Feiping Nie

List of Publications by Year in Descending Order

387 papers	12,265 citations	60 h-index	98 g-index
431 ext. papers	15,677 ext. citations	6 avg, IF	7.25 L-index

#	Paper	IF	Citations
387	ECCA: Efficient Correntropy-Based Clustering Algorithm With Orthogonal Concept Factorization.. *IEEE Transactions on Neural Networks and Learning Systems*, **2022**, PP,	10.3	2
386	Adaptive-Order Proximity Learning for Graph-based Clustering. *Pattern Recognition*, **2022**, 108550	7.7	1
385	Iteratively Re-Weighted Algorithm for Fuzzy c-means. *IEEE Transactions on Fuzzy Systems*, **2022**, 1-1	8.3	0
384	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
383	Self-weighting multi-view spectral clustering based on nuclear norm. *Pattern Recognition*, **2022**, 124, 108429	7.7	0
382	Entropy regularization for unsupervised clustering with adaptive neighbors. *Pattern Recognition*, **2022**, 125, 108517	7.7	2
381	Efficient and Robust Multi-view Clustering with Anchor Graph Regularization. *IEEE Transactions on Circuits and Systems for Video Technology*, **2022**, 1-1	6.4	1
380	S3LRR: A Unified Model for Joint Discriminative Subspace Identification and Semi-supervised EEG Emotion Recognition. *IEEE Transactions on Instrumentation and Measurement*, **2022**, 1-1	5.2	1
379	An Attention-based Framework for Multi-view Clustering on Grassmann Manifold. *Pattern Recognition*, **2022**, 108610	7.7	0
378	Improving projected fuzzy K-means clustering via robust learning. *Neurocomputing*, **2022**, 491, 34-43	5.4	3
377	When multi-view classification meets ensemble learning. *Neurocomputing*, **2022**, 490, 17-29	5.4	0
376	Sparse and Flexible Projections for Unsupervised Feature Selection. *IEEE Transactions on Knowledge and Data Engineering*, **2022**, 1-1	4.2	
375	A General Soft-Balanced Clustering Framework Based on a Novel Balance Regularizer. *Signal Processing*, **2022**, 108572	4.4	0
374	Self-Weighted Learning Framework for Adaptive Locality Discriminant Analysis. *Pattern Recognition*, **2022**, 108778	7.7	0
373	OGSSL: A Semi-Supervised Classification Model Coupled With Optimal Graph Learning for EEG Emotion Recognition.. *IEEE Transactions on Neural Systems and Rehabilitation Engineering*, **2022**, 30, 1288-1297	4.8	1
372	Directly solving normalized cut for multi-view data. *Pattern Recognition*, **2022**, 130, 108809	7.7	0
371	Fast Multi-view Clustering with Spectral Embedding. *IEEE Transactions on Image Processing*, **2022**, 1-1	8.7	1

370	Iteratively Re-Weighted method for Sparsity-Inducing Norms. *IEEE Transactions on Knowledge and Data Engineering*, **2022**, 1-1	4.2	
369	Large Graph Clustering With Simultaneous Spectral Embedding and Discretization. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2021**, 43, 4426-4440	13.3	11
368	Efficient correntropy-based multi-view clustering with anchor graph embedding.. *Neural Networks*, **2021**, 146, 290-302	9.1	5
367	An Effective Clustering Optimization Method for Unsupervised Linear Discriminant Analysis. *IEEE Transactions on Knowledge and Data Engineering*, **2021**, 1-1	4.2	
366	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
365	Adaptive Flexible Optimal Graph for Unsupervised Dimensionality Reduction. *IEEE Signal Processing Letters*, **2021**, 28, 2162-2166	3.2	2
364	Implicit Weight Learning for Multi-View Clustering. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, PP,	10.3	1
363	Balanced Graph Cut with Exponential Inter-Cluster Compactness. *IEEE Transactions on Artificial Intelligence*, **2021**, 1-1	4.7	
362	. *IEEE Transactions on Instrumentation and Measurement*, **2021**, 1-1	5.2	2
361	Predicting Cognitive Declines Using Longitudinally Enriched Representations for Imaging Biomarkers. *IEEE Transactions on Medical Imaging*, **2021**, 40, 891-904	11.7	
360	Unsupervised and Semisupervised Projection With Graph Optimization. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, 32, 1547-1559	10.3	6
359	Supervised Feature Selection With Orthogonal Regression and Feature Weighting. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, 32, 1831-1838	10.3	16
358	Multilevel projections with adaptive neighbor graph for unsupervised multi-view feature selection. *Information Fusion*, **2021**, 70, 129-140	16.7	6
357	Graph regularized nonnegative matrix factorization with label discrimination for data clustering. *Neurocomputing*, **2021**, 440, 297-309	5.4	1
356	Adaptive Feature Weight Learning For Robust Clustering Problem with Sparse Constraint **2021**,		1
355	C2DNDA: A Deep Framework for Nonlinear Dimensionality Reduction. *IEEE Transactions on Industrial Electronics*, **2021**, 68, 1684-1694	8.9	4
354	Weighted bilateral K-means algorithm for fast co-clustering and fast spectral clustering. *Pattern Recognition*, **2021**, 109, 107560	7.7	9
353	Ratio sum formula for dimensionality reduction. *Multimedia Tools and Applications*, **2021**, 80, 4367-4382	2.5	2

352	Low Rank Regularization: A review. *Neural Networks*, **2021**, 136, 218-232	9.1	13
351	Local structured feature learning with dynamic maximum entropy graph. *Pattern Recognition*, **2021**, 111, 107673	7.7	11
350	A semi-supervised learning algorithm via adaptive Laplacian graph. *Neurocomputing*, **2021**, 426, 162-173	5.4	4
349	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
348	A Novel Formulation of Trace Ratio Linear Discriminant Analysis. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, PP,	10.3	1
347	Fast Multi-View Clustering via Nonnegative and Orthogonal Factorization. *IEEE Transactions on Image Processing*, **2021**, 30, 2575-2586	8.7	5
346	Coordinate Descent Method for k-means. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2021**, PP,	13.3	3
345	Progressive Self-Supervised Clustering With Novel Category Discovery. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	3
344	Non-Greedy L21-Norm Maximization for Principal Component Analysis. *IEEE Transactions on Image Processing*, **2021**, 30, 5277-5286	8.7	1
343	. *IEEE Transactions on Knowledge and Data Engineering*, **2021**, 1-1	4.2	3
342	Flexible Multi-View Unsupervised Graph Embedding. *IEEE Transactions on Image Processing*, **2021**, 30, 4143-4156	8.7	4
341	. *IEEE Transactions on Multimedia*, **2021**, 1-1	6.6	
340	Parameter-Free Consensus Embedding Learning for Multiview Graph-Based Clustering. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, PP,	10.3	2
339	Robust principal component analysis based on discriminant information.. *IEEE Transactions on Knowledge and Data Engineering*, **2021**, 1-1	4.2	2
338	Multi-View Clustering Based on Invisible Weights. *IEEE Signal Processing Letters*, **2021**, 28, 1051-1055	3.2	3
337	Fast Unsupervised Projection for Large-Scale Data. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, PP,	10.3	1
336	Fast Fuzzy Clustering Based on Anchor Graph. *IEEE Transactions on Fuzzy Systems*, **2021**, 1-1	8.3	1
335	A General Framework for Feature Selection under Orthogonal Regression with Global Redundancy Minimization. *IEEE Transactions on Knowledge and Data Engineering*, **2021**, 1-1	4.2	3

