Jane You

List of Publications by Year
in descending order

170 papers	6,817 citations	71061 41 h-index	71651 76 g-index
173 all docs	173 docs citations	173 times ranked	4715 citing authors

#	ARTICLE	IF	CITATIONS
1	Online palmprint identification. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2003, 25, 1041-1050.	9.7	1,222
2	Retinopathy Online Challenge: Automatic Detection of Microaneurysms in Digital Color Fundus Photographs. IEEE Transactions on Medical Imaging, 2010, 29, 185-195.	5.4	414
3	An analysis of BioHashing and its variants. Pattern Recognition, 2006, 39, 1359-1368.	5.1	251
4	Hierarchical palmprint identification via multiple feature extraction. Pattern Recognition, 2002, 35, 847-859.	5.1	217
5	Detection of microaneurysms using multi-scale correlation coefficients. Pattern Recognition, 2010, 43, 2237-2248.	5.1	197
6	A New Discriminative Sparse Representation Method for Robust Face Recognition via l_{2} Regularization. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 2233-2242.	7.2	151
7	Incremental Semi-Supervised Clustering Ensemble for High Dimensional Data Clustering. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 701-714.	4.0	150
8	Data Uncertainty in Face Recognition. IEEE Transactions on Cybernetics, 2014, 44, 1950-1961.	6.2	148
9	Adaptive Deep Metric Learning for Identity-Aware Facial Expression Recognition. , 2017, , .		142
10	On Hierarchical Palmprint Coding With Multiple Features for Personal Identification in Large Databases. IEEE Transactions on Circuits and Systems for Video Technology, 2004, 14, 234-243.	5.6	107
11	Robust Texture Image Representation by Scale Selective Local Binary Patterns. IEEE Transactions on Image Processing, 2016, 25, 687-699.	6.0	107
12	Vessel segmentation and width estimation in retinal images using multiscale production of matched filter responses. Expert Systems With Applications, 2012, 39, 7600-7610.	4.4	104
13	Hybrid <inline-formula> <tex-math notation="LaTeX">k </tex-math> </inline-formula>-Nearest Neighbor Classifier. IEEE Transactions on Cybernetics, 2016, 46, 1263-1275.	6.2	101
14	Semi-supervised classification based on random subspace dimensionality reduction. Pattern Recognition, 2012, 45, 1119-1135.	5.1	96
15	Image clustering based on sparse patch alignment framework. Pattern Recognition, 2014, 47, 3512-3519.	5.1	95
16	Classification and segmentation of rotated and scaled textured images using texture â€œtunedâ€•masks. Pattern Recognition, 1993, 26, 245-258.	5.1	93
17	Image clustering by hyper-graph regularized non-negative matrix factorization. Neurocomputing, 2014, 138, 209-217.	3.5	86
18	A Modified Matched Filter With Double-Sided Thresholding for Screening Proliferative Diabetic Retinopathy. IEEE Transactions on Information Technology in Biomedicine, 2009, 13, 528-534.	3.6	80

