 28, 259-272.	6.5	19
16	Ensemble Selection based on Classifier Prediction Confidence. Pattern Recognition, 2020, 100, 107104.	5.1	41
17	Feature Extraction For Visual Speaker Authentication Against Computer-Generated Video Attacks. , 2020, , .		6
18	ENF Based Video Forgery Detection Algorithm. International Journal of Digital Crime and Forensics, 2020, 12, 131-156.	0.5	11

#	Article	IF	Citations
19	Evolving interval-based representation for multiple classifier fusion. Knowledge-Based Systems, 2020, 201-202, 106034.	4.0	9
20	Multi-layer heterogeneous ensemble with classifier and feature selection. , 2020, , .		10
21	A Homogeneous-Heterogeneous Ensemble of Classifiers. Communications in Computer and Information Science, 2020, , 251-259.	0.4	3
22	Confidence in Prediction: An Approach for Dynamic Weighted Ensemble. Lecture Notes in Computer Science, 2020, , 358-370.	1.0	0
23	Aggregation of Classifiers: A Justifiable Information Granularity Approach. IEEE Transactions on Cybernetics, 2019, 49, 2168-2177.	6.2	30
24	A global and local context integration DCNN for adult image classification. Pattern Recognition, 2019, 96, 106983.	5.1	13
25	Simultaneous meta-data and meta-classifier selection in multiple classifier system. , 2019, , .		5
26	Lip Image Segmentation in Mobile Devices Based on Alternative Knowledge Distillation. , 2019, , .		4
27	An Online Variational Inference and Ensemble Based Multi-label Classifier for Data Streams. , 2019, , .		2
28	Multi-label classification via incremental clustering on an evolving data stream. Pattern Recognition, 2019, 95, 96-113.	5.1	35
29	A lossless online Bayesian classifier. Information Sciences, 2019, 489, 1-17.	4.0	8
30	Toward adaptive BDCT feature representation based image splicing measurement in smart cities. Measurement: Journal of the International Measurement Confederation, 2019, 139, 61-69.	2.5	2
31	A weighted multiple classifier framework based on random projection. Information Sciences, 2019, 490, 36-58.	4.0	27
32	Automated Building Footprint and 3D Building Model Generation from Lidar Point Cloud Data. , 2019, , .		4
33	Acceleration of Genetic Algorithm on GPU CUDA Platform. , 2019, , .		3
34	Lip image segmentation based on a fuzzy convolutional neural network. IEEE Transactions on Fuzzy Systems, 2019, , 1-1.	6.5	18
35	Abundance-Guided Superpixels and Recurrent Neural Network for Hyperspectral Image Classification. , 2019, , .		1
36	Conditional Random Field and Deep Feature Learning for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 1612-1628.	2.7	49

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37	Multi-label classification via label correlation and first order feature dependance in a data stream. Pattern Recognition, 2019, 90, 35-51.	5.1	39
38	Noisy values detection and correction of traffic accident data. Information Sciences, 2019, 476, 132-146.	4.0	21
39	Evolving an Optimal Decision Template for Combining Classifiers. Lecture Notes in Computer Science, 2019, , 608-620.	1.0	6
40	Bi-clustering by Multi-objective Evolutionary Algorithm for Multimodal Analytics and Big Data. , 2019, , 125-150.		1
41	A Novel Online Ensemble Convolutional Neural Networks for Streaming Data. Lecture Notes in Computer Science, 2019, , 199-210.	1.0	1
42	Recent Advances in Passive Digital Image Security Forensics: A Brief Review. Engineering, 2018, 4, 29-39.	3.2	58
43	Variational inference based bayes online classifiers with concept drift adaptation. Pattern Recognition, 2018, 81, 280-293.	5.1	21
44	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.	2.5	27
45	Brain mid-sagittal surface extraction based on fractal analysis. Neural Computing and Applications, 2018, 30, 153-162.	3.2	7
46	Structure-based prediction of protein– peptide binding regions using Random Forest. Bioinformatics, 2018, 34, 477-484.	1.8	62
47	Heterogeneous classifier ensemble with fuzzy rule-based meta learner. Information Sciences, 2018, 422, 144-160.	4.0	36
48	Spectral-Spatial Scale Invariant Feature Transform for Hyperspectral Images. IEEE Transactions on Image Processing, 2018, 27, 837-850.	6.0	52
49	Unbinding of Kinesin from Microtubule in the Strongly Bound States Enhances under Assisting Forces. Molecular Informatics, 2018, 37, e1700092.	1.4	4
50	Weakly Supervised Video Object Segmentation. , 2018, , .		0
51	Triplet Constrained Deep Feature Extraction for Hyperspectral Image Classification. , 2018, , .		0
52	Combining heterogeneous classifiers via granular prototypes. Applied Soft Computing Journal, 2018, 73, 795-815.	4.1	20
53	Predicting lysine–malonylation sites of proteins using sequence and predicted structural features. Journal of Computational Chemistry, 2018, 39, 1757-1763.	1.5	30
54	Enhanced multi-objective particle swarm optimisation for estimating hand postures. Knowledge-Based Systems, 2018, 158, 175-195.	4.0	14

