

Junbin Gao

List of Publications by Year in descending order

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288
papers

5,141
citations

117625

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294
docs citations

294
times ranked

4157
citing authors

#	ARTICLE	IF	CITATIONS
1	Laplacian Regularized Low-Rank Representation and Its Applications. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 504-517.	13.9	339
2	Multiview Spectral Clustering via Structured Low-Rank Matrix Factorization. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 4833-4843.	11.3	263
3	Optimized Graph Convolution Recurrent Neural Network for Traffic Prediction. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 1138-1149.	8.0	174
4	Deep Attention-Based Spatially Recursive Networks for Fine-Grained Visual Recognition. IEEE Transactions on Cybernetics, 2019, 49, 1791-1802.	9.5	151
5	Where-and-When to Look: Deep Siamese Attention Networks for Video-Based Person Re-Identification. IEEE Transactions on Multimedia, 2019, 21, 1412-1424.	7.2	150
6	Deep adaptive feature embedding with local sample distributions for person re-identification. Pattern Recognition, 2018, 73, 275-288.	8.1	135
7	Sparse kernel learning with LASSO and Bayesian inference algorithm. Neural Networks, 2010, 23, 257-264.	5.9	127
8	Multiview Subspace Clustering via Tensorial t-Product Representation. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 851-864.	11.3	126
9	Dual Graph Regularized Latent Low-Rank Representation for Subspace Clustering. IEEE Transactions on Image Processing, 2015, 24, 4918-4933.	9.8	110
10	What-and-where to match: Deep spatially multiplicative integration networks for person re-identification. Pattern Recognition, 2018, 76, 727-738.	8.1	100
11	Neighborhood linear discriminant analysis. Pattern Recognition, 2022, 123, 108422.	8.1	100
12	Simulated maximum likelihood method for estimating kinetic rates in gene expression. Bioinformatics, 2007, 23, 84-91.	4.1	94
13	Deep Learning Models for Retinal Blood Vessels Segmentation: A Review. IEEE Access, 2019, 7, 71696-71717.	4.2	92
14	Impact of ICA-Based Image Enhancement Technique on Retinal Blood Vessels Segmentation. IEEE Access, 2018, 6, 3524-3538.	4.2	86
15	Linear time Principal Component Pursuit and its extensions using $\hat{\alpha}_1$ filtering. Neurocomputing, 2014, 142, 529-541.	5.9	82
16	Strided fully convolutional neural network for boosting the sensitivity of retinal blood vessels segmentation. Expert Systems With Applications, 2019, 134, 36-52.	7.6	81
17	Subspace Clustering via Learning an Adaptive Low-Rank Graph. IEEE Transactions on Image Processing, 2018, 27, 3716-3728.	9.8	80
18	Robust L1 Principal Component Analysis and Its Bayesian Variational Inference. Neural Computation, 2008, 20, 555-572.	2.2	79

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19	Dynamic Graph Convolution Network for Traffic Forecasting Based on Latent Network of Laplace Matrix Estimation. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 1009-1018.	8.0	69
20	Subspace Clustering for Sequential Data. , 2014, , .		68
21	Multi-loss Regularized Deep Neural Network. IEEE Transactions on Circuits and Systems for Video Technology, 2016, 26, 2273-2283.	8.3	68
22	Kernel Sparse Subspace Clustering on Symmetric Positive Definite Manifolds. , 2016, , .		66
23	Robust latent low rank representation for subspace clustering. Neurocomputing, 2014, 145, 369-373.	5.9	55
24	Image Segmentation for MR Brain Tumor Detection Using Machine Learning: A Review. IEEE Reviews in Biomedical Engineering, 2023, 16, 70-90.	18.0	53
25	Heterogeneous Tensor Decomposition for Clustering via Manifold Optimization. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 476-489.	13.9	52
26	Image Outlier Detection and Feature Extraction via L1-Norm-Based 2D Probabilistic PCA. IEEE Transactions on Image Processing, 2015, 24, 4834-4846.	9.8	50
27	Tensor LRR and Sparse Coding-Based Subspace Clustering. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 2120-2133.	11.3	50
28	Artificial intelligence (AI) for medical imaging to combat coronavirus disease (COVID-19): a detailed review with direction for future research. Artificial Intelligence Review, 2022, 55, 1409-1439.	15.7	47
29	Computerised approaches for the detection of diabetic retinopathy using retinal fundus images: a survey. Pattern Analysis and Applications, 2017, 20, 927-961.	4.6	46
30	Deep Coattention-Based Comparator for Relative Representation Learning in Person Re-Identification. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 722-735.	11.3	44
31	Multi-Dimensional Sparse Models. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2018, 40, 163-178.	13.9	43
32	Correlated Spatio-Temporal Data Collection in Wireless Sensor Networks Based on Low Rank Matrix Approximation and Optimized Node Sampling. Sensors, 2014, 14, 23137-23158.	3.8	41
33	Extended nearest neighbor chain induced instance-weights for SVMs. Pattern Recognition, 2016, 60, 863-874.	8.1	41
34	Strided U-Net Model: Retinal Vessels Segmentation using Dice Loss. , 2018, , .		41
35	A new algorithm for removing node overlapping in graph visualization. Information Sciences, 2007, 177, 2821-2844.	6.9	37
36	LRSR: Low-Rank-Sparse representation for subspace clustering. Neurocomputing, 2016, 214, 1026-1037.	5.9	37