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19	Hard negative generation for identity-disentangled facial expression recognition. Pattern Recognition, 2019, 88, 1-12.	5.1	77
20	Perspectives on Cognitive Informatics and Cognitive Computing. International Journal of Cognitive Informatics and Natural Intelligence, 2010, 4, 1-29.	0.4	75
21	Multi-view ensemble manifold regularization for 3D object recognition. Information Sciences, 2015, 320, 395-405.	4.0	74
22	Texture-based palmprint retrieval using a layered search scheme for personal identification. IEEE Transactions on Multimedia, 2005, 7, 891-898.	5.2	72
23	Palm Vein Extraction and Matching for Personal Authentication. , 2007, , 154-164.		72
24	Detecting Wide Lines Using Isotropic Nonlinear Filtering. IEEE Transactions on Image Processing, 2007, 16, 1584-1595.	6.0	72
25	Sample diversity, representation effectiveness and robust dictionary learning for face recognition. Information Sciences, 2017, 375, 171-182.	4.0	64
26	Hybrid Classifier Ensemble for Imbalanced Data. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 1387-1400.	7.2	62
27	Hybrid clustering solution selection strategy. Pattern Recognition, 2014, 47, 3362-3375.	5.1	61
28	Clustering by Local Gravitation. IEEE Transactions on Cybernetics, 2018, 48, 1383-1396.	6.2	61
29	SCÂ³: Triple Spectral Clustering-Based Consensus Clustering Framework for Class Discovery from Cancer Gene Expression Profiles. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2012, 9, 1751-1765.	1.9	60
30	Double Selection Based Semi-Supervised Clustering Ensemble for Tumor Clustering from Gene Expression Profiles. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2014, 11, 727-740.	1.9	60
31	Hybrid Fuzzy Cluster Ensemble Framework for Tumor Clustering from Biomolecular Data. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2013, 10, 657-670.	1.9	57
32	Adaptive Fuzzy Consensus Clustering Framework for Clustering Analysis of Cancer Data. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2015, 12, 887-901.	1.9	55
33	Local directional derivative pattern for rotation invariant texture classification. Neural Computing and Applications, 2012, 21, 1893-1904.	3.2	52
34	HSAE: A Hessian regularized sparse auto-encoders. Neurocomputing, 2016, 187, 59-65.	3.5	51
35	Adaptive Semi-Supervised Classifier Ensemble for High Dimensional Data Classification. IEEE Transactions on Cybernetics, 2019, 49, 366-379.	6.2	51
36	Low-rank matrix factorization with multiple Hypergraph regularizer. Pattern Recognition, 2015, 48, 1011-1022.	5.1	49

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37	Adaptive Ensembling of Semi-Supervised Clustering Solutions. IEEE Transactions on Knowledge and Data Engineering, 2017, 29, 1577-1590.	4.0	47
38	Semi-Supervised Ensemble Clustering Based on Selected Constraint Projection. IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 2394-2407.	4.0	46
39	Distribution-Based Cluster Structure Selection. IEEE Transactions on Cybernetics, 2017, 47, 3554-3567.	6.2	45
40	A New Kind of Nonparametric Test for Statistical Comparison of Multiple Classifiers Over Multiple Datasets. IEEE Transactions on Cybernetics, 2017, 47, 4418-4431.	6.2	44
41	Knowledge Based Cluster Ensemble for Cancer Discovery From Biomolecular Data. IEEE Transactions on Nanobioscience, 2011, 10, 76-85.	2.2	43
42	Orthogonal discriminant vector for face recognition across pose. Pattern Recognition, 2012, 45, 4069-4079.	5.1	42
43	Hybrid cluster ensemble framework based on the random combination of data transformation operators. Pattern Recognition, 2012, 45, 1826-1837.	5.1	41
44	Data Augmentation via Latent Space Interpolation for Image Classification. , 2018, , .		41
45	Semi-supervised ensemble classification in subspaces. Applied Soft Computing Journal, 2012, 12, 1511-1522.	4.1	38
46	Effective texture classification by texton encoding induced statistical features. Pattern Recognition, 2015, 48, 447-457.	5.1	37
47	Progressive subspace ensemble learning. Pattern Recognition, 2016, 60, 692-705.	5.1	37
48	Efficient and Effective Context-Based Convolutional Entropy Modeling for Image Compression. IEEE Transactions on Image Processing, 2020, 29, 5900-5911.	6.0	37
49	Two-Dimensional Whitening Reconstruction for Enhancing Robustness of Principal Component Analysis. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 2130-2136.	9.7	36
50	Progressive Semisupervised Learning of Multiple Classifiers. IEEE Transactions on Cybernetics, 2018, 48, 689-702.	6.2	35
51	Tongue Color Analysis for Medical Application. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-11.	0.5	34
52	Hybrid Incremental Ensemble Learning for Noisy Real-World Data Classification. IEEE Transactions on Cybernetics, 2019, 49, 403-416.	6.2	33
53	From cluster ensemble to structure ensemble. Information Sciences, 2012, 198, 81-99.	4.0	32
54	Probabilistic cluster structure ensemble. Information Sciences, 2014, 267, 16-34.	4.0	32