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55	Visual speaker authentication with random prompt texts by a dual-task CNN framework. Pattern Recognition, 2018, 83, 340-352.	5.1	19
56	Resilience Factors Important in Health-Related Quality of Life of Subjects With COPD. Respiratory Care, 2018, 63, 1281-1292.	0.8	15
57	An Efficient Method for Boundary Detection from Hyperspectral Imagery. Lecture Notes in Computer Science, 2018, , 416-426.	1.0	1
58	Automatic Image Region Annotation by Genetic Algorithm-Based Joint Classifier and Feature Selection in Ensemble System. Lecture Notes in Computer Science, 2018, , 599-609.	1.0	1
59	Bicluster Detection by Hyperplane Projection and Evolutionary Optimization. , 2018, , .		0
60	Fast and robust framework for view-invariant gait recognition. , 2017, , .		3
61	Parallel biclustering detection using strength Pareto front evolutionary algorithm. Information Sciences, 2017, 415-416, 283-297.	4.0	16
62	Spatial Possibilistic Fuzzy C-Mean Segmentation Algorithm Integrated with Brain Mid-sagittal Surface Information. International Journal of Fuzzy Systems, 2017, 19, 591-605.	2.3	12
63	Combining Unmixing and Deep Feature Learning for Hyperspectral Image Classification. , 2017, , .		5
64	A Novel Bayesian Framework for Online Imbalanced Learning. , 2017, , .		1
65	Learning from Data Stream Based on Random Projection and Hoeffding Tree Classifier. , 2017, , .		9
66	Material Based Boundary Detection in Hyperspectral Images. , 2017, , .		2
67	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.	0.5	9
68	Let's Consider Two Objectives When Estimating Hand Postures. Lecture Notes in Computer Science, 2017, , 119-130.	1.0	0
69	Sequence‐based prediction of protein–peptide binding sites using support vector machine. Journal of Computational Chemistry, 2016, 37, 1223-1229.	1.5	81
70	A Novel Online Bayes Classifier. , 2016, , .		3
71	An Improved Extreme Learning Machine with Parallelized Feature Mapping Structures. , 2016, , .		1
72	Online-Offline Extreme Learning Machine with Concept Drift Tracking for Time Series Data. , 2016, , .		0

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73	Image Aesthetic Evaluation Using Parallel Deep Convolution Neural Network. , 2016, , .		2
74	Segmentation and recognition of multi-model photo event. Neurocomputing, 2016, 172, 159-167.	3.5	11
75	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.	5.1	39
76	Visual speaker identification and authentication by joint spatiotemporal sparse coding and hierarchical pooling. Information Sciences, 2016, 373, 219-232.	4.0	13
77	Sequence-Based Prediction of Protein–Carbohydrate Binding Sites Using Support Vector Machines. Journal of Chemical Information and Modeling, 2016, 56, 2115-2122.	2.5	59
78	CRF learning with CNN features for hyperspectral image segmentation. , 2016, , .		22
79	Bicluster detection using strength pareto front evolutionary algorithm. , 2016, , .		2
80	Missing value imputation for the analysis of incomplete traffic accident data. Information Sciences, 2016, 339, 274-289.	4.0	86
81	A novel combining classifier method based on Variational Inference. Pattern Recognition, 2016, 49, 198-212.	5.1	44
82	Biclustering analysis of gene expression data using multi-objective evolutionary algorithms. , 2015, , .		4
83	Colour-emotion association study on abstract art painting. , 2015, , .		3
84	A Multi-Kernel Local Level Set Image Segmentation Algorithm for Fluorescence Microscopy Images. , 2015, , .		0
85	Level Set Based Segmentation of Cell Nucleus in Fluorescence Microscopy Images Using Correntropy-Based K-Means Clustering. , 2015, , .		2
86	Recommendation system for HBB TV: Model design and implementation. , 2015, , .		1
87	A stochastic automaton model for simulating kinesin processivity. Bioinformatics, 2015, 31, 390-396.	1.8	7
88	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.	0.8	13
89	Incorrect attribute value detection for traffic accident data. , 2015, , .		3
90	Content based recommendation for HBB TV based on bayes conditional probability for multiple variables approach. , 2015, , .		0

