

Feiping Nie

List of Publications by Year in descending order

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431
papers

19,465
citations

14644

66
h-index

22147

113
g-index

431
all docs

431
docs citations

431
times ranked

9659
citing authors

#	ARTICLE	IF	CITATIONS
1	Joint Embedding Learning and Sparse Regression: A Framework for Unsupervised Feature Selection. IEEE Transactions on Cybernetics, 2014, 44, 793-804.	6.2	552
2	Clustering and projected clustering with adaptive neighbors. , 2014, , .		524
3	Learning a Mahalanobis distance metric for data clustering and classification. Pattern Recognition, 2008, 41, 3600-3612.	5.1	500
4	Flexible Manifold Embedding: A Framework for Semi-Supervised and Unsupervised Dimension Reduction. IEEE Transactions on Image Processing, 2010, 19, 1921-1932.	6.0	439
5	A Multimedia Retrieval Framework Based on Semi-Supervised Ranking and Relevance Feedback. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2012, 34, 723-742.	9.7	426
6	Discriminative Least Squares Regression for Multiclass Classification and Feature Selection. IEEE Transactions on Neural Networks and Learning Systems, 2012, 23, 1738-1754.	7.2	359
7	Multi-view Subspace Clustering. , 2015, , .		328
8	Multiview Consensus Graph Clustering. IEEE Transactions on Image Processing, 2019, 28, 1261-1270.	6.0	310
9	Multi-Class Active Learning by Uncertainty Sampling with Diversity Maximization. International Journal of Computer Vision, 2015, 113, 113-127.	10.9	296
10	Image Clustering Using Local Discriminant Models and Global Integration. IEEE Transactions on Image Processing, 2010, 19, 2761-2773.	6.0	295
11	A Semisupervised Recurrent Convolutional Attention Model for Human Activity Recognition. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 1747-1756.	7.2	269
12	Auto-Weighted Multi-View Learning for Image Clustering and Semi-Supervised Classification. IEEE Transactions on Image Processing, 2018, 27, 1501-1511.	6.0	267
13	Self-weighted Multiview Clustering with Multiple Graphs. , 2017, , .		265
14	Spectral Embedded Clustering: A Framework for In-Sample and Out-of-Sample Spectral Clustering. IEEE Transactions on Neural Networks, 2011, 22, 1796-1808.	4.8	246
15	Trace Ratio Problem Revisited. IEEE Transactions on Neural Networks, 2009, 20, 729-735.	4.8	238
16	Robust Manifold Nonnegative Matrix Factorization. ACM Transactions on Knowledge Discovery From Data, 2014, 8, 1-21.	2.5	208
17	Revisiting Co-Saliency Detection: A Novel Approach Based on Two-Stage Multi-View Spectral Rotation Co-clustering. IEEE Transactions on Image Processing, 2017, 26, 3196-3209.	6.0	204
18	Detecting Coherent Groups in Crowd Scenes by Multiview Clustering. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 42, 46-58.	9.7	201