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55	Modified minimum squared error algorithm for robust classification and face recognition experiments. Neurocomputing, 2014, 135, 253-261.	3.5	30
56	Learning Content-Weighted Deep Image Compression. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 3446-3461.	9.7	30
57	Smart shopper: an agent-based web-mining approach to internet shopping. IEEE Transactions on Fuzzy Systems, 2003, 11, 226-237.	6.5	29
58	Texture classification via patch-based sparse texton learning. , 2010, , .		29
59	Unimodal regularized neuron stick-breaking for ordinal classification. Neurocomputing, 2020, 388, 34-44.	3.5	29
60	Robust Dual Clustering with Adaptive Manifold Regularization. IEEE Transactions on Knowledge and Data Engineering, 2017, 29, 2498-2509.	4.0	27
61	Classification-aware Semi-supervised Domain Adaptation. , 2020, , .		27
62	Feature-Level Frankenstein: Eliminating Variations for Discriminative Recognition. , 2019, , .		26
63	Multiobjective Semisupervised Classifier Ensemble. IEEE Transactions on Cybernetics, 2019, 49, 2280-2293.	6.2	26
64	Extract minimum positive and maximum negative features for imbalanced binary classification. Pattern Recognition, 2012, 45, 1136-1145.	5.1	25
65	Projective robust nonnegative factorization. Information Sciences, 2016, 364-365, 16-32.	4.0	25
66	Transfer Clustering Ensemble Selection. IEEE Transactions on Cybernetics, 2020, 50, 2872-2885.	6.2	25
67	Dependency-Aware Attention Control for Image Set-Based Face Recognition. IEEE Transactions on Information Forensics and Security, 2020, 15, 1501-1512.	4.5	23
68	Image2Audio: Facilitating Semi-supervised Audio Emotion Recognition with Facial Expression Image. , 2020, , .		23
69	Dependency-Aware Attention Control for Unconstrained Face Recognition with Image Sets. Lecture Notes in Computer Science, 2018, , 573-590.	1.0	23
70	A non-rigid registration method with application to distorted fingerprint matching. Pattern Recognition, 2019, 95, 48-57.	5.1	22
71	Adaptive Hybrid Feature Selection-Based Classifier Ensemble for Epileptic Seizure Classification. IEEE Access, 2018, 6, 29132-29145.	2.6	21
72	Importance-Aware Semantic Segmentation in Self-Driving with Discrete Wasserstein Training. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 11629-11636.	3.6	20

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73	Permutation-Invariant Feature Restructuring for Correlation-Aware Image Set-Based Recognition. , 2019, , .		19
74	Normalized face image generation with perceptron generative adversarial networks. , 2018, , .		18
75	Conservative Wasserstein Training for Pose Estimation. , 2019, , .		18
76	A nested U-shape network with multi-scale upsample attention for robust retinal vascular segmentation. Pattern Recognition, 2021, 120, 107998.	5.1	18
77	Ordinal Regression with Neuron Stick-Breaking for Medical Diagnosis. Lecture Notes in Computer Science, 2019, , 335-344.	1.0	18
78	Efficient Image Matching: A Hierarchical Chamfer Matching Scheme Via Distributed System. Real Time Imaging, 1995, 1, 245-259.	1.6	17
79	On the On-line Number of Snacks Problem. Journal of Global Optimization, 2002, 24, 449-462.	1.1	17
80	Hierarchical detection of red lesions in retinal images by multiscale correlation filtering. Proceedings of SPIE, 2009, , .	0.8	17
81	Correlated Logistic Model With Elastic Net Regularization for Multilabel Image Classification. IEEE Transactions on Image Processing, 2016, 25, 3801-3813.	6.0	17
82	One-pass online learning: A local approach. Pattern Recognition, 2016, 51, 346-357.	5.1	17
83	Multi-Object Grasping Detection With Hierarchical Feature Fusion. IEEE Access, 2019, 7, 43884-43894.	2.6	17
84	Centroid Estimation With Guaranteed Efficiency: A General Framework for Weakly Supervised Learning. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 2841-2855.	9.7	17
85	A Multiscale Approach to Retinal Vessel Segmentation Using Gabor Filters and Scale Multiplication. , 2006, , .		16
86	Fast kernel Fisher discriminant analysis via approximating the kernel principal component analysis. Neurocomputing, 2011, 74, 3313-3322.	3.5	16
87	Severity-Aware Semantic Segmentation With Reinforced Wasserstein Training. , 2020, , .		16
88	Mutual information regularized identity-aware facial expression recognition in compressed video. Pattern Recognition, 2021, 119, 108105.	5.1	16
89	An efficient method for computing orthogonal discriminant vectors. Neurocomputing, 2010, 73, 2168-2176.	3.5	15
90	A novel gray image representation using overlapping rectangular NAM and extended shading approach. Journal of Visual Communication and Image Representation, 2012, 23, 972-983.	1.7	15