334	Fast optimization of spectral embedding and improved spectral rotation. *IEEE Transactions on Knowledge and Data Engineering*, **2021**, 1-1	4.2	0
333	Semisupervised Feature Selection With Sparse Discriminative Least Squares Regression. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	2
332	Fast Manifold Ranking With Local Bipartite Graph. *IEEE Transactions on Image Processing*, **2021**, 30, 6744-6756	6.7	0
331	Self-weighted Robust LDA for Multiclass Classification with Edge Classes. *ACM Transactions on Intelligent Systems and Technology*, **2021**, 12, 1-19	8	24
330	Multi-view clustering with interactive mechanism. *Neurocomputing*, **2021**, 449, 378-388	5.4	1
329	Adaptive discriminant analysis for semi-supervised feature selection. *Information Sciences*, **2021**, 566, 178-194	7.7	7
328	Matrix completion with column outliers and sparse noise. *Information Sciences*, **2021**, 573, 125-140	7.7	1
327	Fuzzy graph clustering. *Information Sciences*, **2021**, 571, 38-49	7.7	6
326	An Efficient Density-based clustering algorithm for face groping. *Neurocomputing*, **2021**, 462, 331-343	5.4	0
325	Dimension reduction of multimodal data by auto-weighted local discriminant analysis. *Neurocomputing*, **2021**, 461, 27-40	5.4	1
324	Flexible multi-view semi-supervised learning with unified graph. *Neural Networks*, **2021**, 142, 92-104	9.1	0
323	Multi-Directional Multi-Label Learning. *Signal Processing*, **2021**, 187, 108143	4.4	
322	Joint nonlinear feature selection and continuous values regression network. *Pattern Recognition Letters*, **2021**, 150, 197-206	4.7	1
321	Fast local representation learning via adaptive anchor graph for image retrieval. *Information Sciences*, **2021**, 578, 870-886	7.7	0
320	Learning unsupervised node representation from multi-view network. *Information Sciences*, **2021**, 579, 700-716	7.7	6
319	Semi-supervised multi-Layer convolution kernel learning in credit evaluation. *Pattern Recognition*, **2021**, 120, 108125	7.7	6
318	Adaptive Local Embedding Learning for Semi-supervised Dimensionality Reduction. *IEEE Transactions on Knowledge and Data Engineering*, **2021**, 1-1	4.2	1
317	. *IEEE Transactions on Cognitive and Developmental Systems*, **2021**, 1-1	3	10

316	A Survey of GPU Multitasking Methods Supported by Hardware Architecture. *IEEE Transactions on Parallel and Distributed Systems*, **2021**, 1-1	3.7	1
315	Confidence Regularized Label Propagation based Domain Adaptation. *IEEE Transactions on Circuits and Systems for Video Technology*, **2021**, 1-1	6.4	1
314	Unsupervised Optimized Bipartite Graph Embedding. *IEEE Transactions on Knowledge and Data Engineering*, **2021**, 1-1	4.2	
313	Subspace Sparse Discriminative Feature Selection. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	5
312	Multi-View Clustering Via Mixed Embedding Approximation **2020**,		2
311	Fair and cache blocking aware warp scheduling for concurrent kernel execution on GPU. *Future Generation Computer Systems*, **2020**, 112, 1093-1105	7.5	2
310	Unsupervised Large Graph Embedding Based on Balanced and Hierarchical K-means. *IEEE Transactions on Knowledge and Data Engineering*, **2020**, 1-1	4.2	5
309	Revisiting Fast Spectral Clustering with Anchor Graph **2020**,		4
308	Enhanced Balanced Min Cut. *International Journal of Computer Vision*, **2020**, 128, 1982-1995	10.6	7
307	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
306	Unsupervised Discriminative Projection for Feature Selection. *IEEE Transactions on Knowledge and Data Engineering*, **2020**, 1-1	4.2	2
305	Robust and Efficient Linear Discriminant Analysis With L2,1-Norm for Feature Selection. *IEEE Access* , **2020**, 8, 44100-44110	3.5	4
304	Fast Multi-view Semi-supervised Learning with Learned Graph. *IEEE Transactions on Knowledge and Data Engineering*, **2020**, 1-1	4.2	6
303	A linear multivariate binary decision tree classifier based on K-means splitting. *Pattern Recognition*, **2020**, 107, 107521	7.7	14
302	Fast adaptive neighbors clustering via embedded clustering. *Neurocomputing*, **2020**, 399, 331-341	5.4	0
301	Auto-weighted multi-view clustering via spectral embedding. *Neurocomputing*, **2020**, 399, 369-379	5.4	14
300	Auto-weighted multi-view co-clustering via fast matrix factorization. *Pattern Recognition*, **2020**, 102, 107207	7.7	25
299	Self-Weighted Clustering With Adaptive Neighbors. *IEEE Transactions on Neural Networks and Learning Systems*, **2020**, 31, 3428-3441	10.3	7

