

Dao-Qiang Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

223
papers

12,160
citations

50170

46
h-index

30010

103
g-index

231
all docs

231
docs citations

231
times ranked

8725
citing authors

#	ARTICLE	IF	CITATIONS
1	Multimodal classification of Alzheimer's disease and mild cognitive impairment. <i>NeuroImage</i> , 2011, 55, 856-867.	2.1	1,081
2	Robust Image Segmentation Using FCM With Spatial Constraints Based on New Kernel-Induced Distance Measure. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2004, 34, 1907-1916.	5.5	944
3	Fast and robust fuzzy c-means clustering algorithms incorporating local information for image segmentation. <i>Pattern Recognition</i> , 2007, 40, 825-838.	5.1	937
4	Multi-modal multi-task learning for joint prediction of multiple regression and classification variables in Alzheimer's disease. <i>NeuroImage</i> , 2012, 59, 895-907.	2.1	576
5	: Two-directional two-dimensional PCA for efficient face representation and recognition. <i>Neurocomputing</i> , 2005, 69, 224-231.	3.5	545
6	A novel kernelized fuzzy C-means algorithm with application in medical image segmentation. <i>Artificial Intelligence in Medicine</i> , 2004, 32, 37-50.	3.8	460
7	Identification of MCI individuals using structural and functional connectivity networks. <i>NeuroImage</i> , 2012, 59, 2045-2056.	2.1	334
8	Ensemble sparse classification of Alzheimer's disease. <i>NeuroImage</i> , 2012, 60, 1106-1116.	2.1	278
9	Clustering Incomplete Data Using Kernel-Based Fuzzy C-means Algorithm. <i>Neural Processing Letters</i> , 2003, 18, 155-162.	2.0	268
10	Semi-Supervised Dimensionality Reduction. , 2007, , .		241
11	Predicting Future Clinical Changes of MCI Patients Using Longitudinal and Multimodal Biomarkers. <i>PLoS ONE</i> , 2012, 7, e33182.	1.1	226
12	Constraint Score: A new filter method for feature selection with pairwise constraints. <i>Pattern Recognition</i> , 2008, 41, 1440-1451.	5.1	179
13	Relationship Induced Multi-Template Learning for Diagnosis of Alzheimer's Disease and Mild Cognitive Impairment. <i>IEEE Transactions on Medical Imaging</i> , 2016, 35, 1463-1474.	5.4	165
14	A new face recognition method based on SVD perturbation for single example image per person. <i>Applied Mathematics and Computation</i> , 2005, 163, 895-907.	1.4	150
15	Adaptive Feature Selection Guided Deep Forest for COVID-19 Classification With Chest CT. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2020, 24, 2798-2805.	3.9	149
16	Domain Transfer Learning for MCI Conversion Prediction. <i>IEEE Transactions on Biomedical Engineering</i> , 2015, 62, 1805-1817.	2.5	148
17	Enhanced (PC)2A for face recognition with one training image per person. <i>Pattern Recognition Letters</i> , 2004, 25, 1173-1181.	2.6	145
18	Integration of Network Topological and Connectivity Properties for Neuroimaging Classification. <i>IEEE Transactions on Biomedical Engineering</i> , 2014, 61, 576-589.	2.5	125