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91	Visual query processing for efficient image retrieval using a SOM-based filter-refinement scheme. Information Sciences, 2012, 203, 83-101.	4.0	15
92	Locally Weighted Discriminant Analysis for Hyperspectral Image Classification. Remote Sensing, 2019, 11, 109.	1.8	15
93	A Study of Hand Back Skin Texture Patterns for Personal Identification and Gender Classification. Sensors, 2012, 12, 8691-8709.	2.1	14
94	Representative Distance: A New Similarity Measure for Class Discovery From Gene Expression Data. IEEE Transactions on Nanobioscience, 2012, 11, 341-351.	2.2	14
95	Is local dominant orientation necessary for the classification of rotation invariant texture?. Neurocomputing, 2013, 116, 182-191.	3.5	14
96	Non-rigid medical image registration using image field in Demons algorithm. Pattern Recognition Letters, 2019, 125, 98-104.	2.6	14
97	Identity-aware Facial Expression Recognition in Compressed Video. , 2021, , .		14
98	Progressive Hybrid Classifier Ensemble for Imbalanced Data. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 2464-2478.	5.9	14
99	New hierarchical approach for microaneurysms detection with matched filter and machine learning. , 2015, 2015, 4322-5.		13
100	Data-driven facial animation via semi-supervised local patch alignment. Pattern Recognition, 2016, 57, 1-20.	5.1	13
101	Domain Transfer Learning for Hyperspectral Image Super-Resolution. Remote Sensing, 2019, 11, 694.	1.8	13
102	Wasserstein Loss based Deep Object Detection. , 2020, , .		13
103	Shared Linear Encoder-Based Multikernel Gaussian Process Latent Variable Model for Visual Classification. IEEE Transactions on Cybernetics, 2021, 51, 534-547.	6.2	13
104	Adaptive Classifier Ensemble Method Based on Spatial Perception for High-Dimensional Data Classification. IEEE Transactions on Knowledge and Data Engineering, 2021, 33, 2847-2862.	4.0	13
105	Energy-constrained Self-training for Unsupervised Domain Adaptation. , 2021, , .		13
106	Differential Expression Analysis on RNA-Seq Count Data Based on Penalized Matrix Decomposition. IEEE Transactions on Nanobioscience, 2014, 13, 12-18.	2.2	12
107	Noise-free representation based classification and face recognition experiments. Neurocomputing, 2015, 147, 307-314.	3.5	12
108	AUTO3D: Novel View Synthesis Through Unsupervisely Learned Variational Viewpoint and Global 3D Representation. Lecture Notes in Computer Science, 2020, , 52-71.	1.0	12