#	Article	IF	Citations
91	The Challenges of Digital Museum. , 2015, , 4929-4937.		1
92	Bicluster Analysis for Coherent Pattern Discovery. , 2015, , 1665-1674.		1
93	Symmetry Detection in Brain Image Analysis. , 2015, , 5615-5623.		0
94	Computational Modeling of Kinesin Stepping. Journal of Chemical Information and Modeling, 2014, 54, 3439-3445.	2.5	1
95	Genetic algorithm based detection of general linear biclusters. , 2014, , .		4
96	Fuzzy clustering using local and global region information for cell image segmentation. , 2014, , .		4
97	Definition and extraction of lip protrusion based on the facial skeleton data. , 2014, , .		0
98	Sparse coding based lip texture representation for visual speaker identification. , 2014, , .		1
99	A novel genetic algorithm approach for simultaneous feature and classifier selection in multi classifier system. , 2014, , .		22
100	Detection of shifted double JPEG compression by an adaptive DCT coefficient model. Eurasip Journal on Advances in Signal Processing, 2014, 2014, .	1.0	4
101	Symplectic geometry spectrum analysis of nonlinear time series. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2014, 470, 20140409.	1.0	31
102	A mathematical model describing the mechanical kinetics of kinesin stepping. Bioinformatics, 2014, 30, 353-359.	1.8	16
103	Visual saliency detection based on region descriptors and prior knowledge. Signal Processing: Image Communication, 2014, 29, 424-433.	1.8	18
104	Neurocognitive dysfunction and grey matter density deficit in children with obstructive sleep apnoea. Sleep Medicine, 2014, 15, 1055-1061.	0.8	69
105	Optimization of ensemble classifier system based on multiple objectives genetic algorithm. , 2014, , .		4
106	A Novel 2-Stage Combining Classifier Model with Stacking and Genetic Algorithm Based Feature Selection. Lecture Notes in Computer Science, 2014, , 33-43.	1.0	7
107	Combining Multi Classifiers Based on a Genetic Algorithm â€" A Gaussian Mixture Model Framework. Lecture Notes in Computer Science, 2014, , 56-67.	1.0	5
108	Missing Value Imputation for the Analysis of Incomplete Traffic Accident Data. Communications in Computer and Information Science, 2014, , 275-286.	0.4	5

