Quan Wang

List of Publications by Citations

73 papers	**811** citations
15 h-index	**26** g-index
85 ext. papers	**1,290** ext. citations
6.2 avg, IF	**5.09** L-index

#	Paper	IF	Citations
73	Fast and Orthogonal Locality Preserving Projections for Dimensionality Reduction. *IEEE Transactions on Image Processing*, **2017**, 26, 5019-5030	8.7	92
72	Robust 2DPCA with non-greedy l1 -norm maximization for image analysis. *IEEE Transactions on Cybernetics*, **2015**, 45, 1108-12	10.2	74
71	Fast Spectral Clustering With Anchor Graph for Large Hyperspectral Images. *IEEE Geoscience and Remote Sensing Letters*, **2017**, 14, 2003-2007	4.1	59
70	Multi-view spectral clustering via integrating nonnegative embedding and spectral embedding. *Information Fusion*, **2020**, 55, 251-259	16.7	41
69	Scalable Graph-Based Clustering With Nonnegative Relaxation for Large Hyperspectral Image. *IEEE Transactions on Geoscience and Remote Sensing*, **2019**, 57, 7352-7364	8.1	35
68	Multi-view spectral clustering via sparse graph learning. *Neurocomputing*, **2020**, 384, 1-10	5.4	29
67	Selective Level Set Segmentation Using Fuzzy Region Competition. *IEEE Access*, **2016**, 4, 4777-4788	3.5	27
66	Fast spectral clustering learning with hierarchical bipartite graph for large-scale data. *Pattern Recognition Letters*, **2020**, 130, 345-352	4.7	24
65	Parameter-Free Weighted Multi-View Projected Clustering with Structured Graph Learning. *IEEE Transactions on Knowledge and Data Engineering*, **2020**, 32, 2014-2025	4.2	22
64	Efficient tree classifiers for large scale datasets. *Neurocomputing*, **2018**, 284, 70-79	5.4	21
63	Block Principal Component Analysis With Nongreedy ℓ_{1} -Norm Maximization. *IEEE Transactions on Cybernetics*, **2016**, 46, 2543-2547	10.2	20
62	Submanifold-Preserving Discriminant Analysis With an Auto-Optimized Graph. *IEEE Transactions on Cybernetics*, **2020**, 50, 3682-3695	10.2	20
61	Towards Robust Discriminative Projections Learning via Non-Greedy l-Norm MinMax. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2021**, 43, 2086-2100	13.3	20
60	Feature Learning Viewpoint of Adaboost and a New Algorithm. *IEEE Access*, **2019**, 7, 149890-149899	3.5	18
59	Adaptive Local Linear Discriminant Analysis. *ACM Transactions on Knowledge Discovery From Data*, **2020**, 14, 1-19	4	18
58	Diagonal principal component analysis with non-greedy ℓ_1 -norm maximization for face recognition. *Neurocomputing*, **2016**, 171, 57-62	5.4	15
57	Multiple Features and Isolation Forest-Based Fast Anomaly Detector for Hyperspectral Imagery. *IEEE Transactions on Geoscience and Remote Sensing*, **2020**, 58, 6664-6676	8.1	15