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109	A multi-scale texture classifier based on multi-resolution â€˜tunedâ€™ mask. Pattern Recognition Letters, 1992, 13, 599-604.	2.6	11
110	ON THE k-TRUCK SCHEDULING PROBLEM. International Journal of Foundations of Computer Science, 2004, 15, 127-141.	0.8	11
111	Dark line detection with line width extraction. , 2008, , .		11
112	Recognition of unideal iris images using region-based active contour model and game theory. , 2010, , .		11
113	Hyperspectral Image Classification Based on Two-Stage Subspace Projection. Remote Sensing, 2018, 10, 1565.	1.8	11
114	Texture Classification by Texton: Statistical versus Binary. PLoS ONE, 2014, 9, e88073.	1.1	11
115	An Inception Convolutional Autoencoder Model for Chinese Healthcare Question Clustering. IEEE Transactions on Cybernetics, 2021, 51, 2019-2031.	6.2	9
116	Microaneurysm (MA) Detection via Sparse Representation Classifier with MA and Non-MA Dictionary Learning. , 2010, , .		8
117	Enlarge the Training Set Based on Inter-Class Relationship for Face Recognition from One Image per Person. PLoS ONE, 2013, 8, e68539.	1.1	8
118	A spectral clustering based method for hyperspectral urban image. , 2017, , .		8
119	Online personal verification by palmvein image through palmprint-like and palmvein information. Neurocomputing, 2015, 147, 364-371.	3.5	7
120	Wasserstein Loss With Alternative Reinforcement Learning for Severity-Aware Semantic Segmentation. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 587-596.	4.7	7
121	Semisupervised Classification With Novel Graph Construction for High-Dimensional Data. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 75-88.	7.2	7
122	State-of-the-Art of Computer-Aided Detection/Diagnosis (CAD). Lecture Notes in Computer Science, 2010, , 296-305.	1.0	7
123	Relaxed Asymmetric Deep Hashing Learning: Point-to-Angle Matching. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 4791-4805.	7.2	6
124	Constraining pseudoâ€label in selfâ€training unsupervised domain adaptation with energyâ€based model. International Journal of Intelligent Systems, 2022, 37, 8092-8112.	3.3	6
125	Reversible image watermarking by rhombus prediction and histogram modification. , 2012, , .		5
126	A robust automatic face recognition system for realâ€time personal identification. Sensor Review, 2006, 26, 38-44.	1.0	4

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127	Neural gas based cluster ensemble algorithm and its application to cancer data. , 2011, , .		4
128	IMPACT OF FULL RANK PRINCIPAL COMPONENT ANALYSIS ON CLASSIFICATION ALGORITHMS FOR FACE RECOGNITION. International Journal of Pattern Recognition and Artificial Intelligence, 2012, 26, 1256005.	0.7	4
129	Improvement of the kernel minimum squared error model for fast feature extraction. Neural Computing and Applications, 2013, 23, 53-59.	3.2	4
130	Sparse tensor discriminative locality alignment for gait recognition. , 2016, , .		4
131	Embedding Semantic Hierarchy in Discrete Optimal Transport for Risk Minimization. , 2021, , .		4
132	Competitive Analysis for the On-line Truck Transportation Problem. Journal of Global Optimization, 2006, 34, 489-502.	1.1	3
133	Perspectives on Cognitive Informatics and Cognitive Computing: Summary of the Panel of IEEE ICCI'09. , 2009, , .		3
134	A fully automated system for retinal vessel tortuosity diagnosis using scale dependent vessel tracing and grading. , 2010, , .		3
135	Detecting Optic Disc on Asians by Multiscale Gaussian Filtering. International Journal of Biomedical Imaging, 2012, 2012, 1-10.	3.0	3
136	Two-dimensional locality adaptive discriminant analysis. Multimedia Tools and Applications, 2019, 78, 30397-30418.	2.6	3
137	SOM 2 CE: Double Self-Organizing Map Based Cluster Ensemble Framework and its Application in Cancer Gene Expression Profiles. Lecture Notes in Computer Science, 2012, , 351-360.	1.0	3
138	A New Approach to Personal Identification in Large Databases by Hierarchical Palmprint Coding with Multi-features. Lecture Notes in Computer Science, 2004, , 739-745.	1.0	3
139	On hierarchical content-based image retrieval by dynamic indexing and guided search. , 2009, , .		2
140	Double Partition Around Medoids based Cluster Ensemble. , 2012, , .		2
141	NG²CE: Double neural gas based cluster ensemble framework. , 2012, , .		2
142	Multi-view Based AdaBoost Classifier Ensemble for Class Prediction from Gene Expression Profiles. , 2014, , .		2
143	Incremental semi-supervised clustering ensemble for high dimensional data clustering. , 2016, , .		2
144	Robust Epileptic Seizure Classification. Lecture Notes in Computer Science, 2016, , 363-373.	1.0	2