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298	Fast Semi-Supervised Learning With Optimal Bipartite Graph. *IEEE Transactions on Knowledge and Data Engineering*, **2020**, 1-1	4.2	0
297	Multi-view K-Means Clustering with Adaptive Sparse Memberships and Weight Allocation. *IEEE Transactions on Knowledge and Data Engineering*, **2020**, 1-1	4.2	6
296	Co-Clustering Ensemble Based on Bilateral K-Means Algorithm. *IEEE Access*, **2020**, 8, 51285-51294	3.5	2
295	Fast Spectral Embedded Clustering Based on Structured Graph Learning for Large-Scale Hyperspectral Image. *IEEE Geoscience and Remote Sensing Letters*, **2020**, 1-5	4.1	15
294	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
293	Adaptive Local Linear Discriminant Analysis. *ACM Transactions on Knowledge Discovery From Data*, **2020**, 14, 1-19	4	18
292	Fast Extended Inductive Robust Principal Component Analysis with Optimal Mean. *IEEE Transactions on Knowledge and Data Engineering*, **2020**, 1-1	4.2	1
291	Robust Subspace Clustering with Low-Rank Structure Constraint. *IEEE Transactions on Knowledge and Data Engineering*, **2020**, 1-1	4.2	3
290	Clustering by Unified Principal Component Analysis and Fuzzy C-Means with Sparsity Constraint. *Lecture Notes in Computer Science*, **2020**, 337-351	0.9	
289	Discriminative Feature Selection via A Structured Sparse Subspace Learning Module **2020**,		13
288	Semisupervised Band Selection With Graph Optimization for Hyperspectral Image Classification. *IEEE Transactions on Geoscience and Remote Sensing*, **2020**, 1-14	8.1	3
287	Fuzzy K-Means Clustering With Discriminative Embedding. *IEEE Transactions on Knowledge and Data Engineering*, **2020**, 1-1	4.2	3
286	Fast algorithm for large-scale subspace clustering by LRR. *IET Image Processing*, **2020**, 14, 1475-1480	1.7	3
285	Supervised Dimensionality Reduction Methods via Recursive Regression. *IEEE Transactions on Neural Networks and Learning Systems*, **2020**, 31, 3269-3279	10.3	9
284	Multiclass discriminant analysis via adaptive weighted scheme. *Neurocomputing*, **2020**, 381, 1-9	5.4	4
283	Discriminative and Uncorrelated Feature Selection With Constrained Spectral Analysis in Unsupervised Learning. *IEEE Transactions on Image Processing*, **2020**, 29, 2139-2149	8.7	13
282	A forest of trees with principal direction specified oblique split on random subspace. *Neurocomputing*, **2020**, 379, 413-425	5.4	1
281	Adaptive Robust Low-Rank 2-D Reconstruction With Steerable Sparsity. *IEEE Transactions on Neural Networks and Learning Systems*, **2020**, 31, 3754-3759	10.3	1

280	Decision Tree SVM: An extension of linear SVM for non-linear classification. *Neurocomputing*, **2020**, 401, 153-159	5.4	18
279	On the optimal solution to maximum margin projection pursuit. *Multimedia Tools and Applications*, **2020**, 79, 35441-35461	2.5	
278	Optimal Projection Guided Transfer Hashing for Image Retrieval. *IEEE Transactions on Circuits and Systems for Video Technology*, **2020**, 30, 3788-3802	6.4	7
277	. *IEEE Transactions on Multimedia*, **2020**, 22, 1458-1469	6.6	12
276	Multi-view spectral clustering via sparse graph learning. *Neurocomputing*, **2020**, 384, 1-10	5.4	29
275	Learning Robust Multilabel Sample Specific Distances for Identifying HIV-1 Drug Resistance. *Journal of Computational Biology*, **2020**, 27, 655-672	1.7	1
274	Structured Optimal Graph-Based Clustering With Flexible Embedding. *IEEE Transactions on Neural Networks and Learning Systems*, **2020**, 31, 3801-3813	10.3	2
273	Double-Attentive Principle Component Analysis. *IEEE Signal Processing Letters*, **2020**, 27, 1814-1818	3.2	0
272	Multi-view clustering based on generalized low rank approximation. *Neurocomputing*, **2020**, 471, 251-259	5.4	0
271	Capped $\ell _p$-Norm LDA for Outliers Robust Dimension Reduction. *IEEE Signal Processing Letters*, **2020**, 27, 1315-1319	3.2	9
270	Self-weighted collaborative representation for hyperspectral anomaly detection. *Signal Processing*, **2020**, 177, 107718	4.4	9
269	Predicting Cognitive Declines Using Longitudinally Enriched Representations for Imaging Biomarkers **2020**,		2
268	Spectral Clustering by Joint Spectral Embedding and Spectral Rotation. *IEEE Transactions on Cybernetics*, **2020**, 50, 247-258	10.2	24
267	. *IEEE Transactions on Knowledge and Data Engineering*, **2020**, 32, 165-176	4.2	24
266	Detecting Coherent Groups in Crowd Scenes by Multiview Clustering. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2020**, 42, 46-58	13.3	146
265	Semi-Supervised Learning with Auto-Weighting Feature and Adaptive Graph. *IEEE Transactions on Knowledge and Data Engineering*, **2020**, 32, 1167-1178	4.2	8
264	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
263	Joint Principal Component and Discriminant Analysis for Dimensionality Reduction. *IEEE Transactions on Neural Networks and Learning Systems*, **2020**, 31, 433-444	10.3	10

262	LABIN: Balanced Min Cut for Large-Scale Data. *IEEE Transactions on Neural Networks and Learning Systems*, **2020**, 31, 725-736	10.3	6
261	Multiview Semi-Supervised Learning Model for Image Classification. *IEEE Transactions on Knowledge and Data Engineering*, **2020**, 32, 2389-2400	4.2	14
260	Submanifold-Preserving Discriminant Analysis With an Auto-Optimized Graph. *IEEE Transactions on Cybernetics*, **2020**, 50, 3682-3695	10.2	20
259	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
258	Multi-View Scaling Support Vector Machines for Classification and Feature Selection. *IEEE Transactions on Knowledge and Data Engineering*, **2020**, 32, 1419-1430	4.2	20
257	Fast spectral clustering learning with hierarchical bipartite graph for large-scale data. *Pattern Recognition Letters*, **2020**, 130, 345-352	4.7	24
256	Deep Fuzzy K-Means With Adaptive Loss and Entropy Regularization. *IEEE Transactions on Fuzzy Systems*, **2020**, 28, 2814-2824	8.3	16
255	Multi-view spectral clustering via integrating nonnegative embedding and spectral embedding. *Information Fusion*, **2020**, 55, 251-259	16.7	41
254	. *IEEE Transactions on Multimedia*, **2020**, 22, 885-896	6.6	26
253	A Semisupervised Recurrent Convolutional Attention Model for Human Activity Recognition. *IEEE Transactions on Neural Networks and Learning Systems*, **2020**, 31, 1747-1756	10.3	77
252	Person Reidentification via Multi-Feature Fusion With Adaptive Graph Learning. *IEEE Transactions on Neural Networks and Learning Systems*, **2020**, 31, 1592-1601	10.3	35
251	A General Framework for Dimensionality Reduction of K-Means Clustering. *Journal of Classification*, **2020**, 37, 616-631	1.2	3
250	Adaptive Weighted Sparse Principal Component Analysis for Robust Unsupervised Feature Selection. *IEEE Transactions on Neural Networks and Learning Systems*, **2020**, 31, 2153-2163	10.3	11
249	A Memory-Efficient Hardware Architecture for Connected Component Labeling in Embedded System. *IEEE Transactions on Circuits and Systems for Video Technology*, **2020**, 30, 3238-3252	6.4	6
248	Truncated Robust Principle Component Analysis with A General Optimization Framework. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2020**, PP,	13.3	5
247	A Probabilistic Derivation of LASSO and L12-Norm Feature Selections. *Proceedings of the AAAI Conference on Artificial Intelligence*, **2019**, 33, 4586-4593	5	9
246	Structured Graph Reconstruction for Scalable Clustering. *IEEE Transactions on Knowledge and Data Engineering*, **2019**, 1-1	4.2	2
245	. *IEEE Transactions on Knowledge and Data Engineering*, **2019**, 1-1	4.2	16