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19	Diagonal principal component analysis for face recognition. <i>Pattern Recognition</i> , 2006, 39, 140-142.	5.1	118
20	Manifold regularized multitask feature learning for multimodality disease classification. <i>Human Brain Mapping</i> , 2015, 36, 489-507.	1.9	114
21	Hierarchical fusion of features and classifier decisions for Alzheimer's disease diagnosis. <i>Human Brain Mapping</i> , 2014, 35, 1305-1319.	1.9	113
22	Hyper-connectivity of functional networks for brain disease diagnosis. <i>Medical Image Analysis</i> , 2016, 32, 84-100.	7.0	113
23	A Survey on Deep Learning for Neuroimaging-Based Brain Disorder Analysis. <i>Frontiers in Neuroscience</i> , 2020, 14, 779.	1.4	111
24	Two-Stage Cost-Sensitive Learning for Software Defect Prediction. <i>IEEE Transactions on Reliability</i> , 2014, 63, 676-686.	3.5	110
25	Identifying Autism Spectrum Disorder With Multi-Site fMRI via Low-Rank Domain Adaptation. <i>IEEE Transactions on Medical Imaging</i> , 2020, 39, 644-655.	5.4	109
26	A generative probability model of joint label fusion for multi-atlas based brain segmentation. <i>Medical Image Analysis</i> , 2014, 18, 881-890.	7.0	107
27	Semi-supervised clustering with metric learning: An adaptive kernel method. <i>Pattern Recognition</i> , 2010, 43, 1320-1333.	5.1	99
28	Multi-modal neuroimaging feature selection with consistent metric constraint for diagnosis of Alzheimer's disease. <i>Medical Image Analysis</i> , 2020, 60, 101625.	7.0	99
29	Topological graph kernel on multiple thresholded functional connectivity networks for mild cognitive impairment classification. <i>Human Brain Mapping</i> , 2014, 35, 2876-2897.	1.9	98
30	Inherent Structure-Based Multiview Learning With Multitemplate Feature Representation for Alzheimer's Disease Diagnosis. <i>IEEE Transactions on Biomedical Engineering</i> , 2016, 63, 1473-1482.	2.5	96
31	Dual Attention Multi-Instance Deep Learning for Alzheimer's Disease Diagnosis With Structural MRI. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 2354-2366.	5.4	94
32	View-Centralized multi-atlas classification for Alzheimer's disease diagnosis. <i>Human Brain Mapping</i> , 2015, 36, 1847-1865.	1.9	88
33	Feature extraction approaches based on matrix pattern: MatPCA and MatFLDA. <i>Pattern Recognition Letters</i> , 2005, 26, 1157-1167.	2.6	86
34	Multimodal manifold-regularized transfer learning for MCI conversion prediction. <i>Brain Imaging and Behavior</i> , 2015, 9, 913-926.	1.1	81
35	Semisupervised Dimensionality Reduction With Pairwise Constraints for Hyperspectral Image Classification. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2011, 8, 369-373.	1.4	80
36	Pairwise Constraint-Guided Sparse Learning for Feature Selection. <i>IEEE Transactions on Cybernetics</i> , 2016, 46, 298-310.	6.2	75