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145	Retinal Vessel Centerline Extraction Using Multiscale Matched Filter and Sparse Representation-Based Classifier. Lecture Notes in Computer Science, 2010, , 181-190.	1.0	2
146	Ordinal Unsupervised Domain Adaptation With Recursively Conditional Gaussian Imposed Variational Disentanglement. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2024, , 1-14.	9.7	2
147	Refractive error detection via group sparse representation. , 2010, , .		1
148	Sparse representation based spectral regression. , 2011, , .		1
149	Multiscale retinal vessel segmentation with precise width estimation. , 2012, , .		1
150	Double space based multiobjective evolutionary algorithm. , 2012, , .		1
151	Texture Image Classification Using Complex Texton. Lecture Notes in Computer Science, 2012, , 98-104.	1.0	1
152	Automatic Mobile Retinal Microaneurysm Detection Using Handheld Fundus Camera via Cloud Computing. IS&T International Symposium on Electronic Imaging, 2016, 2016, 1-5.	0.3	1
153	Guest Editorial: Multimedia-Based Healthcare. IEEE Transactions on Multimedia, 2016, 18, 1925-1928.	5.2	1
154	On Hierarchical Content-Based Image Retrieval by Dynamic Indexing and Guided Search. International Journal of Cognitive Informatics and Natural Intelligence, 2010, 4, 18-36.	0.4	1
155	Tropical Cyclone Forecaster Integrated with Case-Based Reasoning. Lecture Notes in Electrical Engineering, 2009, , 235-241.	0.3	1
156	Breath Analysis for Detecting Diseases on Respiratory, Metabolic and Digestive System. Journal of Biomedical Science and Engineering, 2019, 12, 40-52.	0.2	1
157	<title>Hierarchical content-based image retrieval by dynamic indexing and guided search</title>. , 2003, , .		0
158	Robust human motion detection via fuzzy set based image understanding. , 2006, 6064, 186.		0
159	Robust Object Extraction and Change Detection in Retinal Images for Diabetic Clinical Studies. , 2007, , .		0
160	Penalty-based cluster validity index for class discovery from cancer data. , 2011, , .		0
161	PSEFminer: A new probabilistic subspace ensemble framework for cancer microarray data analysis. , 2011, , .		0
162	Representative Multi-Label Bayesian Approach for image classification. , 2012, , .		0

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163	Tumor clustering based on hybrid cluster ensemble framework. , 2012, , .		0
164	Structure ensemble based on fuzzy c-means. , 2012, , .		0
165	Fast normalized cut algorithm based on self-organizing map. , 2012, , .		0
166	Dual neural gas based structure ensemble with the bagging technique. , 2012, , .		0
167	AN INTELLIGENT CBR MODEL FOR PREDICTING CHANGES IN TROPICAL CYCLONES INTENSITIES. , 2013, , 525-554.		0
168	Video Activity Recognition by Luminance Differential Trajectory and Aligned Projection Distance. Handbook of Statistics, 2013, 31, 300-325.	0.4	0
169	Multiview clustering based on Robust and Regularized Matrix Approximation. , 2016, , .		0
170	Robust Localization of Retinal Lesions via Weakly-supervised Learning. , 2021, , .		0