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37	Contrast normalization steps for increased sensitivity of a retinal image segmentation method. Signal, Image and Video Processing, 2017, 11, 1509-1517.	2.7	37
38	Boosting Sensitivity of a Retinal Vessel Segmentation Algorithm with Convolutional Neural Network. , 2017, , .		34
39	Laplacian LRR on Product Grassmann Manifolds for Human Activity Clustering in Multicamera Video Surveillance. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 554-566.	8.3	33
40	A novel approach in discovering significant interactions from TCM patient prescription data. International Journal of Data Mining and Bioinformatics, 2011, 5, 353.	0.1	32
41	Progressive Hard-Mining Network for Monocular Depth Estimation. IEEE Transactions on Image Processing, 2018, 27, 3691-3702.	9.8	31
42	Supervised Latent Linear Gaussian Process Latent Variable Model for Dimensionality Reduction. IEEE Transactions on Systems, Man, and Cybernetics, 2012, 42, 1620-1632.	5.0	30
43	Dimensionality reduction via compressive sensing. Pattern Recognition Letters, 2012, 33, 1163-1170.	4.2	29
44	Complex-Valued B-Spline Neural Networks for Modeling and Inverting Hammerstein Systems. IEEE Transactions on Neural Networks and Learning Systems, 2014, 25, 1673-1685.	11.3	29
45	Learning graph structure for multi-label image classification via clique generation. , 2015, , .		28
46	Robust Multinomial Logistic Regression Based on RPCA. IEEE Journal on Selected Topics in Signal Processing, 2018, 12, 1144-1154.	10.8	27
47	Role of Image Contrast Enhancement Technique for Ophthalmologist as Diagnostic Tool for Diabetic Retinopathy. , 2016, , .		26
48	Ordered Subspace Clustering With Block-Diagonal Priors. IEEE Transactions on Cybernetics, 2016, 46, 3209-3219.	9.5	26
49	Generative Adversarial Network (GAN) Based Data Augmentation for Palmprint Recognition. , 2018, , .		25
50	Boosting sensitivity of a retinal vessel segmentation algorithm. Pattern Analysis and Applications, 2019, 22, 583-599.	4.6	25
51	Short-Term Lesion Change Detection for Melanoma Screening With Novel Siamese Neural Network. IEEE Transactions on Medical Imaging, 2021, 40, 840-851.	8.9	25
52	Automatic Retinal Vessel Extraction Algorithm. , 2016, , .		24
53	Solving Partial Least Squares Regression via Manifold Optimization Approaches. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 588-600.	11.3	24
54	Learning Adaptive Neighborhood Graph on Grassmann Manifolds for Video/Image-Set Subspace Clustering. IEEE Transactions on Multimedia, 2021, 23, 216-227.	7.2	24

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55	Relations Among Some Low-Rank Subspace Recovery Models. <i>Neural Computation</i> , 2015, 27, 1915-1950.	2.2	23
56	Automatic retinal vessel extraction algorithm based on contrast-sensitive schemes. , 2016, , .		23
57	Finding the samples near the decision plane for support vector learning. <i>Information Sciences</i> , 2017, 382-383, 292-307.	6.9	23
58	A Framework of Mixed Sparse Representations for Remote Sensing Images. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2017, 55, 1210-1221.	6.3	23
59	Log-Euclidean Metrics for Contrast Preserving Decolorization. <i>IEEE Transactions on Image Processing</i> , 2017, 26, 5772-5783.	9.8	23
60	Robust face recognition via double low-rank matrix recovery for feature extraction. , 2013, , .		22
61	Scalable Proximal Jacobian Iteration Method With Global Convergence Analysis for Nonconvex Unconstrained Composite Optimizations. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019, 30, 2825-2839.	11.3	22
62	UP-CNN: Un-pooling augmented convolutional neural network. <i>Pattern Recognition Letters</i> , 2019, 119, 34-40.	4.2	21
63	Twin Kernel Embedding. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2008, 30, 1490-1495.	13.9	20
64	Discriminative Analysis for Symmetric Positive Definite Matrices on Lie Groups. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2015, 25, 1576-1585.	8.3	20
65	Zero Attracting Recursive Least Squares Algorithms. <i>IEEE Transactions on Vehicular Technology</i> , 2016, , 1-1.	6.3	20
66	Low-Rank-Sparse Subspace Representation for Robust Regression. , 2017, , .		19
67	Significant vector learning to construct sparse kernel regression models. <i>Neural Networks</i> , 2007, 20, 791-798.	5.9	18
68	An Ordered-Patch-Based Image Classification Approach on the Image Grassmannian Manifold. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2014, 25, 728-737.	11.3	18
69	On Selecting Effective Patterns for Fast Support Vector Regression Training. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018, 29, 3610-3622.	11.3	18
70	TPSLVM: A Dimensionality Reduction Algorithm Based On Thin Plate Splines. <i>IEEE Transactions on Cybernetics</i> , 2014, 44, 1795-1807.	9.5	17
71	Supervised Gaussian Process Latent Variable Model for Hyperspectral Image Classification. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2017, 14, 1760-1764.	3.1	17
72	Nonlinear Identification Using Orthogonal Forward Regression With Nested Optimal Regularization. <i>IEEE Transactions on Cybernetics</i> , 2015, 45, 2925-2936.	9.5	16