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37	Spatial-Temporal Dependency Modeling and Network Hub Detection for Functional MRI Analysis via Convolutional-Recurrent Network. IEEE Transactions on Biomedical Engineering, 2020, 67, 2241-2252.	2.5	74
38	Label-aligned multi-task feature learning for multimodal classification of Alzheimer's disease and mild cognitive impairment. Brain Imaging and Behavior, 2016, 10, 1148-1159.	1.1	72
39	Sub-Network Kernels for Measuring Similarity of Brain Connectivity Networks in Disease Diagnosis. IEEE Transactions on Image Processing, 2018, 27, 2340-2353.	6.0	72
40	Hypergraph based multi-task feature selection for multimodal classification of Alzheimer's disease. Computerized Medical Imaging and Graphics, 2020, 80, 101663.	3.5	72
41	Joint Binary Classifier Learning for ECOC-Based Multi-Class Classification. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 2335-2341.	9.7	71
42	A New Canonical Correlation Analysis Algorithm with Local Discrimination. Neural Processing Letters, 2010, 31, 1-15.	2.0	70
43	Multi-Domain Transfer Learning for Early Diagnosis of Alzheimer's Disease. Neuroinformatics, 2017, 15, 115-132.	1.5	65
44	marginFace: A novel face recognition method by average neighborhood margin maximization. Pattern Recognition, 2009, 42, 2863-2875.	5.1	54
45	Integrative Analysis of Pathological Images and Multi-Dimensional Genomic Data for Early-Stage Cancer Prognosis. IEEE Transactions on Medical Imaging, 2020, 39, 99-110.	5.4	54
46	Comments on "Efficient and Robust Feature Extraction by Maximum Margin Criterion. IEEE Transactions on Neural Networks, 2007, 18, 1862-1864.	4.8	53
47	Robust multi-label transfer feature learning for early diagnosis of Alzheimer's disease. Brain Imaging and Behavior, 2019, 13, 138-153.	1.1	50
48	Network-based classification of ADHD patients using discriminative subnetwork selection and graph kernel PCA. Computerized Medical Imaging and Graphics, 2016, 52, 82-88.	3.5	49
49	Temporally Constrained Group Sparse Learning for Longitudinal Data Analysis in Alzheimer's Disease. IEEE Transactions on Biomedical Engineering, 2017, 64, 238-249.	2.5	49
50	A Multiobjective Simultaneous Learning Framework for Clustering and Classification. IEEE Transactions on Neural Networks, 2010, 21, 185-200.	4.8	47
51	Multiple Effect of APOE Genotype on Clinical and Neuroimaging Biomarkers Across Alzheimer's Disease Spectrum. Molecular Neurobiology, 2016, 53, 4539-4547.	1.9	46
52	Anatomical Attention Guided Deep Networks for ROI Segmentation of Brain MR Images. IEEE Transactions on Medical Imaging, 2020, 39, 2000-2012.	5.4	46
53	Bagging Constraint Score for feature selection with pairwise constraints. Pattern Recognition, 2010, 43, 2106-2118.	5.1	45
54	A New Locality-Preserving Canonical Correlation Analysis Algorithm for Multi-View Dimensionality Reduction. Neural Processing Letters, 2013, 37, 135-146.	2.0	45

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55	Learning the kernel parameters in kernel minimum distance classifier. <i>Pattern Recognition</i> , 2006, 39, 133-135.	5.1	44
56	Pattern Representation in Feature Extraction and Classifier Design: Matrix Versus Vector. <i>IEEE Transactions on Neural Networks</i> , 2008, 19, 758-769.	4.8	44
57	Mining Outcome-relevant Brain Imaging Genetic Associations via Three-way Sparse Canonical Correlation Analysis in Alzheimer's Disease. <i>Scientific Reports</i> , 2017, 7, 44272.	1.6	44
58	Non-negative Matrix Factorization on Kernels. <i>Lecture Notes in Computer Science</i> , 2006, , 404-412.	1.0	44
59	Sparse Patch-Based Label Fusion for Multi-Atlas Segmentation. <i>Lecture Notes in Computer Science</i> , 2012, , 94-102.	1.0	43
60	Identification of associations between genotypes and longitudinal phenotypes via temporally-constrained group sparse canonical correlation analysis. <i>Bioinformatics</i> , 2017, 33, i341-i349.	1.8	42
61	Cognitive Workload Recognition Using EEG Signals and Machine Learning: A Review. <i>IEEE Transactions on Cognitive and Developmental Systems</i> , 2022, 14, 799-818.	2.6	42
62	Structural-profiling of low molecular weight RNAs by nanopore trapping/translocation using <i>Mycobacterium smegmatis</i> porin A. <i>Nature Communications</i> , 2021, 12, 3368.	5.8	42
63	Bridging Integrator 1 (BIN1) Genotypes Mediate Alzheimer's Disease Risk by Altering Neuronal Degeneration. <i>Journal of Alzheimer's Disease</i> , 2016, 52, 179-190.	1.2	39
64	ASMFS: Adaptive-similarity-based multi-modality feature selection for classification of Alzheimer's disease. <i>Pattern Recognition</i> , 2022, 126, 108566.	5.1	39
65	Domain Transfer Learning for MCI Conversion Prediction. <i>Lecture Notes in Computer Science</i> , 2012, 15, 82-90.	1.0	38
66	Association between NME8 Locus Polymorphism and Cognitive Decline, Cerebrospinal Fluid and Neuroimaging Biomarkers in Alzheimer's Disease. <i>PLoS ONE</i> , 2014, 9, e114777.	1.1	37
67	Ordinal Pattern: A New Descriptor for Brain Connectivity Networks. <i>IEEE Transactions on Medical Imaging</i> , 2018, 37, 1711-1722.	5.4	37
68	Recent Advances of Deep Learning for Computational Histopathology: Principles and Applications. <i>Cancers</i> , 2022, 14, 1199.	1.7	37
69	Discriminative multi-task feature selection for multi-modality classification of Alzheimer's disease. <i>Brain Imaging and Behavior</i> , 2016, 10, 739-749.	1.1	36
70	Multi-task exclusive relationship learning for alzheimer's disease progression prediction with longitudinal data. <i>Medical Image Analysis</i> , 2019, 53, 111-122.	7.0	36
71	Multi-task multi-modal learning for joint diagnosis and prognosis of human cancers. <i>Medical Image Analysis</i> , 2020, 65, 101795.	7.0	36
72	Feature selection with effective distance. <i>Neurocomputing</i> , 2016, 215, 100-109.	3.5	35