56	Auto-weighted multi-view clustering via spectral embedding. *Neurocomputing*, **2020**, 399, 369-379	5.4	14
55	Multiview Clustering: A Scalable and Parameter-Free Bipartite Graph Fusion Method. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2022**, 44, 330-344	13.3	14
54	Multiview Semi-Supervised Learning Model for Image Classification. *IEEE Transactions on Knowledge and Data Engineering*, **2020**, 32, 2389-2400	4.2	14
53	Robust Locality Preserving Projections With Cosine-Based Dissimilarity for Linear Dimensionality Reduction. *IEEE Access*, **2017**, 5, 2676-2684	3.5	13
52	Discriminative Feature Selection via A Structured Sparse Subspace Learning Module **2020**,		13
51	Low Rank Regularization: A review. *Neural Networks*, **2021**, 136, 218-232	9.1	13
50	Stable and orthogonal local discriminant embedding using trace ratio criterion for dimensionality reduction. *Multimedia Tools and Applications*, **2018**, 77, 3071-3081	2.5	13
49	Fast semi-supervised learning with anchor graph for large hyperspectral images. *Pattern Recognition Letters*, **2020**, 130, 319-326	4.7	12
48	Large Graph Clustering With Simultaneous Spectral Embedding and Discretization. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2021**, 43, 4426-4440	13.3	11
47	Fast Semisupervised Learning With Bipartite Graph for Large-Scale Data. *IEEE Transactions on Neural Networks and Learning Systems*, **2020**, 31, 626-638	10.3	11
46	Local structured feature learning with dynamic maximum entropy graph. *Pattern Recognition*, **2021**, 111, 107673	7.7	11
45	Unsupervised Linear Discriminant Analysis for Jointly Clustering and Subspace Learning. *IEEE Transactions on Knowledge and Data Engineering*, **2019**, 1-1	4.2	9
44	Capped ℓ_p-Norm LDA for Outliers Robust Dimension Reduction. *IEEE Signal Processing Letters*, **2020**, 27, 1315-1319	3.2	9
43	Self-weighted collaborative representation for hyperspectral anomaly detection. *Signal Processing*, **2020**, 177, 107718	4.4	9
42	An improved locality preserving projection with ℓ_1-norm minimization for dimensionality reduction. *Neurocomputing*, **2018**, 316, 322-331	5.4	8
41	Self-Weighted Clustering With Adaptive Neighbors. *IEEE Transactions on Neural Networks and Learning Systems*, **2020**, 31, 3428-3441	10.3	7
40	Unsupervised Feature Selection With Constrained $\ell_{2,0}$-Norm and Optimized Graph. *IEEE Transactions on Neural Networks and Learning Systems*, **2020**, PP,	10.3	6
39	Celiac Disease Detection From Videocapsule Endoscopy Images Using Strip Principal Component Analysis. *IEEE/ACM Transactions on Computational Biology and Bioinformatics*, **2021**, 18, 1396-1404	3	6

38	Multilevel projections with adaptive neighbor graph for unsupervised multi-view feature selection. *Information Fusion*, **2021**, 70, 129-140	16.7	6
37	Subspace Sparse Discriminative Feature Selection. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	5
36	Fast Multi-View Clustering via Nonnegative and Orthogonal Factorization. *IEEE Transactions on Image Processing*, **2021**, 30, 2575-2586	8.7	5
35	Truncated Robust Principle Component Analysis with A General Optimization Framework. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2020**, PP,	13.3	5
34	Fast unsupervised feature selection with anchor graph and $\ell_{2,1}$-norm regularization. *Multimedia Tools and Applications*, **2018**, 77, 22099-22113	2.5	4
33	Attitude Estimation Based on the Spherical Simplex Transformation Modified Unscented Kalman Filter. *Mathematical Problems in Engineering*, **2014**, 2014, 1-9	1.1	4
32	Multi-view embedded clustering with unsupervised trace ratio LDA. *Neurocomputing*, **2018**, 315, 169-176	5.4	3
31	Semisupervised Band Selection With Graph Optimization for Hyperspectral Image Classification. *IEEE Transactions on Geoscience and Remote Sensing*, **2020**, 1-14	8.1	3
30	Fuzzy K-Means Clustering With Discriminative Embedding. *IEEE Transactions on Knowledge and Data Engineering*, **2020**, 1-1	4.2	3
29	Scalable and Flexible Unsupervised Feature Selection. *Neural Computation*, **2019**, 31, 517-537	2.9	3
28	Coordinate Descent Method for k-means. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2021**, PP,	13.3	3
27	Multi-View Clustering Based on Invisible Weights. *IEEE Signal Processing Letters*, **2021**, 28, 1051-1055	3.2	3
26	Multi-View Clustering Via Mixed Embedding Approximation **2020**,		2
25	Unsupervised Discriminative Projection for Feature Selection. *IEEE Transactions on Knowledge and Data Engineering*, **2020**, 1-1	4.2	2
24	Adaptive Flexible Optimal Graph for Unsupervised Dimensionality Reduction. *IEEE Signal Processing Letters*, **2021**, 28, 2162-2166	3.2	2
23	Ratio sum formula for dimensionality reduction. *Multimedia Tools and Applications*, **2021**, 80, 4367-4382	2.5	2
22	Parameter-Free Consensus Embedding Learning for Multiview Graph-Based Clustering. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, PP,	10.3	2
21	Random Collective Representation-Based Detector with Multiple Features for Hyperspectral Images. *Remote Sensing*, **2021**, 13, 721	5	2