244	Unsupervised Linear Discriminant Analysis for Jointly Clustering and Subspace Learning. *IEEE Transactions on Knowledge and Data Engineering*, **2019**, 1-1	4.2	9
243	Nuclear-norm based 2DLDA with application to face recognition. *Neurocomputing*, **2019**, 339, 94-104	5.4	4
242	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
241	Joint Structured Graph Learning and Clustering Based on Concept Factorization **2019**,		2
240	Flexible Non-negative Matrix Factorization with Adaptively Learned Graph Regularization **2019**,		3
239	Dense Multimodal Fusion for Hierarchically Joint Representation **2019**,		5
238	Discrete Multi-Graph Clustering. *IEEE Transactions on Image Processing*, **2019**,	8.7	6
237	Flexible unsupervised feature extraction for image classification. *Neural Networks*, **2019**, 115, 65-71	9.1	19
236	Speed up dynamic time warpingof multivariate time series. *Journal of Intelligent and Fuzzy Systems*, **2019**, 36, 2593-2603	1.6	3
235	Exploiting Combination Effect for Unsupervised Feature Selection by l Norm. *IEEE Transactions on Neural Networks and Learning Systems*, **2019**, 30, 201-214	10.3	11
234	A New Formulation of Linear Discriminant Analysis for Robust Dimensionality Reduction. *IEEE Transactions on Knowledge and Data Engineering*, **2019**, 31, 629-640	4.2	41
233	. *IEEE Transactions on Knowledge and Data Engineering*, **2019**, 31, 1520-1531	4.2	13
232	Efficient Feature Selection via $\ell_{2,0}$-norm Constrained Sparse Regression. *IEEE Transactions on Knowledge and Data Engineering*, **2019**, 31, 880-893	4.2	29
231	Semisupervised Learning With Parameter-Free Similarity of Label and Side Information. *IEEE Transactions on Neural Networks and Learning Systems*, **2019**, 30, 405-414	10.3	11
230	Spectral Embedded Adaptive Neighbors Clustering. *IEEE Transactions on Neural Networks and Learning Systems*, **2019**, 30, 1265-1271	10.3	76
229	Joint Structured Graph Learning and Unsupervised Feature Selection **2019**,		1
228	K-Multiple-Means **2019**,		26
227	Unsupervised Feature Selection Based on Reconstruction Error Minimization **2019**,		5

226	An efficient framework for unsupervised feature selection. *Neurocomputing*, **2019**, 366, 194-207	5.4	9
225	Modified fuzzy clustering with segregated cluster centroids. *Neurocomputing*, **2019**, 361, 10-18	5.4	4
224	Adaptive graph weighting for multi-view dimensionality reduction. *Signal Processing*, **2019**, 165, 186-196	4.4	14
223	Feature Learning Viewpoint of Adaboost and a New Algorithm. *IEEE Access*, **2019**, 7, 149890-149899	3.5	18
222	Worst-Case Discriminative Feature Selection **2019**,		3
221	Large-Scale Spectral Clustering Based on Representative Points. *Mathematical Problems in Engineering*, **2019**, 2019, 1-7	1.1	0
220	Speed Up Similarity Search of Time Series Under Dynamic Time Warping. *IEEE Access*, **2019**, 7, 163644-163653	3.5	4
219	. *IEEE Transactions on Multimedia*, **2019**, 21, 973-985	6.6	47
218	Adaptive-weighting discriminative regression for multi-view classification. *Pattern Recognition*, **2019**, 88, 236-245	7.7	46
217	Accelerating Flexible Manifold Embedding for Scalable Semi-Supervised Learning. *IEEE Transactions on Circuits and Systems for Video Technology*, **2019**, 29, 2786-2795	6.4	6
216	Joint Learning of Fuzzy k-Means and Nonnegative Spectral Clustering With Side Information. *IEEE Transactions on Image Processing*, **2019**, 28, 2152-2162	8.7	25
215	Simultaneously Learning Neighborship and Projection Matrix for Supervised Dimensionality Reduction. *IEEE Transactions on Neural Networks and Learning Systems*, **2019**, 30, 2779-2793	10.3	17
214	Unsupervised Feature Selection via Adaptive Multimeasure Fusion. *IEEE Transactions on Neural Networks and Learning Systems*, **2019**, 30, 2886-2892	10.3	21
213	Scalable and Flexible Unsupervised Feature Selection. *Neural Computation*, **2019**, 31, 517-537	2.9	3
212	Multiview Consensus Graph Clustering. *IEEE Transactions on Image Processing*, **2019**, 28, 1261-1270	8.7	141
211	Discrete Spectral Hashing for Efficient Similarity Retrieval. *IEEE Transactions on Image Processing*, **2019**, 28, 1080-1091	8.7	16
210	A Local and Global Discriminative Framework and Optimization for Balanced Clustering. *IEEE Transactions on Neural Networks and Learning Systems*, **2019**, 30, 3059-3071	10.3	9
209	Feature selection with multi-view data: A survey. *Information Fusion*, **2019**, 50, 158-167	16.7	107