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73	Semisupervised Kernel Matrix Learning by Kernel Propagation. IEEE Transactions on Neural Networks, 2010, 21, 1831-1841.	4.8	34
74	Hybrid neural network and C4.5 for misuse detection. , 0, , .		33
75	Robust multi-atlas label propagation by deep sparse representation. Pattern Recognition, 2017, 63, 511-517.	5.1	31
76	Identifying disease-related subnetwork connectome biomarkers by sparse hypergraph learning. Brain Imaging and Behavior, 2019, 13, 879-892.	1.1	31
77	Discovering network phenotype between genetic risk factors and disease status via diagnosis-aligned multi-modality regression method in Alzheimerâ€™s disease. Bioinformatics, 2019, 35, 1948-1957.	1.8	31
78	High-Order Feature Learning for Multi-Atlas Based Label Fusion: Application to Brain Segmentation With MRI. IEEE Transactions on Image Processing, 2020, 29, 2702-2713.	6.0	30
79	Manifold Regularized Multi-Task Feature Selection for Multi-Modality Classification in Alzheimerâ€™s Disease. Lecture Notes in Computer Science, 2013, 16, 275-283.	1.0	30
80	Fuzzy clustering using kernel method. , 0, , .		29
81	SPARSITY SCORE: A NOVEL GRAPH-PRESERVING FEATURE SELECTION METHOD. International Journal of Pattern Recognition and Artificial Intelligence, 2014, 28, 1450009.	0.7	28
82	A simultaneous learning framework for clustering and classification. Pattern Recognition, 2009, 42, 1248-1259.	5.1	27
83	Locality sensitive C-means clustering algorithms. Neurocomputing, 2010, 73, 2935-2943.	3.5	27
84	A novel ensemble construction method for multi-view data using random cross-view correlation between within-class examples. Pattern Recognition, 2011, 44, 1162-1171.	5.1	27
85	Machine learning in medical imaging. Computerized Medical Imaging and Graphics, 2015, 41, 1-2.	3.5	27
86	Towards evaluating the robustness of deep diagnostic models by adversarial attack. Medical Image Analysis, 2021, 69, 101977.	7.0	27
87	Identifying Multimodal Intermediate Phenotypes Between Genetic Risk Factors and Disease Status in Alzheimerâ€™s Disease. Neuroinformatics, 2016, 14, 439-452.	1.5	26
88	Multi-modal AD classification via self-paced latent correlation analysis. Neurocomputing, 2019, 355, 143-154.	3.5	26
89	Effect of EPHA1 Genetic Variation on Cerebrospinal Fluid and Neuroimaging Biomarkers in Healthy, Mild Cognitive Impairment and Alzheimer's Disease Cohorts. Journal of Alzheimer's Disease, 2015, 44, 115-123.	1.2	25
90	EFFICIENT PSEUDOINVERSE LINEAR DISCRIMINANT ANALYSIS AND ITS NONLINEAR FORM FOR FACE RECOGNITION. International Journal of Pattern Recognition and Artificial Intelligence, 2007, 21, 1265-1278.	0.7	24