#	ARTICLE	IF	CITATIONS
73	Laplacian Regularized Spatial-Aware Collaborative Graph for Discriminant Analysis of Hyperspectral Imagery. Remote Sensing, 2019, 11, 29.	4.0	16
74	Kernel Laplacian Eigenmaps for Visualization of Non-vectorial Data. Lecture Notes in Computer Science, 2006, , 1179-1183.	1.3	16
75	Locality Preserving Projections for Grassmann manifold. , 2017, , .		16
76	A survey of the application of graph-based approaches in stock market analysis and prediction. International Journal of Data Science and Analytics, 2022, 14, 1-15.	4.1	16
77	Sparse Density Estimation on the Multinomial Manifold. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 2972-2977.	11.3	15
78	Fuzzy logic based filtering for image de-noising. , 2016, , .		15
79	Low-rank structure preserving for unsupervised feature selection. Neurocomputing, 2018, 314, 360-370.	5.9	15
80	Nonlinear Subspace Clustering via Adaptive Graph Regularized Autoencoder. IEEE Access, 2019, 7, 74122-74133.	4.2	15
81	Rank Consistency Induced Multiview Subspace Clustering via Low-Rank Matrix Factorization. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 3157-3170.	11.3	15
82	CaEGCN: Cross-Attention Fusion Based Enhanced Graph Convolutional Network for Clustering. IEEE Transactions on Knowledge and Data Engineering, 2023, 35, 3471-3483.	5.7	15
83	Robust multivariate L1 principal component analysis and dimensionality reduction. Neurocomputing, 2009, 72, 1242-1249.	5.9	14
84	Blind image deblurring via coupled sparse representation. Journal of Visual Communication and Image Representation, 2014, 25, 814-821.	2.8	14
85	Modulus Methods for Nonnegatively Constrained Image Restoration. SIAM Journal on Imaging Sciences, 2016, 9, 1226-1246.	2.2	14
86	Branched convolutional neural networks incorporated with Jacobian deep regression for facial landmark detection. Neural Networks, 2019, 118, 127-139.	5.9	14
87	AKM ³ C: Adaptive K-Multiple-Means for Multi-View Clustering. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 4214-4226.	8.3	14
88	Relevance Units Latent Variable Model and Nonlinear Dimensionality Reduction. IEEE Transactions on Neural Networks, 2010, 21, 123-135.	4.2	13
89	CAIRAD: A co-appearance based analysis for Incorrect Records and Attribute-values Detection. , 2012, , .		13
90	Grassmannian Manifold Optimization Assisted Sparse Spectral Clustering. , 2017, , .		13