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19	Feature selection with multi-view data: A survey. Information Fusion, 2019, 50, 158-167.	11.7	200
20	Rank-Constrained Spectral Clustering With Flexible Embedding. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 6073-6082.	7.2	195
21	Dynamic Affinity Graph Construction for Spectral Clustering Using Multiple Features. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 6323-6332.	7.2	191
22	Compound Rank- ℓ_1 and ℓ_2 Projections for Bilinear Analysis. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 1502-1513.	7.2	184
23	Web Image Annotation Via Subspace-Sparsity Collaborated Feature Selection. IEEE Transactions on Multimedia, 2012, 14, 1021-1030.	5.2	171
24	Adaptive Unsupervised Feature Selection With Structure Regularization. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 944-956.	7.2	167
25	A unified framework for semi-supervised dimensionality reduction. Pattern Recognition, 2008, 41, 2789-2799.	5.1	166
26	Heterogeneous image feature integration via multi-modal spectral clustering. , 2011, , .		166
27	Robust Object Co-Segmentation Using Background Prior. IEEE Transactions on Image Processing, 2018, 27, 1639-1651.	6.0	155
28	Ranking with local regression and global alignment for cross media retrieval. , 2009, , .		153
29	Multitask Spectral Clustering by Exploring Intertask Correlation. IEEE Transactions on Cybernetics, 2015, 45, 1083-1094.	6.2	150
30	Identifying quantitative trait loci via group-sparse multitask regression and feature selection: an imaging genetics study of the ADNI cohort. Bioinformatics, 2012, 28, 229-237.	1.8	149
31	Semi-supervised orthogonal discriminant analysis via label propagation. Pattern Recognition, 2009, 42, 2615-2627.	5.1	134
32	Effective Discriminative Feature Selection With Nontrivial Solution. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 796-808.	7.2	130
33	Discriminating Joint Feature Analysis for Multimedia Data Understanding. IEEE Transactions on Multimedia, 2012, 14, 1662-1672.	5.2	129
34	Beyond Trace Ratio: Weighted Harmonic Mean of Trace Ratios for Multiclass Discriminant Analysis. IEEE Transactions on Knowledge and Data Engineering, 2017, 29, 2100-2110.	4.0	128
35	Multi-View Unsupervised Feature Selection with Adaptive Similarity and View Weight. IEEE Transactions on Knowledge and Data Engineering, 2017, 29, 1998-2011.	4.0	127
36	Feature Selection via Global Redundancy Minimization. IEEE Transactions on Knowledge and Data Engineering, 2015, 27, 2743-2755.	4.0	126

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37	Multiview Clustering: A Scalable and Parameter-Free Bipartite Graph Fusion Method. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 330-344.	9.7	125
38	Image Classification by Cross-Media Active Learning With Privileged Information. IEEE Transactions on Multimedia, 2016, 18, 2494-2502.	5.2	124
39	Multi-view spectral clustering via integrating nonnegative embedding and spectral embedding. Information Fusion, 2020, 55, 251-259.	11.7	123
40	Fast and Orthogonal Locality Preserving Projections for Dimensionality Reduction. IEEE Transactions on Image Processing, 2017, 26, 5019-5030.	6.0	122
41	A generalized power iteration method for solving quadratic problem on the Stiefel manifold. Science China Information Sciences, 2017, 60, 1.	2.7	120
42	SVM based multi-label learning with missing labels for image annotation. Pattern Recognition, 2018, 78, 307-317.	5.1	118
43	A general graph-based semi-supervised learning with novel class discovery. Neural Computing and Applications, 2010, 19, 549-555.	3.2	116
44	Graph Structure Fusion for Multiview Clustering. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 1984-1993.	4.0	115
45	Joint Schatten p -norm and $\ell_{p,1}$ -norm robust matrix completion for missing value recovery. Knowledge and Information Systems, 2015, 42, 525-544.	2.1	114
46	Spectral Embedded Adaptive Neighbors Clustering. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 1265-1271.	7.2	114
47	Multiview Clustering via Adaptively Weighted Procrustes. , 2018, , .		112
48	Generalized Uncorrelated Regression with Adaptive Graph for Unsupervised Feature Selection. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 1587-1595.	7.2	112
49	Semi-Supervised Classification via Local Spline Regression. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2010, 32, 2039-2053.	9.7	107
50	A generative probability model of joint label fusion for multi-atlas based brain segmentation. Medical Image Analysis, 2014, 18, 881-890.	7.0	107
51	Optimized Graph Learning Using Partial Tags and Multiple Features for Image and Video Annotation. IEEE Transactions on Image Processing, 2016, 25, 4999-5011.	6.0	107
52	Person Reidentification via Multi-Feature Fusion With Adaptive Graph Learning. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 1592-1601.	7.2	107
53	Nonlinear Dimensionality Reduction with Local Spline Embedding. IEEE Transactions on Knowledge and Data Engineering, 2009, 21, 1285-1298.	4.0	105
54	Re-Weighted Discriminatively Embedded k -Means for Multi-View Clustering. IEEE Transactions on Image Processing, 2017, 26, 3016-3027.	6.0	104