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91	Semi-supervised multimodal classification of alzheimer's disease. , 2011, , .		24
92	Frequent and Discriminative Subnetwork Mining for Mild Cognitive Impairment Classification. Brain Connectivity, 2014, 4, 347-360.	0.8	24
93	Modeling dynamic characteristics of brain functional connectivity networks using resting-state functional MRI. Medical Image Analysis, 2021, 71, 102063.	7.0	24
94	Two-Dimensional Non-negative Matrix Factorization for Face Representation and Recognition. Lecture Notes in Computer Science, 2005, , 350-363.	1.0	24
95	Robust fuzzy relational classifier incorporating the soft class labels. Pattern Recognition Letters, 2007, 28, 2250-2263.	2.6	22
96	Human cell structure-driven model construction for predicting protein subcellular location from biological images. Bioinformatics, 2016, 32, 114-121.	1.8	22
97	Iterative Laplacian Score for Feature Selection. Communications in Computer and Information Science, 2012, , 80-87.	0.4	22
98	Representing Image Matrices: Eigenimages Versus Eigenvectors. Lecture Notes in Computer Science, 2005, , 659-664.	1.0	21
99	Identifying Informative Imaging Biomarkers via Tree Structured Sparse Learning for AD Diagnosis. Neuroinformatics, 2014, 12, 381-394.	1.5	21
100	Brain Connectivity Hyper-Network for MCI Classification. Lecture Notes in Computer Science, 2014, 17, 724-732.	1.0	21
101	A comment on "Alternative c-means clustering algorithms". Pattern Recognition, 2004, 37, 173-174.	5.1	20
102	Semi-Supervised Multimodal Relevance Vector Regression Improves Cognitive Performance Estimation from Imaging and Biological Biomarkers. Neuroinformatics, 2013, 11, 339-353.	1.5	20
103	Canonical sparse cross-view correlation analysis. Neurocomputing, 2016, 191, 263-272.	3.5	20
104	Kernel-based fuzzy clustering incorporating spatial constraints for image segmentation. , 0, , .		19
105	Common Variants in PLD3 and Correlation to Amyloid-Related Phenotypes in Alzheimer's Disease. Journal of Alzheimer's Disease, 2015, 46, 491-495.	1.2	19
106	Ordinal Multi-modal Feature Selection for Survival Analysis of Early-Stage Renal Cancer. Lecture Notes in Computer Science, 2018, , 648-656.	1.0	19
107	Low-Rank Representation for Multi-center Autism Spectrum Disorder Identification. Lecture Notes in Computer Science, 2018, 11070, 647-654.	1.0	19
108	Deep active learning for nucleus classification in pathology images. , 2018, , .		19