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109	Topological Wiener Indices and Polynomials of C$_{84}$ Fullerene Nanocage. Nanoscience and Nanotechnology Letters, 2014, 6, 532-536.	0.4	2
110	Combining Classifiers Based on Gaussian Mixture Model Approach to Ensemble Data. Communications in Computer and Information Science, 2014, , 3-12.	0.4	1
111	Fuzzy If-Then Rules Classifier on Ensemble Data. Communications in Computer and Information Science, 2014, , 362-370.	0.4	3
112	Fusion of Classifiers Based on a Novel 2-Stage Model. Communications in Computer and Information Science, 2014, , 60-68.	0.4	4
113	Image Segmentation Based on Graph-Cut Models and Probabilistic Graphical Models: A Comparative Study. Communications in Computer and Information Science, 2014, , 371-378.	0.4	3
114	Brain symmetry plane detection based on fractal analysis. Computerized Medical Imaging and Graphics, 2013, 37, 568-580.	3.5	20
115	A modified Fuzzy C-means algorithm with symmetry information for MR brain image segmentation. , 2013, , .		3
116	An integration strategy based on fuzzy clustering and level set method for cell image segmentation. , 2013, , .		8
117	Flexible Autonomous Behaviors of Kinesin and Muscle Myosin Bio-Nanorobots. IEEE Transactions on Industrial Electronics, 2013, 60, 5116-5123.	5.2	4
118	Symmetry incorporated fuzzy c-means method for image segmentation. , 2013, , .		6
119	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
120	Colon Cell Image Segmentation Based on Level Set and Kernel-Based Fuzzy Clustering. Lecture Notes in Computer Science, 2013, , 120-129.	1.0	5
121	Symmetry Plane Detection in Brain Image Analysis: A Survey. Current Medical Imaging, 2013, 9, 230-247.	0.4	4
122	Near-Optimal Collusion-Secure Fingerprinting Codes for Efficiently Tracing Illegal Re-distribution. Lecture Notes in Computer Science, 2012, , 352-361.	1.0	1
123	Biclustering Analysis for Pattern Discovery: Current Techniques, Comparative Studies and Applications. Current Bioinformatics, 2012, 7, 43-55.	0.7	37
124	Fractal dimension as a symmetry measure in 3D brain MRI analysis. , 2012, , .		3
125	Symmetry plane detection in neuroimages based on intensity profile analysis. , 2012, , .		17
126	Parallelized Evolutionary Learning for Detection of Biclusters in Gene Expression Data. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2012, 9, 560-570.	1.9	48

#	Article	IF	Citations
127	Physiological and behavioral lip biometrics: A comprehensive study of their discriminative power. Pattern Recognition, 2012, 45, 3328-3335.	5.1	38
128	Seed-Based Biclustering of Gene Expression Data. PLoS ONE, 2012, 7, e42431.	1.1	7
129	Missing value imputation for gene expression data: computational techniques to recover missing data from available information. Briefings in Bioinformatics, 2011, 12, 498-513.	3.2	175
130	Recent Patents on Biclustering Algorithms for Gene Expression Data Analysis. Recent Patents on DNA & Gene Sequences, 2011, 5, 117-125.	0.7	4
131	An information-based color feature representation and its application in detecting adult images. Journal of Shanghai Jiaotong University (Science), 2011, 16, 395-401.	0.5	0
132	Statistical texture classifcation via histograms of wavelet filtered images. , 2011, , .		0
133	General Retinal Vessel Segmentation Using Regularization-Based Multiconcavity Modeling. IEEE Transactions on Medical Imaging, 2010, 29, 1369-1381.	5.4	232
134	Multiconstrained gene clustering based on generalized projections. BMC Bioinformatics, 2010, 11, 164.	1.2	1
135	Periodicity analysis of DNA microarray gene expression time series profiles in mouse segmentation clock data. Statistics and Its Interface, 2010, 3, 413-418.	0.2	6
136	Reliable detection of short periodic gene expression time series profiles in DNA microarray data. , 2009, , .		1
137	Statistical power of Fisher test for the detection of short periodic gene expression profiles. Pattern Recognition, 2009, 42, 549-556.	5.1	26
138	Optimizing Sharpness Measure for Bright Lesion Detection in Retinal Image Analysis. , 2009, , .		0
139	Cluster Analysis of Gene Expression Data. , 2009, , 289-296.		1
140	Lip Extraction for Lipreading and Speaker Authentication. , 2009, , 2437-2444.		0
141	Image Compression Concepts Overview. , 2009, , 1805-1811.		0
142	Content-Based Image Retrieval. , 2009, , 744-749.		1
143	Lip Region Segmentation with Complex Background. , 2009, , 150-171.		4
144	A Regularized Clustering Algorithm Based on Calculus of Variations. Journal of Signal Processing Systems, 2008, 50, 281-292.	1.4	1