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91	Gaussian Processes Autoencoder for Dimensionality Reduction. Lecture Notes in Computer Science, 2014, , 62-73.	1.3	13
92	Assessing the Performance of Deep Learning Algorithms for Newsvendor Problem. Lecture Notes in Computer Science, 2017, , 912-921.	1.3	13
93	Localized LRR on Grassmann Manifold: An Extrinsic View. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 2524-2536.	8.3	12
94	Low Rank Representation on SPD matrices with Log-Euclidean metric. Pattern Recognition, 2018, 76, 623-634.	8.1	12
95	Cyclone Track Prediction with Matrix Neural Networks. , 2018, , .		12
96	Low Rank Representation on Grassmann Manifolds. Lecture Notes in Computer Science, 2015, , 81-96.	1.3	12
97	Spatial subspace clustering for drill hole spectral data. Journal of Applied Remote Sensing, 2014, 8, 083644.	1.3	11
98	Robust ear biometric recognition using neural network. , 2017, , .		11
99	Vectorial Dimension Reduction for Tensors Based on Bayesian Inference. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 4579-4592.	11.3	11
100	Locally adaptive sparse representation on Riemannian manifolds for robust classification. Neurocomputing, 2018, 310, 69-76.	5.9	11
101	Stock Ranking Prediction Using List-Wise Approach and Node Embedding Technique. IEEE Access, 2021, 9, 88981-88996.	4.2	11
102	Restricted Boltzmann machine approach to couple dictionary training for image super-resolution. , 2013, , .		9
103	Joint multiple dictionary learning for Tensor sparse coding. , 2014, , .		9
104	Nonlinear low-rank representation on Stiefel manifolds. Electronics Letters, 2015, 51, 749-751.	1.0	9
105	Non-Invasive Contrast Normalisation and Denosing Technique for the Retinal Fundus Image. Annals of Data Science, 2016, 3, 265-279.	3.2	9
106	Visualization of Non-vectorial Data Using Twin Kernel Embedding. , 2006, , .		8
107	CONTENT-BASED IMAGE RETRIEVAL OF CULTURAL HERITAGE SYMBOLS BY INTERACTION OF VISUAL PERSPECTIVES. International Journal of Pattern Recognition and Artificial Intelligence, 2011, 25, 643-673.	1.2	8
108	Transposed Low Rank Representation for Image Classification. , 2012, , .		8

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109	Affinity Pansharpener and Image Fusion. , 2014, , .		8
110	Group subset selection for linear regression. Computational Statistics and Data Analysis, 2014, 75, 39-52.	1.2	8
111	Tensor LRR based subspace clustering. , 2014, , .		8
112	Random spatial subspace clustering. Knowledge-Based Systems, 2015, 74, 106-118.	7.1	8
113	Partial Sum Minimization of Singular Values Representation on Grassmann Manifolds. ACM Transactions on Knowledge Discovery From Data, 2018, 12, 1-22.	3.5	8
114	Spatial-temporal dynamic hand gesture recognition via hybrid deep learning model. Journal on Multimodal User Interfaces, 2019, 13, 363-371.	2.9	8
115	Retinal Blood Vessels Extraction of Challenging Images. Communications in Computer and Information Science, 2019, , 347-359.	0.5	8
116	Coupled-learning convolutional neural networks for object recognition. Multimedia Tools and Applications, 2019, 78, 573-589.	3.9	8
117	Locality preserving projection based on Euler representation. Journal of Visual Communication and Image Representation, 2020, 70, 102796.	2.8	8
118	Cascaded Low Rank and Sparse Representation on Grassmann Manifolds. , 2018, , .		8
119	Corporate failure prediction: An evaluation of deep learning vs discrete hazard models. Journal of International Financial Markets, Institutions and Money, 2021, 75, 101455.	4.2	8
120	Low-rank and sparse representation based learning for cancer survivability prediction. Information Sciences, 2022, 582, 573-592.	6.9	8
121	A LEARNING FRAMEWORK FOR ADAPTIVE FINGERPRINT IDENTIFICATION USING RELEVANCE FEEDBACK. International Journal of Pattern Recognition and Artificial Intelligence, 2010, 24, 15-38.	1.2	7
122	Estimation of Gaussian process regression model using probability distance measures. Systems Science and Control Engineering, 2014, 2, 655-663.	3.1	7
123	Generalized Gaussian reference curve measurement model for high-performance liquid chromatography with diode array detector separation and its solution by multi-target intermittent particle swarm optimization. Journal of Chemometrics, 2015, 29, 146-153.	1.3	7
124	Image super-resolution via 2D tensor regression learning. Computer Vision and Image Understanding, 2015, 132, 12-23.	4.7	7
125	Relevance units machine based dimensional and continuous speech emotion prediction. Multimedia Tools and Applications, 2015, 74, 9983-10000.	3.9	7
126	A global-local affinity matrix model via EigenCap for graph-based subspace clustering. Pattern Recognition Letters, 2017, 89, 67-72.	4.2	7