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109	Hybrid Functional Brain Network With First-Order and Second-Order Information for Computer-Aided Diagnosis of Schizophrenia. <i>Frontiers in Neuroscience</i> , 2019, 13, 603.	1.4	19
110	Gait acquisition and analysis system for osteoarthritis based on hybrid prediction model. <i>Computerized Medical Imaging and Graphics</i> , 2020, 85, 101782.	3.5	19
111	Cross-Task Cognitive Workload Recognition Based on EEG and Domain Adaptation. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2022, 30, 50-60.	2.7	19
112	Weighted Spectral Cluster Ensemble. , 2015, , .		18
113	Topological correction of infant white matter surfaces using anatomically constrained convolutional neural network. <i>NeuroImage</i> , 2019, 198, 114-124.	2.1	18
114	Semi-supervised Kernel-Based Fuzzy C-Means. <i>Lecture Notes in Computer Science</i> , 2004, , 1229-1234.	1.0	18
115	Tree-Guided Sparse Coding for Brain Disease Classification. <i>Lecture Notes in Computer Science</i> , 2012, 15, 239-247.	1.0	18
116	A learning-based CT prostate segmentation method via joint transductive feature selection and regression. <i>Neurocomputing</i> , 2016, 173, 317-331.	3.5	17
117	Hierarchical Temporal Attention Network for Thyroid Nodule Recognition Using Dynamic CEUS Imaging. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 1646-1660.	5.4	17
118	Improving the Robustness of ?Online Agglomerative Clustering Method? Based on Kernel-Induce Distance Measures. <i>Neural Processing Letters</i> , 2005, 21, 45-51.	2.0	16
119	Identification of Conversion from Normal Elderly Cognition to Alzheimerâ€™s Disease using Multimodal Support Vector Machine. <i>Journal of Alzheimer's Disease</i> , 2015, 47, 1057-1067.	1.2	16
120	ABCA7 Genotypes Confer Alzheimerâ€™s Disease Risk by Modulating Amyloid-Î² Pathology. <i>Journal of Alzheimer's Disease</i> , 2016, 52, 693-703.	1.2	16
121	Deep model-based feature extraction for predicting protein subcellular localizations from bio-images. <i>Frontiers of Computer Science</i> , 2017, 11, 243-252.	1.6	16
122	An Organelle Correlation-Guided Feature Selection Approach for Classifying Multi-Label Subcellular Bio-Images. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2018, 15, 828-838.	1.9	16
123	Confidence-Guided Sequential Label Fusion for Multi-atlas Based Segmentation. <i>Lecture Notes in Computer Science</i> , 2011, 14, 643-650.	1.0	16
124	Temporally-Constrained Group Sparse Learning for Longitudinal Data Analysis. <i>Lecture Notes in Computer Science</i> , 2012, 15, 264-271.	1.0	15
125	Brain Functional Interaction of Acupuncture Effects in Diarrhea-Dominant Irritable Bowel Syndrome. <i>Frontiers in Neuroscience</i> , 2020, 14, 608688.	1.4	15
126	Functional Connectivity Network Analysis with Discriminative Hub Detection for Brain Disease Identification. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , 2019, 33, 1198-1205.	3.6	14