#	Article	IF	Citations
145	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.	0.8	51
146	Discovering biclusters in gene expression data based on high-dimensional linear geometries. BMC Bioinformatics, 2008, 9, 209.	1.2	82
147	Identification of coherent patterns in gene expression data using an efficient biclustering algorithm and parallel coordinate visualization. BMC Bioinformatics, 2008, 9, 210.	1.2	75
148	An Automatic Lipreading System for Spoken Digits With Limited Training Data. IEEE Transactions on Circuits and Systems for Video Technology, 2008, 18, 1760-1765.	5.6	23
149	Lip Contour Extraction Based on Support Vector Machine Add Support. , 2008, , .		2
150	Spectral analysis of microarray gene expression time series data of Plasmodium falciparum. International Journal of Bioinformatics Research and Applications, 2008, 4, 337.	0.1	11
151	Biclusters Visualization and Detection Using Parallel Coordinate Plots. AIP Conference Proceedings, 2007, , .	0.3	4
152	Automated cDNA Microarray Image Segmentation. AIP Conference Proceedings, 2007, , .	0.3	0
153	Statistical Detection of Short Periodic Gene Expression Time Series Profiles. AIP Conference Proceedings, 2007, , .	0.3	0
154	ICA-Based Lip Feature Representation for Speaker Authentication. , 2007, , .		8
155	Eukaryotic promoter prediction based on relative entropy and positional information. Physical Review E, 2007, 75, 041908.	0.8	25
156	Information-Based Color Feature Representation for Image Classification. , 2007, , .		18
157	Robust lip region segmentation for lip images with complex background. Pattern Recognition, 2007, 40, 3481-3491.	5.1	43
158	Spectral estimation in unevenly sampled space of periodically expressed microarray time series data. BMC Bioinformatics, 2007, 8, 137.	1.2	28
159	A NEW STRATEGY OF GEOMETRICAL BICLUSTERING FOR MICROARRAY DATA ANALYSIS. , 2007, , .		9
160	Microarray Missing Data Imputation based on a Set Theoretic Framework and Biological Constraints. , 2006, , .		0
161	A POCS-based constrained total least squares algorithm for image restoration. Journal of Visual Communication and Image Representation, 2006, 17, 986-1003.	1.7	9
162	Automatic Lipreading with Limited Training Data. , 2006, , .		13

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163	Detecting Periodically Expressed Genes based on Time-frequency Analysis and L-curve Method. , 2006, , .		0
164	Microarray missing data imputation based on a set theoretic framework and biological knowledge. Nucleic Acids Research, 2006, 34, 1608-1619.	6.5	92
165	Current Methods in the Automatic Tissue Segmentation of 3D Magnetic Resonance Brain Images. Current Medical Imaging, 2006, 2, 91-103.	0.4	97
166	A New Spectrum Estimation Method in Unevenly Sampling Space. , 2006, , .		0
167	Parametric Spectral Analysis of Malaria Gene Expression Time Series Data. Lecture Notes in Computer Science, 2006, , 32-41.	1.0	1
168	Fuzzy Clustering-Based Approaches in Automatic Lip Segmentation from Color Images. , 2006, , 292-317.		0
169	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.	0.1	8
170	Microarray Data Analysis. , 2005, , 353-388.		4
171	Pattern recognition techniques for the emerging field of bioinformatics: A review. Pattern Recognition, 2005, 38, 2055-2073.	5.1	93
172	A smoothness constraint set based on local statistics of BDCT coefficients for image postprocessing. Image and Vision Computing, 2005, 23, 731-737.	2.7	6
173	Data Mining for Bioinformatics. , 2005, , 63-116.		3
174	OPTOC-Based Clustering Analysis of Gene Expression Profiles in Spectral Space. Lecture Notes in Computer Science, 2005, , 709-718.	1.0	1
175	Biclustering gene expression data based on a high dimensional geometric method. , 2005, , .		11
176	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.	5.6	41
177	Image segmentation based on adaptive cluster prototype estimation. IEEE Transactions on Fuzzy Systems, 2005, 13, 444-453.	6.5	64
178	COMPUTER TECHNIQUES FOR THE AUTOMATIC SEGMENTATION OF 3D MR BRAIN IMAGES. , 2005, , 307-357.		2
179	Dominant spectral component analysis for transcriptional regulations using microarray time-series data. Bioinformatics, 2004, 20, 742-749.	1.8	38
180	Missing microarray data estimation based on projection onto convex sets method. , 2004, , .		0