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55	Web and Personal Image Annotation by Mining Label Correlation With Relaxed Visual Graph Embedding. IEEE Transactions on Image Processing, 2012, 21, 1339-1351.	6.0	103
56	Locality Adaptive Discriminant Analysis. , 2017, , .		101
57	On the equivalent of low-rank linear regressions and linear discriminant analysis based regressions. , 2013, , .		98
58	Multiple view semi-supervised dimensionality reduction. Pattern Recognition, 2010, 43, 720-730.	5.1	96
59	Fast Spectral Clustering With Anchor Graph for Large Hyperspectral Images. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 2003-2007.	1.4	96
60	Robust 2DPCA With Non-greedy ℓ_1 -Norm Maximization for Image Analysis. IEEE Transactions on Cybernetics, 2015, 45, 1108-1112.	6.2	94
61	A Non-Greedy Algorithm for L1-Norm LDA. IEEE Transactions on Image Processing, 2017, 26, 684-695.	6.0	94
62	Semi-Supervised Dimension Reduction Using Trace Ratio Criterion. IEEE Transactions on Neural Networks and Learning Systems, 2012, 23, 519-526.	7.2	91
63	Learning a 3D Human Pose Distance Metric from Geometric Pose Descriptor. IEEE Transactions on Visualization and Computer Graphics, 2011, 17, 1676-1689.	2.9	90
64	Semisupervised Dimensionality Reduction and Classification Through Virtual Label Regression. IEEE Transactions on Systems, Man, and Cybernetics, 2011, 41, 675-685.	5.5	88
65	Discriminatively Embedded K-Means for Multi-view Clustering. , 2016, , .		88
66	A general kernelization framework for learning algorithms based on kernel PCA. Neurocomputing, 2010, 73, 959-967.	3.5	85
67	$\ell_{2,p}$ -Norm Based PCA for Image Recognition. IEEE Transactions on Image Processing, 2018, 27, 1336-1346.	6.0	83
68	Efficient semi-supervised feature selection with noise insensitive trace ratio criterion. Neurocomputing, 2013, 105, 12-18.	3.5	80
69	Heterogeneous Image Features Integration via Multi-modal Semi-supervised Learning Model. , 2013, , .		78
70	Adaptive-weighting discriminative regression for multi-view classification. Pattern Recognition, 2019, 88, 236-245.	5.1	78
71	Deep Binary Reconstruction for Cross-Modal Hashing. IEEE Transactions on Multimedia, 2019, 21, 973-985.	5.2	77
72	Robust Matrix Completion via Joint Schatten p-Norm and lp-Norm Minimization. , 2012, , .		73

#	ARTICLE	IF	CITATIONS
73	Sparse multi-task regression and feature selection to identify brain imaging predictors for memory performance. , 2011, , 557-562.		72
74	Discriminative Embedded Clustering: A Framework for Grouping High-Dimensional Data. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 1287-1299.	7.2	72
75	Extracting the optimal dimensionality for local tensor discriminant analysis. Pattern Recognition, 2009, 42, 105-114.	5.1	71
76	Scalable Multi-View Semi-Supervised Classification via Adaptive Regression. IEEE Transactions on Image Processing, 2017, 26, 4283-4296.	6.0	71
77	Multi-view spectral clustering via sparse graph learning. Neurocomputing, 2020, 384, 1-10.	3.5	71
78	A New Formulation of Linear Discriminant Analysis for Robust Dimensionality Reduction. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 629-640.	4.0	70
79	Hierarchical Feature Selection for Random Projection. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 1581-1586.	7.2	69
80	Heterogeneous Visual Features Fusion via Sparse Multimodal Machine. , 2013, , .		67
81	Angle 2DPCA: A New Formulation for 2DPCA. IEEE Transactions on Cybernetics, 2018, 48, 1672-1678.	6.2	67
82	Multiple rank multi-linear SVM for matrix data classification. Pattern Recognition, 2014, 47, 454-469.	5.1	65
83	Semi-supervised Feature Selection via Rescaled Linear Regression. , 2017, , .		65
84	Harnessing Lab Knowledge for Real-World Action Recognition. International Journal of Computer Vision, 2014, 109, 60-73.	10.9	63
85	Convex Sparse PCA for Unsupervised Feature Learning. ACM Transactions on Knowledge Discovery From Data, 2017, 11, 1-16.	2.5	63
86	Efficient Feature Selection via $\ell_{2,0}$ -norm Constrained Sparse Regression. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 880-893.	4.0	62
87	K-Multiple-Means. , 2019, , .		62
88	Spectral Clustering by Joint Spectral Embedding and Spectral Rotation. IEEE Transactions on Cybernetics, 2020, 50, 247-258.	6.2	60
89	Unsupervised Feature Selection via Unified Trace Ratio Formulation and K-means Clustering (TRACK). Lecture Notes in Computer Science, 2014, , 306-321.	1.0	60
90	Semi-Supervised Feature Selection via Sparse Rescaled Linear Square Regression. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 165-176.	4.0	59