208	Hierarchical Feature Selection for Random Projection. *IEEE Transactions on Neural Networks and Learning Systems*, **2019**, 30, 1581-1586	10.3	59
207	Graph Structure Fusion for Multiview Clustering. *IEEE Transactions on Knowledge and Data Engineering*, **2019**, 31, 1984-1993	4.2	65
206	Generalized Uncorrelated Regression with Adaptive Graph for Unsupervised Feature Selection. *IEEE Transactions on Neural Networks and Learning Systems*, **2019**, 30, 1587-1595	10.3	57
205	Dimension Reduction for Non-Gaussian Data by Adaptive Discriminative Analysis. *IEEE Transactions on Cybernetics*, **2019**, 49, 933-946	10.2	17
204	Large-Scale Robust Semisupervised Classification. *IEEE Transactions on Cybernetics*, **2019**, 49, 907-917	10.2	6
203	Rank- 2-D Multinomial Logistic Regression for Matrix Data Classification. *IEEE Transactions on Neural Networks and Learning Systems*, **2018**, 29, 3524-3537	10.3	7
202	LRAGE: Learning Latent Relationships With Adaptive Graph Embedding for Aerial Scene Classification. *IEEE Transactions on Geoscience and Remote Sensing*, **2018**, 56, 621-634	8.1	6
201	. *IEEE Transactions on Multimedia*, **2018**, 20, 1101-1112	6.6	25
200	Fast unsupervised feature selection with anchor graph and $\ell_{2,1}$-norm regularization. *Multimedia Tools and Applications*, **2018**, 77, 22099-22113	2.5	4
199	Efficient tree classifiers for large scale datasets. *Neurocomputing*, **2018**, 284, 70-79	5.4	21
198	SVM based multi-label learning with missing labels for image annotation. *Pattern Recognition*, **2018**, 78, 307-317	7.7	62
197	Robust Object Co-Segmentation Using Background Prior. *IEEE Transactions on Image Processing*, **2018**, 27, 1639-1651	8.7	129
196	PurTreeClust: A Clustering Algorithm for Customer Segmentation from Massive Customer Transaction Data. *IEEE Transactions on Knowledge and Data Engineering*, **2018**, 30, 559-572	4.2	18
195	Local Regression and Global Information-Embedded Dimension Reduction. *IEEE Transactions on Neural Networks and Learning Systems*, **2018**, 29, 4882-4893	10.3	21
194	Self-Weighted Supervised Discriminative Feature Selection. *IEEE Transactions on Neural Networks and Learning Systems*, **2018**, 29, 3913-3918	10.3	30
193	$\ell_{2,p}$ -Norm Based PCA for Image Recognition. *IEEE Transactions on Image Processing*, **2018**, 27, 1336-1346	8.7	47
192	Self-weighted discriminative feature selection via adaptive redundancy minimization. *Neurocomputing*, **2018**, 275, 2824-2830	5.4	5
191	Robust principal component analysis via optimal mean by joint $\ell_{2,1}$ and Schatten p-norms minimization. *Neurocomputing*, **2018**, 283, 205-213	5.4	19

190	Robust feature selection via simultaneous sapped norm and sparse regularizer minimization. *Neurocomputing*, **2018**, 283, 228-240	5.4	20
189	Multi-Modal Joint Clustering With Application for Unsupervised Attribute Discovery. *IEEE Transactions on Image Processing*, **2018**, 27, 4345-4356	8.7	25
188	Rank-Constrained Spectral Clustering With Flexible Embedding. *IEEE Transactions on Neural Networks and Learning Systems*, **2018**, 29, 6073-6082	10.3	94
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	4.2	9
186	Flexible Manifold Learning With Optimal Graph for Image and Video Representation. *IEEE Transactions on Image Processing*, **2018**, 27, 2664-2675	8.7	35
185	Adaptive Unsupervised Feature Selection With Structure Regularization. *IEEE Transactions on Neural Networks and Learning Systems*, **2018**, 29, 944-956	10.3	126
184	Angle 2DPCA: A New Formulation for 2DPCA. *IEEE Transactions on Cybernetics*, **2018**, 48, 1672-1678	10.2	49
183	Nuclear-norm based semi-supervised multiple labels learning. *Neurocomputing*, **2018**, 275, 940-947	5.4	8
182	Auto-Weighted Multi-View Learning for Image Clustering and Semi-Supervised Classification. *IEEE Transactions on Image Processing*, **2018**, 27, 1501-1511	8.7	168
181	Feature selection under regularized orthogonal least square regression with optimal scaling. *Neurocomputing*, **2018**, 273, 547-553	5.4	16
180	Discriminant Analysis via Joint Euler Transform and $\ell_{2,1}$-norm. *IEEE Transactions on Image Processing*, **2018**,	8.7	16
179	Calibrated Multi-Task Learning **2018**,		8
178	Spectral Clustering of Large-scale Data by Directly Solving Normalized Cut **2018**,		17
177	Multiview Clustering via Adaptively Weighted Procrustes **2018**,		48
176	Adaptive Neighborhood MinMax Projections. *Neurocomputing*, **2018**, 313, 155-166	5.4	6
175	A Multiview Learning Framework With a Linear Computational Cost. *IEEE Transactions on Cybernetics*, **2018**, 48, 2416-2425	10.2	13
174	Matrix completion and vector completion via robust subspace learning. *Neurocomputing*, **2018**, 306, 171-181	5.4	2
173	Multi-view embedded clustering with unsupervised trace ratio LDA. *Neurocomputing*, **2018**, 315, 169-176	5.4	3

172	An improved locality preserving projection with 1-norm minimization for dimensionality reduction. *Neurocomputing*, **2018**, 316, 322-331	5.4	8
171	An investigation for loss functions widely used in machine learning. *Communications in Information and Systems*, **2018**, 18, 37-52	0.8	10
170	A General Framework for Auto-Weighted Feature Selection via Global Redundancy Minimization. *IEEE Transactions on Image Processing*, **2018**,	8.7	35
169	Robust Multiple Rank-k Bilinear Projections for Unsupervised Learning. *IEEE Transactions on Image Processing*, **2018**,	8.7	2
168	Matrix Completion Based on Non-convex Low Rank Approximation. *IEEE Transactions on Image Processing*, **2018**,	8.7	22
167	Corrigendum to Manifold Adaptive Kernelized Low-Rank Representation for Semisupervised Image Classification *Complexity*, **2018**, 2018, 1-1	1.6	
166	Learning Multi-instance Enriched Image Representations via Non-greedy Ratio Maximization of the l1-Norm Distances **2018**,		3
165	Parallel Vector Field Regularized Non-Negative Matrix Factorization for Image Representation **2018**,		3
164	A Generalized Uncorrelated Ridge Regression with Nonnegative Labels for Unsupervised Feature Selection **2018**,		6
163	Unsupervised Feature Selection with Local Structure Learning **2018**,		2
162	Embedding Fuzzy K-Means with Nonnegative Spectral Clustering via Incorporating Side Information **2018**,		4
161	Fast and Flexible Large Graph Embedding Based on Anchors. *IEEE Journal on Selected Topics in Signal Processing*, **2018**, 12, 1465-1475	7.5	1
160	Self-Weighted Adaptive Locality Discriminant Analysis **2018**,		3
159	Spectral clustering based on iterative optimization for large-scale and high-dimensional data. *Neurocomputing*, **2018**, 318, 227-235	5.4	21
158	Euler Label Consistent K-SVD for image classification and action recognition. *Neurocomputing*, **2018**, 310, 277-286	5.4	14
157	Auto-weighted 2-dimensional maximum margin criterion. *Pattern Recognition*, **2018**, 83, 220-229	7.7	2
156	Dynamic Affinity Graph Construction for Spectral Clustering Using Multiple Features. *IEEE Transactions on Neural Networks and Learning Systems*, **2018**, 29, 6323-6332	10.3	85
155	Local Adaptive Projection Framework for Feature Selection of Labeled and Unlabeled Data. *IEEE Transactions on Neural Networks and Learning Systems*, **2018**, 29, 6362-6373	10.3	26