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127	Improved Variance Reduction Methods for Riemannian Non-Convex Optimization. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 7610-7623.	13.9	7
128	Zero-Shot Text Classification with Semantically Extended Graph Convolutional Network. , 2021, , .		7
129	Graph Decoupling Attention Markov Networks for Semisupervised Graph Node Classification. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 9859-9873.	11.3	7
130	COMPREHENSIVE ANALYSIS FOR THE LOCAL FISHER DISCRIMINANT ANALYSIS. International Journal of Pattern Recognition and Artificial Intelligence, 2009, 23, 1129-1143.	1.2	6
131	Dimensionality reduction assisted tensor clustering. , 2014, , .		6
132	Low Rank Representation on Riemannian Manifold of Symmetric Positive Definite Matrices. , 2015, , .		6
133	Nonparametric tensor dictionary learning with beta process priors. Neurocomputing, 2016, 218, 120-130.	5.9	6
134	Neural network based denoised methods for retinal fundus images and MRI brain images. , 2016, , .		6
135	Robust human detection and localization in security applications. Concurrency Computation Practice and Experience, 2017, 29, e3977.	2.2	6
136	Retinal blood vessel extraction method based on basic filtering schemes. , 2017, , .		6
137	SRNN: Self-regularized neural network. Neurocomputing, 2018, 273, 260-270.	5.9	6
138	Adaptive Fusion of Heterogeneous Manifolds for Subspace Clustering. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 3484-3497.	11.3	6
139	Robust Image Representation via Low Rank Locality Preserving Projection. ACM Transactions on Knowledge Discovery From Data, 2021, 15, 1-22.	3.5	6
140	Kronecker-decomposable robust probabilistic tensor discriminant analysis. Information Sciences, 2021, 561, 196-210.	6.9	6
141	Efficient sparse subspace clustering by nearest neighbour filtering. Signal Processing, 2021, 185, 108082.	3.7	6
142	Twin Kernel Embedding with Back Constraints. , 2007, , .		5
143	The Image Matting Method with Regularized Matte. , 2012, , .		5
144	3D motion estimation for 3D video coding. , 2012, , .		5

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145	Filtering financial time series by least squares. International Journal of Machine Learning and Cybernetics, 2013, 4, 149-154.	3.6	5
146	A parallel model of independent component analysis constrained by a 5-parameter reference curve and its solution by multi-target particle swarm optimization. Analytical Methods, 2014, 6, 2679.	2.7	5
147	Band-Level Correlation Noise Modeling for Wyner's Ziv Video Coding with Gaussian Mixture Models. Circuits, Systems, and Signal Processing, 2015, 34, 2237-2254.	2.0	5
148	Fast stereo matching with fuzzy correlation. , 2016, , .		5
149	Nonparametrically Guided Autoencoder with Laplace Approximation for dimensionality reduction. , 2016, , .		5
150	Matrix Variate Restricted Boltzmann Machine. , 2016, , .		5
151	Human detection and localization in secure access control by analysing facial features. , 2016, , .		5
152	Matrix variate RBM model with Gaussian distributions. , 2017, , .		5
153	Fast optimization algorithm on Riemannian manifolds and its application in low-rank learning. Neurocomputing, 2018, 291, 59-70.	5.9	5
154	Gaussian Process Graph-Based Discriminant Analysis for Hyperspectral Images Classification. Remote Sensing, 2019, 11, 2288.	4.0	5
155	An Optimized Temporal-Spatial Gated Graph Convolution Network for Traffic Forecasting. IEEE Intelligent Transportation Systems Magazine, 2022, 14, 153-162.	3.8	5
156	Manifold Optimization-Assisted Gaussian Variational Approximation. Journal of Computational and Graphical Statistics, 0, , 1-12.	1.7	5
157	Image Spam Classification Using Neural Network. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2015, , 622-632.	0.3	5
158	Probabilistic Linear Discriminant Analysis Based on L_1 -Norm and Its Bayesian Variational Inference. IEEE Transactions on Cybernetics, 2022, 52, 1616-1627.	9.5	5
159	Reflectance Prediction Modelling for Residual-Based Hyperspectral Image Coding. PLoS ONE, 2016, 11, e0161212.	2.5	5
160	Parallely Adaptive Graph Convolutional Clustering Model. IEEE Transactions on Neural Networks and Learning Systems, 2024, , 1-14.	11.3	5
161	Image Matting via Local Tangent Space Alignment. , 2011, , .		4
162	Gaussian Process for Dimensionality Reduction in Transfer Learning. , 2011, , .		4