#	ARTICLE	IF	CITATIONS
91	Optimal graph learning with partial tags and multiple features for image and video annotation. , 2015, , .		57
92	Object Co-segmentation via Graph Optimized-Flexible Manifold Ranking. , 2016, , .		57
93	Identifying AD-Sensitive and Cognition-Relevant Imaging Biomarkers via Joint Classification and Regression. Lecture Notes in Computer Science, 2011, 14, 115-123.	1.0	57
94	Scalable Graph-Based Clustering With Nonnegative Relaxation for Large Hyperspectral Image. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 7352-7364.	2.7	56
95	Deep Fuzzy K-Means With Adaptive Loss and Entropy Regularization. IEEE Transactions on Fuzzy Systems, 2020, 28, 2814-2824.	6.5	56
96	Self-weighted Robust LDA for Multiclass Classification with Edge Classes. ACM Transactions on Intelligent Systems and Technology, 2021, 12, 1-19.	2.9	56
97	Predicting Protein-Protein Interactions from Multimodal Biological Data Sources via Nonnegative Matrix Tri-Factorization. Journal of Computational Biology, 2013, 20, 344-358.	0.8	55
98	Auto-weighted multi-view co-clustering via fast matrix factorization. Pattern Recognition, 2020, 102, 107207.	5.1	55
99	Towards Robust Discriminative Projections Learning via Non-Greedy ℓ_1 -Norm MinMax. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 2086-2100.	9.7	53
100	Orthogonal vs. uncorrelated least squares discriminant analysis for feature extraction. Pattern Recognition Letters, 2012, 33, 485-491.	2.6	52
101	Initialization Independent Clustering With Actively Self-Training Method. IEEE Transactions on Systems, Man, and Cybernetics, 2012, 42, 17-27.	5.5	52
102	Unsupervised Single and Multiple Views Feature Extraction with Structured Graph. IEEE Transactions on Knowledge and Data Engineering, 2017, 29, 2347-2359.	4.0	51
103	A General Framework for Auto-Weighted Feature Selection via Global Redundancy Minimization. IEEE Transactions on Image Processing, 2019, 28, 2428-2438.	6.0	50
104	Improved MinMax Cut Graph Clustering with Nonnegative Relaxation. Lecture Notes in Computer Science, 2010, , 451-466.	1.0	49
105	Efficient Image Classification via Multiple Rank Regression. IEEE Transactions on Image Processing, 2013, 22, 340-352.	6.0	48
106	Submanifold-Preserving Discriminant Analysis With an Auto-Optimized Graph. IEEE Transactions on Cybernetics, 2020, 50, 3682-3695.	6.2	48
107	Parameter-Free Weighted Multi-View Projected Clustering with Structured Graph Learning. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 2014-2025.	4.0	48
108	Multi-View Scaling Support Vector Machines for Classification and Feature Selection. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 1419-1430.	4.0	48