154	Manifold Adaptive Kernelized Low-Rank Representation for Semisupervised Image Classification. *Complexity*, **2018**, 2018, 1-11	1.6	1
153	Avoiding Optimal Mean ℓ-Norm Maximization-Based Robust PCA for Reconstruction. *Neural Computation*, **2017**, 29, 1124-1150	2.9	14
152	Self-weighted spectral clustering with parameter-free constraint. *Neurocomputing*, **2017**, 241, 164-170	5.4	19
151	Re-weighted Discriminatively Embedded K-Means for Multi-view Clustering. *IEEE Transactions on Image Processing*, **2017**, 26, 3016-3027	8.7	78
150	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	8.7	174
149	Multi-modal classification of neurodegenerative disease by progressive graph-based transductive learning. *Medical Image Analysis*, **2017**, 39, 218-230	15.4	33
148	A Weight-Adaptive Laplacian Embedding for Graph-Based Clustering. *Neural Computation*, **2017**, 29, 1902-1918	2.9	11
147	Multiview Feature Analysis via Structured Sparsity and Shared Subspace Discovery. *Neural Computation*, **2017**, 29, 1986-2003	2.9	5
146	2D Feature Selection by Sparse Matrix Regression. *IEEE Transactions on Image Processing*, **2017**, 26, 4255-4268	8.7	22
145	Local PurTree Spectral Clustering for Massive Customer Transaction Data. *IEEE Intelligent Systems*, **2017**, 32, 37-44	4.2	7
144	Multi-View Unsupervised Feature Selection with Adaptive Similarity and View Weight. *IEEE Transactions on Knowledge and Data Engineering*, **2017**, 29, 1998-2011	4.2	72
143	Unsupervised 2D Dimensionality Reduction with Adaptive Structure Learning. *Neural Computation*, **2017**, 29, 1352-1374	2.9	12
142	Optimal mean two-dimensional principal component analysis with F-norm minimization. *Pattern Recognition*, **2017**, 68, 286-294	7.7	17
141	Refined Spectral Clustering via Embedded Label Propagation. *Neural Computation*, **2017**, 29, 3381-3396	2.9	8
140	Convex Multiview Semi-Supervised Classification. *IEEE Transactions on Image Processing*, **2017**, 26, 5718-5729	8.7	24
139	Fast Spectral Clustering with efficient large graph construction **2017**,		15
138	Beyond Trace Ratio: Weighted Harmonic Mean of Trace Ratios for Multiclass Discriminant Analysis. *IEEE Transactions on Knowledge and Data Engineering*, **2017**, 29, 2100-2110	4.2	114
137	Linear Discriminative Star Coordinates for Exploring Class and Cluster Separation of High Dimensional Data. *Computer Graphics Forum*, **2017**, 36, 401-410	2.4	19

136	Semi-supervised learning on large-scale geotagged photos for situation recognition. *Journal of Visual Communication and Image Representation*, **2017**, 48, 310-316	2.7	5
135	Semi-supervised classification via both label and side information **2017**,		2
134	Fast Spectral Clustering With Anchor Graph for Large Hyperspectral Images. *IEEE Geoscience and Remote Sensing Letters*, **2017**, 14, 2003-2007	4.1	59
133	Scalable Multi-View Semi-Supervised Classification via Adaptive Regression. *IEEE Transactions on Image Processing*, **2017**, 26, 4283-4296	8.7	42
132	Fast and Orthogonal Locality Preserving Projections for Dimensionality Reduction. *IEEE Transactions on Image Processing*, **2017**, 26, 5019-5030	8.7	92
131	Unsupervised Single and Multiple Views Feature Extraction with Structured Graph. *IEEE Transactions on Knowledge and Data Engineering*, **2017**, 29, 2347-2359	4.2	40
130	Embedded clustering via robust orthogonal least square discriminant analysis **2017**,		5
129	Largest center-specific margin for dimension reduction **2017**,		1
128	A generalized power iteration method for solving quadratic problem on the Stiefel manifold. *Science China Information Sciences*, **2017**, 60, 1	3.4	60
127	Auto-weighted two-dimensional principal component analysis with robust outliers **2017**,		5
126	A Non-Greedy Algorithm for L1-Norm LDA. *IEEE Transactions on Image Processing*, **2017**, 26, 684-695	8.7	70
125	Regularized Class-Specific Subspace Classifier. *IEEE Transactions on Neural Networks and Learning Systems*, **2017**, 28, 2738-2747	10.3	7
124	A graph regularized dimension reduction method for out-of-sample data. *Neurocomputing*, **2017**, 225, 58-63	5.4	11
123	Deep Binary Reconstruction for Cross-modal Hashing **2017**,		10
122	Ranking with adaptive neighbors. *Tsinghua Science and Technology*, **2017**, 22, 733-738	3.4	
121	A Self-Balanced Min-Cut Algorithm for Image Clustering **2017**,		14
120	Scalable Normalized Cut with Improved Spectral Rotation **2017**,		15
119	Semi-supervised Feature Selection via Rescaled Linear Regression **2017**,		38

118	Locality Adaptive Discriminant Analysis **2017**,		61
117	Adaptive Semi-Supervised Learning with Discriminative Least Squares Regression **2017**,		10
116	Joint Capped Norms Minimization for Robust Matrix Recovery **2017**,		11
115	Self-weighted Multiview Clustering with Multiple Graphs **2017**,		135
114	Convolutional 2D LDA for Nonlinear Dimensionality Reduction **2017**,		10
113	Linear Manifold Regularization with Adaptive Graph for Semi-supervised Dimensionality Reduction **2017**,		8
112	Semi-supervised Orthogonal Graph Embedding with Recursive Projections **2017**,		2
111	Optimized Graph Learning Using Partial Tags and Multiple Features for Image and Video Annotation. *IEEE Transactions on Image Processing*, **2016**, 25, 4999-5011	8.7	98
110	Convex Sparse PCA for Unsupervised Feature Learning. *ACM Transactions on Knowledge Discovery From Data*, **2016**, 11, 1-16	4	56
109	. *IEEE Transactions on Multimedia*, **2016**, 18, 2494-2502	6.6	110
108	Capped Lp-Norm Graph Embedding for Photo Clustering **2016**,		10
107	A graph based multimodal geospatial interpolation framework **2016**,		6
106	Robust and Effective Metric Learning Using Capped Trace Norm **2016**,		5
105	Structured Doubly Stochastic Matrix for Graph Based Clustering **2016**,		13
104	Unsupervised automatic attribute discovery method via multi-graph clustering **2016**,		9
103	Effective Discriminative Feature Selection With Nontrivial Solution. *IEEE Transactions on Neural Networks and Learning Systems*, **2016**, 27, 796-808	10.3	96
102	Compound Rank- k Projections for Bilinear Analysis. *IEEE Transactions on Neural Networks and Learning Systems*, **2016**, 27, 1502-13	10.3	137
101	Two-Dimensional Whitening Reconstruction for Enhancing Robustness of Principal Component Analysis. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2016**, 38, 2130-6	13.3	30