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127	Impact of Common Variations in PLD3 on Neuroimaging Phenotypes in Non-demented Elders. <i>Molecular Neurobiology</i> , 2016, 53, 4343-4351.	1.9	13
128	Reliability-based robust multi-atlas label fusion for brain MRI segmentation. <i>Artificial Intelligence in Medicine</i> , 2019, 96, 12-24.	3.8	12
129	Hierarchical Structured Sparse Learning for Schizophrenia Identification. <i>Neuroinformatics</i> , 2020, 18, 43-57.	1.5	12
130	Functional Overlaps Exist in Neurological and Psychiatric Disorders: A Proof from Brain Network Analysis. <i>Neuroscience</i> , 2020, 425, 39-48.	1.1	12
131	Hierarchical Ensemble of Multi-level Classifiers for Diagnosis of Alzheimer's Disease. <i>Lecture Notes in Computer Science</i> , 2012, , 27-35.	1.0	12
132	Identifying High Order Brain Connectome Biomarkers via Learning on Hypergraph. <i>Lecture Notes in Computer Science</i> , 2016, 10019, 1-9.	1.0	11
133	Anatomical Pattern Analysis for Decoding Visual Stimuli in Human Brains. <i>Cognitive Computation</i> , 2018, 10, 284-295.	3.6	11
134	Tongue image segmentation via color decomposition and thresholding. <i>Concurrency Computation Practice and Experience</i> , 2019, 31, e4662.	1.4	11
135	Latent correlation embedded discriminative multi-modal data fusion. <i>Signal Processing</i> , 2020, 171, 107466.	2.1	11
136	Identifying Genetic Associations with MRI-derived Measures via Tree-Guided Sparse Learning. <i>Lecture Notes in Computer Science</i> , 2014, 17, 757-764.	1.0	11
137	Machine Learning Techniques for AD/MCI Diagnosis and Prognosis. <i>Intelligent Systems Reference Library</i> , 2014, , 147-179.	1.0	11
138	Multi-view dimensionality reduction via canonical random correlation analysis. <i>Frontiers of Computer Science</i> , 2016, 10, 856-869.	1.6	10
139	A novel node-level structure embedding and alignment representation of structural networks for brain disease analysis. <i>Medical Image Analysis</i> , 2020, 65, 101755.	7.0	10
140	Three-way parallel group independent component analysis: Fusion of spatial and spatiotemporal magnetic resonance imaging data. <i>Human Brain Mapping</i> , 2022, 43, 1280-1294.	1.9	10
141	Fast image compression using matrix K -L transform. <i>Neurocomputing</i> , 2005, 68, 258-266.	3.5	9
142	A New Discriminant Principal Component Analysis Method with Partial Supervision. <i>Neural Processing Letters</i> , 2009, 30, 103-112.	2.0	9
143	Identify Consistent Cross-Modality Imaging Genetic Patterns via Discriminant Sparse Canonical Correlation Analysis. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2021, 18, 1549-1561.	1.9	9
144	An effective recognition approach for contactless palmprint. <i>Visual Computer</i> , 2021, 37, 695-705.	2.5	9

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145	Non-negative Matrix Factorization on Kernels. , 2006, , 404-412.		9
146	Fuzzy-Kernel Learning Vector Quantization. Lecture Notes in Computer Science, 2004, , 180-185.	1.0	8
147	Adaptive Kernel Principal Component Analysis with Unsupervised Learning of Kernels. IEEE International Conference on Data Mining, 2006, , .	0.0	8
148	Multi-modal dimensionality reduction using effective distance. Neurocomputing, 2017, 259, 130-139.	3.5	8
149	Coherent Pattern in Multi-Layer Brain Networks: Application to Epilepsy Identification. IEEE Journal of Biomedical and Health Informatics, 2020, 24, 2609-2620.	3.9	8
150	Cross-spectral palmpoint recognition with low-rank canonical correlation analysis. Multimedia Tools and Applications, 2020, 79, 33771-33792.	2.6	8
151	Automatic estimation of morphological characteristics of proximal tibia for precise plate treatment using model matching. Computerized Medical Imaging and Graphics, 2020, 81, 101714.	3.5	8
152	Identify Complex Imaging Genetic Patterns via Fusion Self-Expressive Network Analysis. IEEE Transactions on Medical Imaging, 2021, 40, 1673-1686.	5.4	8
153	Unified Brain Network with Functional and Structural Data. Lecture Notes in Computer Science, 2020, , 114-123.	1.0	8
154	Multiband decomposition and spectral discriminative analysis for motor imagery BCI via deep neural network. Frontiers of Computer Science, 2022, 16, 1.	1.6	8
155	Recognizing Face or Object from a Single Image: Linear vs. Kernel Methods on 2D Patterns. Lecture Notes in Computer Science, 2006, , 889-897.	1.0	7
156	Diagnosis-Guided Multi-modal Feature Selection for Prognosis Prediction of Lung Squamous Cell Carcinoma. Lecture Notes in Computer Science, 2019, , 113-121.	1.0	7
157	Subnetwork mining on functional connectivity network for classification of minimal hepatic encephalopathy. Brain Imaging and Behavior, 2018, 12, 901-911.	1.1	6
158	Multimodal Brain Network Jointly Construction and Fusion for Diagnosis of Epilepsy. Frontiers in Neuroscience, 2021, 15, 734711.	1.4	6
159	fMRI-based Decoding of Visual Information from Human Brain Activity: A Brief Review. International Journal of Automation and Computing, 2021, 18, 170-184.	4.5	6
160	MultiCost: Multi-stage Cost-sensitive Classification of Alzheimer's Disease. Lecture Notes in Computer Science, 2011, , 344-351.	1.0	6
161	Identify connectome between genotypes and brain network phenotypes via deep self-reconstruction sparse canonical correlation analysis. Bioinformatics, 2022, 38, 2323-2332.	1.8	6
162	Pairwise feature-based generative adversarial network for incomplete multi-modal Alzheimer's disease diagnosis. Visual Computer, 2023, 39, 2235-2244.	2.5	6