#	Article	IF	Citations
181	Selection of statistical features based on mutual information for classification of human coding and non-coding DNA sequences. , 2004, , .		1
182	A Computational Approach to Gene Expression Data Extraction and Analysis. Journal of Signal Processing Systems, 2004, 38, 237-258.	1.0	5
183	Blocking Artifacts Suppression in Block-Coded Images Using Overcomplete Wavelet Representation. IEEE Transactions on Circuits and Systems for Video Technology, 2004, 14, 450-461.	5.6	134
184	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.	3.6	85
185	DB-Curve: a novel 2D method of DNA sequence visualization and representation. Chemical Physics Letters, 2003, 367, 170-176.	1.2	74
186	Robust adaptive spot segmentation of DNA microarray images. Pattern Recognition, 2003, 36, 1251-1254.	5.1	54
187	Blocking artifact reduction in compressed images based on edge-adaptive quadrangle meshes. Journal of Visual Communication and Image Representation, 2003, 14, 492-507.	1.7	12
188	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
189	An adaptive spatial fuzzy clustering algorithm for 3-D MR image segmentation. IEEE Transactions on Medical Imaging, 2003, 22, 1063-1075.	5.4	287
190	Segmentation of color lip images by spatial fuzzy clustering. IEEE Transactions on Fuzzy Systems, 2003, 11, 542-549.	6.5	112
191	Classification of short human exons and introns based on statistical features. Physical Review E, 2003, 67, 061916.	0.8	16
192	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.	5.6	38
193	Lip contour extraction from color images using a deformable model. Pattern Recognition, 2002, 35, 2949-2962.	5.1	48
194	Reconstruction from 2-D wavelet transform modulus maxima using projection. IET Computer Vision, 2000, 147, 176.	1.3	14
195	Fuzzy image clustering incorporating spatial continuity. IET Computer Vision, 2000, 147, 185.	1.3	158
196	Region-based approach to robust lip contour extraction. Electronics Letters, 2000, 36, 1272.	0.5	7
197	Lip contour extraction using a deformable model. , 2000, , .		22
198	Wavelet maxima reconstruction by conjugate gradient. Electronics Letters, 1997, 33, 1928.	0.5	4

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199	Direct reconstruction method for wavelet transform extrema representation. IET Computer Vision, 1997, 144, 193.	1.3	10
200	Multiple resolution image restoration. IET Computer Vision, 1997, 144, 199.	1.3	5
201	Reconstruction from wavelet transform modulus maxima using nonexpansive projections. Electronics Letters, 1995, 31, 1038-1039.	0.5	11
202	Uniqueness issue of wavelet transform modulus maxima representation and a least squares reconstruction algorithm. Electronics Letters, 1995, 31, 1735-1736.	0.5	10
203	Signal reconstruction from the wavelet transform modulus maxima. , 0, , .		0
204	An adaptive fuzzy clustering algorithm for medical image segmentation. , 0, , .		3
205	Blocking artifacts reduction in JPEG compressed images using overcomplete wavelet representation. , 0, , .		3
206	Fast algorithm for binary field wavelet transform for image processing. , 0, , .		1
207	Eye extraction using spatial fuzzy clustering method. , 0, , .		1
208	A novel OPTOC-based clustering algorithm for gene expression data analysis. , 0, , .		1
209	Adaptive fuzzy segmentation of 3D MR brain images. , 0, , .		0
210	A NURBS-based vector muscle model for generating human facial expressions. , 0, , .		2
211	POCS-hased blocking artifacts suppression with region smoothness constraints for graphic images. , 0, , .		1
212	Lip-sync in human face animation based on video analysis and spline models. , 0, , .		7
213	Lip segmentation with the presence of beards. , 0, , .		11
214	Double spline muscle models for human face animation based on video analysis. , 0, , .		0
215	Pattern-baseb content lossless compression of Chinese document images. , 0, , .		0
216	Image restoration based on constrained total least squares. , 0, , .		0

#	ARTICLE	IF	CITATIONS
217	Graphics processing unit acceleration of the island model genetic algorithm using the CUDA programming platform. Concurrency Computation Practice and Experience, 0, , e6286.	1.4	6