100	Uncovering Locally Discriminative Structure for Feature Analysis. *Lecture Notes in Computer Science*, **2016**, 281-295	0.9	6
99	Semi-Supervised Multi-label Dimensionality Reduction **2016**,		15
98	Joint Graph Learning and Video Segmentation via Multiple Cues and Topology Calibration **2016**,		14
97	Learning from less for better **2016**,		24
96	Discriminatively Embedded K-Means for Multi-view Clustering **2016**,		55
95	A Harmonic Mean Linear Discriminant Analysis for Robust Image Classification **2016**,		4
94	Object Co-segmentation via Graph Optimized-Flexible Manifold Ranking **2016**,		42
93	Guest editors' introduction: Perception, Aesthetics, and Emotion in Multimedia Quality Modeling. *IEEE MultiMedia*, **2016**, 23, 20-22	2.1	1
92	On the schatten norm for matrix based subspace learning and classification. *Neurocomputing*, **2016**, 216, 192-199	5.4	15
91	Orthogonal least squares regression for feature extraction. *Neurocomputing*, **2016**, 216, 200-207	5.4	24
90	Multi-Class Active Learning by Uncertainty Sampling with Diversity Maximization. *International Journal of Computer Vision*, **2015**, 113, 113-127	10.6	192
89	Robust 2DPCA with non-greedy l1 -norm maximization for image analysis. *IEEE Transactions on Cybernetics*, **2015**, 45, 1108-12	10.2	74
88	Joint Schatten (p)-norm and (ell _p)-norm robust matrix completion for missing value recovery. *Knowledge and Information Systems*, **2015**, 42, 525-544	2.4	81
87	Discriminative embedded clustering: a framework for grouping high-dimensional data. *IEEE Transactions on Neural Networks and Learning Systems*, **2015**, 26, 1287-99	10.3	56
86	Multitask spectral clustering by exploring intertask correlation. *IEEE Transactions on Cybernetics*, **2015**, 45, 1069-80	10.2	130
85	Optimal graph learning with partial tags and multiple features for image and video annotation **2015**,		46
84	Multi-view Subspace Clustering **2015**,		179
83	Feature Selection via Global Redundancy Minimization. *IEEE Transactions on Knowledge and Data Engineering*, **2015**, 27, 2743-2755	4.2	90

82	Robust Capped Norm Nonnegative Matrix Factorization **2015**,		24
81	Unsupervised Feature Analysis with Class Margin Optimization. *Lecture Notes in Computer Science*, **2015**, 383-398	0.9	10
80	Flexible Shift-Invariant Locality and Globality Preserving Projections. *Lecture Notes in Computer Science*, **2014**, 485-500	0.9	7
79	Clustering and projected clustering with adaptive neighbors **2014**,		295
78	Harnessing Lab Knowledge for Real-World Action Recognition. *International Journal of Computer Vision*, **2014**, 109, 60-73	10.6	55
77	Robust Manifold Nonnegative Matrix Factorization. *ACM Transactions on Knowledge Discovery From Data*, **2014**, 8, 1-21	4	149
76	Large-scale adaptive semi-supervised learning via unified inductive and transductive model **2014**,		22
75	Joint embedding learning and sparse regression: a framework for unsupervised feature selection. *IEEE Transactions on Cybernetics*, **2014**, 44, 793-804	10.2	374
74	Multiple rank multi-linear SVM for matrix data classification. *Pattern Recognition*, **2014**, 47, 454-469	7.7	53
73	A generative probability model of joint label fusion for multi-atlas based brain segmentation. *Medical Image Analysis*, **2014**, 18, 881-90	15.4	93
72	Learning high-dimensional correspondence via manifold learning and local approximation. *Neural Computing and Applications*, **2014**, 24, 1555-1568	4.8	4
71	Unsupervised Feature Selection via Unified Trace Ratio Formulation and K-means Clustering (TRACK). *Lecture Notes in Computer Science*, **2014**, 306-321	0.9	49
70	On the equivalent of low-rank linear regressions and linear discriminant analysis based regressions **2013**,		70
69	Efficient semi-supervised feature selection with noise insensitive trace ratio criterion. *Neurocomputing*, **2013**, 105, 12-18	5.4	63
68	Learning a subspace for clustering via pattern shrinking. *Information Processing and Management*, **2013**, 49, 871-883	6.3	11
67	Predicting protein-protein interactions from multimodal biological data sources via nonnegative matrix tri-factorization. *Journal of Computational Biology*, **2013**, 20, 344-58	1.7	45
66	Efficient image classification via multiple rank regression. *IEEE Transactions on Image Processing*, **2013**, 22, 340-52	8.7	39
65	Heterogeneous Image Features Integration via Multi-modal Semi-supervised Learning Model **2013**,		55

64	Heterogeneous Visual Features Fusion via Sparse Multimodal Machine **2013**,		55
63	A new sparse simplex model for brain anatomical and genetic network analysis. *Lecture Notes in Computer Science*, **2013**, 16, 625-32	0.9	11
62	Minimizing joint risk of mislabeling for iterative Patch-based label fusion. *Lecture Notes in Computer Science*, **2013**, 16, 551-8	0.9	3
61	A Flexible and Effective Linearization Method for Subspace Learning **2013**, 177-203		2
60	Orthogonal vs. uncorrelated least squares discriminant analysis for feature extraction. *Pattern Recognition Letters*, **2012**, 33, 485-491	4.7	40
59	Initialization independent clustering with actively self-training method. *IEEE Transactions on Systems, Man, and Cybernetics*, **2012**, 42, 17-27		44
58	Web and personal image annotation by mining label correlation with relaxed visual graph embedding. *IEEE Transactions on Image Processing*, **2012**, 21, 1339-51	8.7	94
57	Semi-supervised dimension reduction using trace ratio criterion. *IEEE Transactions on Neural Networks and Learning Systems*, **2012**, 23, 519-26	10.3	76
56	A multimedia retrieval framework based on semi-supervised ranking and relevance feedback. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2012**, 34, 723-42	13.3	355
55	Identifying quantitative trait loci via group-sparse multitask regression and feature selection: an imaging genetics study of the ADNI cohort. *Bioinformatics*, **2012**, 28, 229-37	7.2	114
54	Unsupervised maximum margin feature selection via L 2,1-norm minimization. *Neural Computing and Applications*, **2012**, 21, 1791-1799	4.8	25
53	Robust Matrix Completion via Joint Schatten p-Norm and lp-Norm Minimization **2012**,		49
52	Patch Distribution Compatible Semisupervised Dimension Reduction for Face and Human Gait Recognition. *IEEE Transactions on Circuits and Systems for Video Technology*, **2012**, 22, 479-488	6.4	18
51	. *IEEE Transactions on Multimedia*, **2012**, 14, 1662-1672	6.6	103
50	. *IEEE Transactions on Multimedia*, **2012**, 14, 1021-1030	6.6	152
49	Robust and discriminative distance for Multi-Instance Learning **2012**,		1
48	Discriminative least squares regression for multiclass classification and feature selection. *IEEE Transactions on Neural Networks and Learning Systems*, **2012**, 23, 1738-54	10.3	256
47	Semisupervised learning using negative labels. *IEEE Transactions on Neural Networks*, **2011**, 22, 420-32		17