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163	UND: Unite-and-Divide Method in Fourier and Radon Domains for Line Segment Detection. IEEE Transactions on Image Processing, 2013, 22, 2501-2506.	9.8	4
164	Particle swarm optimisation assisted classification using elastic net prefiltering. Neurocomputing, 2013, 122, 210-220.	5.9	4
165	An improved independent component analysis model for 3D chromatogram separation and its solution by multi-areas genetic algorithm. BMC Bioinformatics, 2014, 15, S8.	2.6	4
166	Low rank sequential subspace clustering. , 2015, , .		4
167	Classification of matrix-variate Fisherâ€“Bingham distribution via Maximum Likelihood Estimation using manifold valued data. Neurocomputing, 2018, 295, 72-85.	5.9	4
168	Probabilistic Linear Discriminant Analysis With Vectorial Representation for Tensor Data. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 2938-2950.	11.3	4
169	Semi-blind joint channel estimation and data detection on sphere manifold for MIMO with high-order QAM signaling. Journal of the Franklin Institute, 2020, 357, 5680-5697.	3.4	4
170	A Decoder-Free Variational Deep Embedding for Unsupervised Clustering. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 5681-5693.	11.3	4
171	Minimum unbiased risk estimate based 2DPCA for color image denoising. Neurocomputing, 2021, 440, 127-144.	5.9	4
172	Video Domain Adaptation based on Optimal Transport in Grassmann Manifolds. Information Sciences, 2022, 594, 151-162.	6.9	4
173	E-procurement assimilation. , 2005, , .		3
174	Novel methods for high-resolution facial image capture using calibrated PTZ and static cameras. , 2008, , .		3
175	Application of Learning from Demonstration to a Mining Tunnel Inspection Robot. , 2011, , .		3
176	On the construction of the relevance vector machine based on Bayesian Ying-Yang harmony learning. Neural Networks, 2013, 48, 173-179.	5.9	3
177	Tensor Regression Based on Linked Multiway Parameter Analysis. , 2014, , .		3
178	Selective Multi-Source Total Variation Image Restoration. , 2015, , .		3
179	Human Surveillance System for Security Application. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2015, , 711-724.	0.3	3
180	Facial Analysis With a Lie Group Kernel. IEEE Transactions on Circuits and Systems for Video Technology, 2015, 25, 1140-1150.	8.3	3

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181	Fuzzy rule based approach for face and facial feature extraction in biometric authentication. , 2016, , .		3
182	Distance Measurement of Objects using Stereo Vision. , 2016, , .		3
183	A hybrid algorithm for low-rank approximation of nonnegative matrix factorization. Neurocomputing, 2019, 364, 129-137.	5.9	3
184	Locality Preserving Projection via Deep Neural Network. , 2019, , .		3
185	Matrix-variate variational auto-encoder with applications to image process. Journal of Visual Communication and Image Representation, 2020, 67, 102750.	2.8	3
186	Robust Functional Manifold Clustering. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 777-787.	11.3	3
187	A Sparse Oblique-Manifold Nonnegative Matrix Factorization for Hyperspectral Unmixing. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.3	3
188	Learning the Incremental Warp for 3D Vehicle Tracking in LiDAR Point Clouds. Remote Sensing, 2021, 13, 2770.	4.0	3
189	Low Rank Representation on Product Grassmann Manifolds for Multi-view Subspace Clustering. , 2021, , .		3
190	Biometric Authentication Using Facial Recognition. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2017, , 287-295.	0.3	3
191	An Efficient Algorithm for Stereo Correspondence Matching. International Journal of Computer Theory and Engineering, 2017, 9, 69-72.	3.4	3
192	Cross-modal alignment with graph reasoning for image-text retrieval. Multimedia Tools and Applications, 2022, 81, 23615-23632.	3.9	3
193	Prediction of student actions using weighted Markov models. , 2008, , .		2
194	Efficient character segmentation on car license plates. , 2010, , .		2
195	Analysis of synergistic and antagonistic effects of TCM: Cases on diabetes and insomnia. , 2010, , .		2
196	Classification of Hand-Written Digits Using Chordigrams. , 2011, , .		2
197	Analysis of herbal formulation in TCM: Infertility as a case study. , 2011, , .		2
198	Robot learning by a mining tunnel inspection robot. , 2012, , .		2

#	ARTICLE	IF	CITATIONS
199	Optimizing the moving average. , 2012, , .		2
200	Image Matting for Sparse User Input by Iterative Refinement. , 2013, , .		2
201	Parallel model of independent component analysis constrained by reference curves for HPLC-DAD and its solution by multi-areas genetic algorithm. , 2013, , .		2
202	Image Segmentation Based on Spatially Coherent Gaussian Mixture Model. , 2014, , .		2
203	Image segmentation using random features. , 2014, , .		2
204	Blocky artifact removal with low-rank matrix recovery. , 2014, , .		2
205	Fast identification algorithms for Gaussian process model. Neurocomputing, 2014, 133, 25-31.	5.9	2
206	Mixture of Bilateral-Projection Two-Dimensional Probabilistic Principal Component Analysis. , 2016, , .		2
207	l1-norm penalised orthogonal forward regression. International Journal of Systems Science, 2017, 48, 2195-2201.	5.5	2
208	Extracting depth information from stereo images using a fast correlation matching algorithm. International Journal of Computers and Applications, 2020, 42, 798-803.	1.3	2
209	Affective Audio Annotation of Public Speeches with Convolutional Clustering Neural Network. IEEE Transactions on Affective Computing, 2022, 13, 238-249.	8.3	2
210	Fine-Grained Age Estimation With Multi-Attention Network. IEEE Access, 2020, 8, 196013-196023.	4.2	2
211	Differentiable Neural Architecture Search for High-Dimensional Time Series Forecasting. IEEE Access, 2021, 9, 20922-20932.	4.2	2
212	Coupling matrix manifolds assisted optimization for optimal transport problems. Machine Learning, 2021, 110, 533-558.	5.4	2
213	Adapting Kernels by Variational Approach in SVM. Lecture Notes in Computer Science, 2002, , 395-406.	1.3	2
214	A User-Centered Framework for Adaptive Fingerprint Identification. Lecture Notes in Computer Science, 2009, , 89-100.	1.3	2
215	Study of the Noise Level in the Colour Fundus Images. Lecture Notes in Computer Science, 2015, , 159-168.	1.3	2
216	Mixture of the Robust L1 Distributions and Its Applications. , 2007, , 26-35.		2