#	ARTICLE	IF	CITATIONS
109	Supervised Feature Selection With Orthogonal Regression and Feature Weighting. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 1831-1838.	7.2	48
110	Orthogonal locality minimizing globality maximizing projections for feature extraction. Optical Engineering, 2009, 48, 017202.	0.5	47
111	Multi-modal classification of neurodegenerative disease by progressive graph-based transductive learning. Medical Image Analysis, 2017, 39, 218-230.	7.0	47
112	Flexible Manifold Learning With Optimal Graph for Image and Video Representation. IEEE Transactions on Image Processing, 2018, 27, 2664-2675.	6.0	47
113	Large Graph Clustering With Simultaneous Spectral Embedding and Discretization. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 4426-4440.	9.7	46
114	PurTreeClust: A Clustering Algorithm for Customer Segmentation from Massive Customer Transaction Data. IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 559-572.	4.0	44
115	Feature Learning Viewpoint of Adaboost and a New Algorithm. IEEE Access, 2019, 7, 149890-149899.	2.6	44
116	Self-Weighted Supervised Discriminative Feature Selection. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 3913-3918.	7.2	43
117	Joint Learning of Fuzzy k -Means and Nonnegative Spectral Clustering With Side Information. IEEE Transactions on Image Processing, 2019, 28, 2152-2162.	6.0	43
118	Local Adaptive Projection Framework for Feature Selection of Labeled and Unlabeled Data. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 6362-6373.	7.2	42
119	Spectral Clustering of Large-scale Data by Directly Solving Normalized Cut. , 2018, , .		42
120	Multilevel projections with adaptive neighbor graph for unsupervised multi-view feature selection. Information Fusion, 2021, 70, 129-140.	11.7	42
121	Embedding new data points for manifold learning via coordinate propagation. Knowledge and Information Systems, 2009, 19, 159-184.	2.1	41
122	On the eigenvectors of p -Laplacian. Machine Learning, 2010, 81, 37-51.	3.4	41
123	Dyadic transfer learning for cross-domain image classification. , 2011, , .		41
124	Fast spectral clustering learning with hierarchical bipartite graph for large-scale data. Pattern Recognition Letters, 2020, 130, 345-352.	2.6	41
125	Adaptive Weighted Sparse Principal Component Analysis for Robust Unsupervised Feature Selection. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 2153-2163.	7.2	41
126	GFIL: A Unified Framework for the Importance Analysis of Features, Frequency Bands, and Channels in EEG-Based Emotion Recognition. IEEE Transactions on Cognitive and Developmental Systems, 2022, 14, 935-947.	2.6	41

#	ARTICLE	IF	CITATIONS
127	Matrix Completion Based on Non-Convex Low-Rank Approximation. IEEE Transactions on Image Processing, 2019, 28, 2378-2388.	6.0	40
128	Saliency Detection via a Multiple Self-Weighted Graph-Based Manifold Ranking. IEEE Transactions on Multimedia, 2020, 22, 885-896.	5.2	40
129	Weighted bilateral K-means algorithm for fast co-clustering and fast spectral clustering. Pattern Recognition, 2021, 109, 107560.	5.1	40
130	Low Rank Regularization: A review. Neural Networks, 2021, 136, 218-232.	3.3	40
131	Discriminative Feature Selection via A Structured Sparse Subspace Learning Module. , 2020, , .		39
132	Flexible unsupervised feature extraction for image classification. Neural Networks, 2019, 115, 65-71.	3.3	38
133	Decision Tree SVM: An extension of linear SVM for non-linear classification. Neurocomputing, 2020, 401, 153-159.	3.5	38
134	Classification by semi-supervised discriminative regularization. Neurocomputing, 2010, 73, 1641-1651.	3.5	37
135	Robust Capped Norm Nonnegative Matrix Factorization. , 2015, , .		37
136	Learning from less for better. , 2016, , .		36
137	Two-Dimensional Whitening Reconstruction for Enhancing Robustness of Principal Component Analysis. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 2130-2136.	9.7	36
138	Structured Graph Optimization for Unsupervised Feature Selection. IEEE Transactions on Knowledge and Data Engineering, 2019, , 1-1.	4.0	36
139	Fast Multi-View Clustering via Nonnegative and Orthogonal Factorization. IEEE Transactions on Image Processing, 2021, 30, 2575-2586.	6.0	36
140	Interactive Natural Image Segmentation via Spline Regression. IEEE Transactions on Image Processing, 2009, 18, 1623-1632.	6.0	35
141	Multi-Class L2,1-Norm Support Vector Machine. , 2011, , .		35
142	Orthogonal least squares regression for feature extraction. Neurocomputing, 2016, 216, 200-207.	3.5	35
143	Exploiting Combination Effect for Unsupervised Feature Selection by $\ell_{2,0}$ Norm. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 201-214.	7.2	35
144	Unsupervised Feature Selection via Adaptive Multimeasure Fusion. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 2886-2892.	7.2	35