46	. *IEEE Transactions on Multimedia*, **2011**, 13, 342-352	6.6	12
45	Sparse Multi-Task Regression and Feature Selection to Identify Brain Imaging Predictors for Memory Performance. *Proceedings of the IEEE International Conference on Computer Vision*, **2011**, 557-562	3.3	56
44	Heterogeneous image feature integration via multi-modal spectral clustering **2011**,		117
43	Spectral embedded clustering: a framework for in-sample and out-of-sample spectral clustering. *IEEE Transactions on Neural Networks*, **2011**, 22, 1796-808		174
42	Semisupervised dimensionality reduction and classification through virtual label regression. *IEEE Transactions on Systems, Man, and Cybernetics*, **2011**, 41, 675-85		78
41	Learning a 3D Human Pose Distance Metric from Geometric Pose Descriptor. *IEEE Transactions on Visualization and Computer Graphics*, **2011**, 17, 1676-89	4	55
40	Nonnegative Matrix Tri-factorization Based High-Order Co-clustering and Its Fast Implementation **2011**,		19
39	Multi-Class L2,1-Norm Support Vector Machine **2011**,		22
38	3D human pose recovery from image by efficient visual feature selection. *Computer Vision and Image Understanding*, **2011**, 115, 290-299	4.3	30
37	Unsupervised and semi-supervised learning via ℓ1-norm graph **2011**,		20
36	Dyadic transfer learning for cross-domain image classification **2011**,		32
35	Consensus spectral clustering in near-linear time **2011**,		13
34	Identifying AD-sensitive and cognition-relevant imaging biomarkers via joint classification and regression. *Lecture Notes in Computer Science*, **2011**, 14, 115-23	0.9	47
33	Regularized Trace Ratio Discriminant Analysis with Patch Distribution Feature for human gait recognition **2010**,		7
32	Image clustering using local discriminant models and global integration. *IEEE Transactions on Image Processing*, **2010**, 19, 2761-73	8.7	218
31	Improved MinMax Cut Graph Clustering with Nonnegative Relaxation. *Lecture Notes in Computer Science*, **2010**, 451-466	0.9	33
30	Semi-supervised classification via local spline regression. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2010**, 32, 2039-53	13.3	89
29	Flexible manifold embedding: a framework for semi-supervised and unsupervised dimension reduction. *IEEE Transactions on Image Processing*, **2010**, 19, 1921-32	8.7	354

28	TurboPixel segmentation using eigen-images. *IEEE Transactions on Image Processing*, **2010**, 19, 3024-34	8.7	23
27	Semi-supervised feature selection based on label propagation and subset selection **2010**,		17
26	A general graph-based semi-supervised learning with novel class discovery. *Neural Computing and Applications*, **2010**, 19, 549-555	4.8	95
25	On the eigenvectors of p-Laplacian. *Machine Learning*, **2010**, 81, 37-51	4	27
24	A general kernelization framework for learning algorithms based on kernel PCA. *Neurocomputing*, **2010**, 73, 959-967	5.4	77
23	Classification by semi-supervised discriminative regularization. *Neurocomputing*, **2010**, 73, 1641-1651	5.4	34
22	Multiple view semi-supervised dimensionality reduction. *Pattern Recognition*, **2010**, 43, 720-730	7.7	84
21	Learning an Orthogonal and Smooth Subspace for Image Classification. *IEEE Signal Processing Letters*, **2009**, 16, 303-306	3.2	12
20	Probabilistic Labeled Semi-supervised SVM **2009**,		5
19	Nonlinear Dimensionality Reduction with Local Spline Embedding. *IEEE Transactions on Knowledge and Data Engineering*, **2009**, 21, 1285-1298	4.2	91
18	Orthogonal locality minimizing globality maximizing projections for feature extraction. *Optical Engineering*, **2009**, 48, 017202	1.1	43
17	Nonlinear dimensionality reduction with relative distance comparison. *Neurocomputing*, **2009**, 72, 1719-1731	5.4	8
16	Embedding new data points for manifold learning via coordinate propagation. *Knowledge and Information Systems*, **2009**, 19, 159-184	2.4	37
15	Extracting the optimal dimensionality for local tensor discriminant analysis. *Pattern Recognition*, **2009**, 42, 105-114	7.7	66
14	Soft Constraint Harmonic Energy Minimization for Transductive Learning and its Two Interpretations. *Neural Processing Letters*, **2009**, 30, 89-102	2.4	2
13	Semi-supervised orthogonal discriminant analysis via label propagation. *Pattern Recognition*, **2009**, 42, 2615-2627	7.7	118
12	Ranking with local regression and global alignment for cross media retrieval **2009**,		129
11	Trace ratio problem revisited. *IEEE Transactions on Neural Networks*, **2009**, 20, 729-35		200

List of Publications

10	Interactive natural image segmentation via spline regression. *IEEE Transactions on Image Processing* , **2009**, 18, 1623-32	8.7	30
9	Contour graph based human tracking and action sequence recognition. *Pattern Recognition*, **2008**, 41, 3653-3664	7.7	12
8	Learning a Mahalanobis distance metric for data clustering and classification. *Pattern Recognition*, **2008**, 41, 3600-3612	7.7	362
7	A unified framework for semi-supervised dimensionality reduction. *Pattern Recognition*, **2008**, 41, 2789-2799	7.7	147
6	Semi-supervised sub-manifold discriminant analysis. *Pattern Recognition Letters*, **2008**, 29, 1806-1813	4.7	25
5	Semi-supervised additive logistic regression: A gradient descent solution. *Tsinghua Science and Technology*, **2007**, 12, 638-646	3.4	2
4	Extracting the Optimal Dimensionality for Discriminant Analysis **2007**,		1
3	Beyond Trace Ratio: Weighted Harmonic Mean of Trace Ratios for Multiclass Discriminant Analysis		1
2	Joint Adaptive Graph Learning and Discriminative Analysis for Unsupervised Feature Selection. *Cognitive Computation*,1	4.4	0
1	Graph optimization for unsupervised dimensionality reduction with probabilistic neighbors. *Applied Intelligence*,1	4.9	