#	ARTICLE	IF	CITATIONS
217	How Neural Processes Improve Graph Link Prediction. , 2022, , .		2
218	Logarithmic Schatten-p Norm Minimization for Tensorial Multi-view Subspace Clustering. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, , 1-1.	13.9	2
219	Visualization of Protein Structure Relationships Using Twin Kernel Embedding. , 2007, , .		1
220	Learning Out-Of Sample Mapping in Non-Vectorial Data Reduction using Constrained Twin Kernel Embedding. , 2007, , .		1
221	Relevance units machine based on Akaike's information criterion. , 2009, , .		1
222	Multi-view video compression using dynamic background frame and 3D motion estimation. , 2012, , .		1
223	Natural Image Matting with Total Variation Regularisation. , 2012, , .		1
224	Sparse model construction using coordinate descent optimization. , 2013, , .		1
225	Dimensionality Reduction with Dimension Selection. Lecture Notes in Computer Science, 2013, , 508-519.	1.3	1
226	Large scale hyperspectral data segmentation by random spatial subspace clustering. , 2013, , .		1
227	Fuzzy c-means clustering with a new regularization term for image segmentation. , 2014, , .		1
228	Sparse density estimation on multinomial manifold combining local component analysis. , 2015, , .		1
229	Classification on Stiefel and Grassmann manifolds via maximum Likelihood estimation of matrix distributions. , 2016, , .		1
230	Manifold optimization for nonnegative coefficient logistic regression. , 2016, , .		1
231	Estimating the square root of probability density function on Riemannian manifold. Expert Systems, 2018, 38, e12266.	4.5	1
232	Parametric Classification of Bingham Distributions Based on Grassmann Manifolds. IEEE Transactions on Image Processing, 2019, 28, 5771-5784.	9.8	1
233	HyperTube: A Framework for Population-Based Online Hyperparameter Optimization with Resource Constraints. IEEE Access, 2020, 8, 69038-69057.	4.2	1
234	On the Trend-corrected Variant of Adaptive Stochastic Optimization Methods. , 2020, , .		1

#	ARTICLE	IF	CITATIONS
235	A Spectral Clustering on Grassmann Manifold via Double Low Rank Constraint. , 2021, , .		1
236	Fuzzy contrastive learning for online behavior analysis. , 2021, , .		1
237	Tensorial Time Series Prediction via Tensor Neural Ordinary Differential Equations. , 2021, , .		1
238	Hierarchical Attention Transformer Networks for Long Document Classification. , 2021, , .		1
239	Riemannian Stochastic Recursive Momentum Method for non-Convex Optimization. , 2021, , .		1
240	Regularized Flexible Activation Function Combination for Deep Neural Networks. , 2021, , .		1
241	A Fast Algorithm to Estimate the Square Root of Probability Density Function. , 2016, , 165-176.		1
242	Constrained Grouped Sparsity. Lecture Notes in Computer Science, 2012, , 433-444.	1.3	1
243	Complete/incomplete multi-view subspace clustering via soft block-diagonal-induced regulariser. IET Computer Vision, 2021, 15, 618-632.	2.0	1
244	Regularized Kernel Local Linear Embedding on Dimensionality Reduction for Non-vectorial Data. Lecture Notes in Computer Science, 2009, , 240-249.	1.3	1
245	Rock Fragment Boundary Detection Using Compressed Random Features. Communications in Computer and Information Science, 2015, , 273-286.	0.5	1
246	Domain Adaptation as Optimal Transport on Grassmann Manifolds. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 7196-7209.	11.3	1
247	Shareability-Exclusivity Representation on Product Grassmann Manifolds for Multi-camera video clustering. Journal of Visual Communication and Image Representation, 2022, 84, 103457.	2.8	1
248	Hierarchical Graph Convolutional Networks for Structured Long Document Classification. IEEE Transactions on Neural Networks and Learning Systems, 2022, , 1-15.	11.3	1
249	<title>Kernel method in pattern recognition and classification</title>. , 2001, , .		0
250	Learning framework for examiner-centric fingerprint classification using spectral features. , 2007, , .		0
251	Robust L1 PCA and application in image denoising. Proceedings of SPIE, 2007, , .	0.8	0
252	Learning Gradients with Gaussian Processes. Lecture Notes in Computer Science, 2010, , 113-124.	1.3	0