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145	Discriminative and Uncorrelated Feature Selection With Constrained Spectral Analysis in Unsupervised Learning. IEEE Transactions on Image Processing, 2020, 29, 2139-2149.	6.0	35
146	Auto-weighted multi-view clustering via spectral embedding. Neurocomputing, 2020, 399, 369-379.	3.5	35
147	Adaptive Local Linear Discriminant Analysis. ACM Transactions on Knowledge Discovery From Data, 2020, 14, 1-19.	2.5	35
148	2D Feature Selection by Sparse Matrix Regression. IEEE Transactions on Image Processing, 2017, 26, 4255-4268.	6.0	34
149	Fast Spectral Clustering with efficient large graph construction. , 2017, , .		34
150	Robust principal component analysis via optimal mean by joint ℓ_2, ℓ_1 and Schatten p-norms minimization. Neurocomputing, 2018, 283, 205-213.	3.5	34
151	Multiview Semi-Supervised Learning Model for Image Classification. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 2389-2400.	4.0	34
152	Fast Multi-View Semi-Supervised Learning With Learned Graph. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 286-299.	4.0	34
153	Large-scale adaptive semi-supervised learning via unified inductive and transductive model. , 2014, , .		33
154	A linear multivariate binary decision tree classifier based on K-means splitting. Pattern Recognition, 2020, 107, 107521.	5.1	33
155	3D human pose recovery from image by efficient visual feature selection. Computer Vision and Image Understanding, 2011, 115, 290-299.	3.0	32
156	Unsupervised and Semisupervised Projection With Graph Optimization. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 1547-1559.	7.2	32
157	Semi-supervised sub-manifold discriminant analysis. Pattern Recognition Letters, 2008, 29, 1806-1813.	2.6	31
158	Efficient tree classifiers for large scale datasets. Neurocomputing, 2018, 284, 70-79.	3.5	31
159	Local Regression and Global Information-Embedded Dimension Reduction. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 4882-4893.	7.2	31
160	Multi-Modal Joint Clustering With Application for Unsupervised Attribute Discovery. IEEE Transactions on Image Processing, 2018, 27, 4345-4356.	6.0	31
161	Joint Principal Component and Discriminant Analysis for Dimensionality Reduction. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 433-444.	7.2	31
162	Self-Weighted Clustering With Adaptive Neighbors. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 3428-3441.	7.2	30