20	Multitask Learning for Classification Problem via New Tight Relaxation of Rank Minimization.. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, PP,	10.3	1
19	A forest of trees with principal direction specified oblique split on random subspace. *Neurocomputing*, **2020**, 379, 413-425	5.4	1
18	Fast Fuzzy Clustering Based on Anchor Graph. *IEEE Transactions on Fuzzy Systems*, **2021**, 1-1	8.3	1
17	Fast and Flexible Large Graph Embedding Based on Anchors. *IEEE Journal on Selected Topics in Signal Processing*, **2018**, 12, 1465-1475	7.5	1
16	Multi-view clustering with interactive mechanism. *Neurocomputing*, **2021**, 449, 378-388	5.4	1
15	Joint nonlinear feature selection and continuous values regression network. *Pattern Recognition Letters*, **2021**, 150, 197-206	4.7	1
14	Adaptive Local Embedding Learning for Semi-supervised Dimensionality Reduction. *IEEE Transactions on Knowledge and Data Engineering*, **2021**, 1-1	4.2	1
13	Fast Multi-view Clustering with Spectral Embedding. *IEEE Transactions on Image Processing*, **2022**, 1-1	8.7	1
12	Fast Semi-Supervised Learning With Optimal Bipartite Graph. *IEEE Transactions on Knowledge and Data Engineering*, **2020**, 1-1	4.2	0
11	Iteratively Re-Weighted Algorithm for Fuzzy c-means. *IEEE Transactions on Fuzzy Systems*, **2022**, 1-1	8.3	0
10	Self-weighting multi-view spectral clustering based on nuclear norm. *Pattern Recognition*, **2022**, 124, 108429	7.7	0
9	Double-Attentive Principle Component Analysis. *IEEE Signal Processing Letters*, **2020**, 27, 1814-1818	3.2	0
8	Multi-view clustering based on generalized low rank approximation. *Neurocomputing*, **2020**, 471, 251-259	5.4	0
7	Fast optimization of spectral embedding and improved spectral rotation. *IEEE Transactions on Knowledge and Data Engineering*, **2021**, 1-1	4.2	0
6	Label propagation with structured graph learning for semi-supervised dimension reduction. *Knowledge-Based Systems*, **2021**, 225, 107130	7.3	0
5	An Efficient Density-based clustering algorithm for face groping. *Neurocomputing*, **2021**, 462, 331-343	5.4	0
4	Fast local representation learning via adaptive anchor graph for image retrieval. *Information Sciences*, **2021**, 578, 870-886	7.7	0
3	An Attention-based Framework for Multi-view Clustering on Grassmann Manifold. *Pattern Recognition*, **2022**, 108610	7.7	0

| 2 | Self-Weighted Learning Framework for Adaptive Locality Discriminant Analysis. *Pattern Recognition*, **2022**, 108778 | 7.7 | 0 |

| 1 | Balanced Graph Cut with Exponential Inter-Cluster Compactness. *IEEE Transactions on Artificial Intelligence*, **2021**, 1-1 | 4.7 | |