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163	Sub-network Based Kernels for Brain Network Classification. , 2016, , .		5
164	TypeSeg: A type-aware encoder-decoder network for multi-type ultrasound images co-segmentation. Computer Methods and Programs in Biomedicine, 2022, 214, 106580.	2.6	5
165	Multi-Modal Non-Euclidean Brain Network Analysis With Community Detection and Convolutional Autoencoder. IEEE Transactions on Emerging Topics in Computational Intelligence, 2023, 7, 436-446.	3.4	5
166	Discriminative Multi-task Feature Selection for Multi-modality Based AD/MCI Classification. , 2015, , .		4
167	DIAGNOSIS-GUIDED METHOD FOR IDENTIFYING MULTI-MODALITY NEUROIMAGING BIOMARKERS ASSOCIATED WITH GENETIC RISK FACTORS IN ALZHEIMER'S DISEASE. , 2016, , .		4
168	Multi-Region Neural Representation: A novel model for decoding visual stimuli in human brains. , 2017, , 54-62.		4
169	Unsupervised Domain Adaptation for Multi-Center Autism Spectrum Disorder Identification. , 2019, , .		4
170	Adaptive feature weighting for robust Lp-norm sparse representation with application to biometric image classification. International Journal of Machine Learning and Cybernetics, 2020, 11, 463-474.	2.3	4
171	Irregular Respiratory Motion Compensation for Liver Contrast-Enhanced Ultrasound via Transport-Based Motion Estimation. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2021, 68, 1117-1130.	1.7	4
172	Temporal Information-Guided Generative Adversarial Networks for Stimuli Image Reconstruction From Human Brain Activities. IEEE Transactions on Cognitive and Developmental Systems, 2022, 14, 1104-1118.	2.6	4
173	Fs-Net: Filter Selection Network For Hyperspectral Reconstruction. , 2021, , .		4
174	Integrating Multiple Network Properties for MCI Identification. Lecture Notes in Computer Science, 2013, , 9-16.	1.0	4
175	Ensemble Universum SVM Learning for Multimodal Classification of Alzheimer's Disease. Lecture Notes in Computer Science, 2013, , 227-234.	1.0	4
176	Neural Decoding of Chinese Sign Language With Machine Learning for Brain-Computer Interfaces. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2021, 29, 2721-2732.	2.7	4
177	Multimodal Self-Paced Locality-Preserving Learning for Diagnosis of Alzheimer's Disease. IEEE Transactions on Cognitive and Developmental Systems, 2023, 15, 832-843.	2.6	4
178	Learning mid-perpendicular hyperplane similarity from cannot-link constraints. Neurocomputing, 2013, 113, 195-203.	3.5	3
179	Decoding Visual Stimuli in Human Brain by Using Anatomical Pattern Analysis on fMRI Images. Lecture Notes in Computer Science, 2016, , 47-57.	1.0	3
180	High-order boltzmann machine-based unsupervised feature learning for multi-atlas segmentation. , 2017, , .		3

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