#	ARTICLE	IF	CITATIONS
163	Multi-View K-Means Clustering With Adaptive Sparse Memberships and Weight Allocation. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 816-827.	4.0	30
164	TurboPixel Segmentation Using Eigen-Images. IEEE Transactions on Image Processing, 2010, 19, 3024-3034.	6.0	29
165	Nonnegative Matrix Tri-factorization Based High-Order Co-clustering and Its Fast Implementation. , 2011, , .		29
166	Unsupervised and semi-supervised learning via ℓ_1/ℓ_2 -norm graph. , 2011, , .		29
167	Structured Doubly Stochastic Matrix for Graph Based Clustering. , 2016, , .		29
168	Spectral clustering based on iterative optimization for large-scale and high-dimensional data. Neurocomputing, 2018, 318, 227-235.	3.5	29
169	Simultaneously Learning Neighborhood and Projection Matrix for Supervised Dimensionality Reduction. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 2779-2793.	7.2	29
170	Dimension Reduction for Non-Gaussian Data by Adaptive Discriminative Analysis. IEEE Transactions on Cybernetics, 2019, 49, 933-946.	6.2	29
171	Multiple Features and Isolation Forest-Based Fast Anomaly Detector for Hyperspectral Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 6664-6676.	2.7	29
172	Efficient correntropy-based multi-view clustering with anchor graph embedding. Neural Networks, 2022, 146, 290-302.	3.3	29
173	Convex Multiview Semi-Supervised Classification. IEEE Transactions on Image Processing, 2017, 26, 5718-5729.	6.0	28
174	Unsupervised Salient Object Detection via Inferring From Imperfect Saliency Models. IEEE Transactions on Multimedia, 2018, 20, 1101-1112.	5.2	28
175	Discrete Spectral Hashing for Efficient Similarity Retrieval. IEEE Transactions on Image Processing, 2019, 28, 1080-1091.	6.0	28
176	Scalable Normalized Cut with Improved Spectral Rotation. , 2017, , .		28
177	Unsupervised maximum margin feature selection via $L_{2,1}$ -norm minimization. Neural Computing and Applications, 2012, 21, 1791-1799.	3.2	27
178	Optimal mean two-dimensional principal component analysis with F-norm minimization. Pattern Recognition, 2017, 68, 286-294.	5.1	27
179	A Self-Balanced Min-Cut Algorithm for Image Clustering. , 2017, , .		27
180	Fuzzy K-Means Clustering With Discriminative Embedding. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 1221-1230.	4.0	27

#	ARTICLE	IF	CITATIONS
181	Subspace Sparse Discriminative Feature Selection. IEEE Transactions on Cybernetics, 2022, 52, 4221-4233.	6.2	26
182	Linear Discriminative Star Coordinates for Exploring Class and Cluster Separation of High Dimensional Data. Computer Graphics Forum, 2017, 36, 401-410.	1.8	25
183	Robust feature selection via simultaneous sapped norm and sparse regularizer minimization. Neurocomputing, 2018, 283, 228-240.	3.5	25
184	Discriminant Analysis via Joint Euler Transform and $\ell_{2,1}$ -Norm. IEEE Transactions on Image Processing, 2018, 27, 5668-5682.	6.0	25
185	Adaptive discriminant analysis for semi-supervised feature selection. Information Sciences, 2021, 566, 178-194.	4.0	25
186	Fuzzy graph clustering. Information Sciences, 2021, 571, 38-49.	4.0	25
187	Semi-Supervised Feature Selection via Insensitive Sparse Regression with Application to Video Semantic Recognition. IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 1943-1956.	4.0	24
188	Dense Multimodal Fusion for Hierarchically Joint Representation. , 2019, , .		24
189	Fast Spectral Embedded Clustering Based on Structured Graph Learning for Large-Scale Hyperspectral Image. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	24
190	A Probabilistic Derivation of LASSO and L12-Norm Feature Selections. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 4586-4593.	3.6	23
191	Semi-Supervised Learning with Auto-Weighting Feature and Adaptive Graph. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 1167-1178.	4.0	23
192	Learning a subspace for clustering via pattern shrinking. Information Processing and Management, 2013, 49, 871-883.	5.4	22
193	Feature selection under regularized orthogonal least square regression with optimal scaling. Neurocomputing, 2018, 273, 547-553.	3.5	22
194	Adaptive graph weighting for multi-view dimensionality reduction. Signal Processing, 2019, 165, 186-196.	2.1	22
195	Fast Semisupervised Learning With Bipartite Graph for Large-Scale Data. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 626-638.	7.2	22
196	Optimal Projection Guided Transfer Hashing for Image Retrieval. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 3788-3802.	5.6	22
197	Enhanced Balanced Min Cut. International Journal of Computer Vision, 2020, 128, 1982-1995.	10.9	22
198	Truncated Robust Principle Component Analysis With A General Optimization Framework. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 1081-1097.	9.7	22

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