#	ARTICLE	IF	CITATIONS
253	Studying herb-herb interaction for insomnia through the theory of complementarities. , 2010, , .		0
254	Multi-task beta process sparse kernel machines. , 2011, , .		0
255	Thin Plate Spline Latent Variable Models for dimensionality reduction. , 2012, , .		0
256	A new super resolution method based on combined sparse representations for remote sensing imagery. Proceedings of SPIE, 2013, , .	0.8	0
257	Automatic segmentation of equine larynx for diagnosis of laryngeal hemiplegia. , 2013, , .		0
258	A Decomposition Model for HPLC-DAD Data Set and Its Solution by Particle Swarm Optimization. Applied Computational Intelligence and Soft Computing, 2014, 2014, 1-10.	2.3	0
259	Image Segmentation Using Dictionary Learning and Compressed Random Features. , 2014, , .		0
260	Optimizing Mask and Dictionary of Compressive Light Field Photography. , 2014, , .		0
261	The W-Penalty and Its Application to Alpha Matting with Sparse Labels. , 2014, , .		0
262	Smoothing Security Prices. , 2014, , .		0
263	Separation model of Generalized Reference Curve Measurement for HPLC-DAD and it solution by multi-target Bare Bones Particle Swarm Optimization. , 2014, , .		0
264	Linear Subspace Learning via sparse dimension reduction. , 2014, , .		0
265	Transfer dimensionality reduction by Gaussian process in parallel. Knowledge and Information Systems, 2014, 38, 567-597.	3.2	0
266	Hyperspectral images mapping with group sparse representations. , 2015, , .		0
267	MLE-Based Learning on Grassmann Manifolds. , 2016, , .		0
268	Detection of Human Faces Using Neural Networks. Lecture Notes in Computer Science, 2016, , 690-698.	1.3	0
269	L1-2DPCA Revisit via Optimization on Product Manifolds. , 2017, , .		0
270	Functional Locality Preserving Projection for Dimensionality Reduction. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
271	Unsupervised Learning on Grassmann Manifolds for Big Data. , 2019, , 151-180.		0
272	Tensor-Train Parameterization for Ultra Dimensionality Reduction. , 2019, , .		0
273	Nonlinear Logistic Regression Model Based On Simplex Basis Function. , 2020, , .		0
274	Cluster Developing 1-Bit Matrix Completion. , 2020, , .		0
275	Kernel Clustering On Symmetric Positive Definite Manifolds Via Double Approximated Low Rank Representation. , 2020, , .		0
276	Reweighted Non-convex Non-smooth Rank Minimization Based Spectral Clustering on Grassmann Manifold. Lecture Notes in Computer Science, 2021, , 562-577.	1.3	0
277	LSTM-assisted evolutionary self-expressive subspace clustering. International Journal of Machine Learning and Cybernetics, 2021, 12, 2777-2793.	3.6	0
278	Stock Movement Prediction on Ex-Dividend Day Using Event Specific Features and Machine Learning Techniques. , 2021, , .		0
279	L1 LASSO Modeling and Its Bayesian Inference. Lecture Notes in Computer Science, 2008, , 318-324.	1.3	0
280	Local Feature Based Tensor Kernel for Image Manifold Learning. Lecture Notes in Computer Science, 2011, , 544-554.	1.3	0
281	Endmember Extraction by Exemplar Finder. Lecture Notes in Computer Science, 2013, , 501-512.	1.3	0
282	Active Class Discovery by Querying Pairwise Label Homogeneity. Lecture Notes in Computer Science, 2015, , 135-140.	1.3	0
283	A Nonnegative Projection Based Algorithm for Low-Rank Nonnegative Matrix Approximation. Lecture Notes in Computer Science, 2017, , 240-247.	1.3	0
284	Shared Deep Kernel Learning for Dimensionality Reduction. Lecture Notes in Computer Science, 2018, , 297-308.	1.3	0
285	Sparse Least Squares Low Rank Kernel Machines. Lecture Notes in Computer Science, 2019, , 395-406.	1.3	0
286	Twin Kernel Embedding with Relaxed Constraints on Dimensionality Reduction for Structured Data. , 2007, , 659-663.		0
287	Embedding graphs on Grassmann manifold. Neural Networks, 2022, , .	5.9	0
288	Multi-view subspace clustering with incomplete graph information. IET Computer Vision, 0, , .	2.0	0