

Dao-Qiang Zhang

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

208
papers

8,573
citations

40
h-index

89
g-index

231
ext. papers

10,397
ext. citations

4.7
avg, IF

6.54
L-index

#	Paper	IF	Citations
208	Multimodal classification of Alzheimer's disease and mild cognitive impairment. <i>NeuroImage</i> , 2011 , 55, 856-67	7.9	837
207	Fast and robust fuzzy c-means clustering algorithms incorporating local information for image segmentation. <i>Pattern Recognition</i> , 2007 , 40, 825-838	7.7	724
206	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, 1907-16		707
205	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	7.9	442
204	: Two-directional two-dimensional PCA for efficient face representation and recognition. <i>Neurocomputing</i> , 2005 , 69, 224-231	5.4	411
203	A novel kernelized fuzzy C-means algorithm with application in medical image segmentation. <i>Artificial Intelligence in Medicine</i> , 2004 , 32, 37-50	7.4	361
202	Identification of MCI individuals using structural and functional connectivity networks. <i>NeuroImage</i> , 2012 , 59, 2045-56	7.9	291
201	Ensemble sparse classification of Alzheimer's disease. <i>NeuroImage</i> , 2012 , 60, 1106-16	7.9	227
200	Clustering Incomplete Data Using Kernel-Based Fuzzy C-means Algorithm. <i>Neural Processing Letters</i> , 2003 , 18, 155-162	2.4	198
199	Predicting future clinical changes of MCI patients using longitudinal and multimodal biomarkers. <i>PLoS ONE</i> , 2012 , 7, e33182	3.7	181
198	Semi-Supervised Dimensionality Reduction 2007 ,		179
197	Constraint Score: A new filter method for feature selection with pairwise constraints. <i>Pattern Recognition</i> , 2008 , 41, 1440-1451	7.7	137
196	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	2.7	124
195	Relationship Induced Multi-Template Learning for Diagnosis of Alzheimer's Disease and Mild Cognitive Impairment. <i>IEEE Transactions on Medical Imaging</i> , 2016 , 35, 1463-74	11.7	120
194	Enhanced (PC)2A for face recognition with one training image per person. <i>Pattern Recognition Letters</i> , 2004 , 25, 1173-1181	4.7	111
193	Domain Transfer Learning for MCI Conversion Prediction. <i>IEEE Transactions on Biomedical Engineering</i> , 2015 , 62, 1805-1817	5	101
192	A generative probability model of joint label fusion for multi-atlas based brain segmentation. <i>Medical Image Analysis</i> , 2014 , 18, 881-90	15.4	93

191	Manifold regularized multitask feature learning for multimodality disease classification. <i>Human Brain Mapping</i> , 2015 , 36, 489-507	5.9	90
190	Integration of network topological and connectivity properties for neuroimaging classification. <i>IEEE Transactions on Biomedical Engineering</i> , 2014 , 61, 576-89	5	89
189	Diagonal principal component analysis for face recognition. <i>Pattern Recognition</i> , 2006 , 39, 140-142	7.7	89
188	Hierarchical fusion of features and classifier decisions for Alzheimer's disease diagnosis. <i>Human Brain Mapping</i> , 2014 , 35, 1305-19	5.9	88
187	. <i>IEEE Transactions on Reliability</i> , 2014 , 63, 676-686	4.6	85
186	Semi-supervised clustering with metric learning: An adaptive kernel method. <i>Pattern Recognition</i> , 2010 , 43, 1320-1333	7.7	80
185	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	7.2	80
184	Topological graph kernel on multiple thresholded functional connectivity networks for mild cognitive impairment classification. <i>Human Brain Mapping</i> , 2014 , 35, 2876-97	5.9	77
183	View-centralized multi-atlas classification for Alzheimer's disease diagnosis. <i>Human Brain Mapping</i> , 2015 , 36, 1847-65	5.9	74
182	Feature extraction approaches based on matrix pattern: MatPCA and MatFLDA. <i>Pattern Recognition Letters</i> , 2005 , 26, 1157-1167	4.7	71
181	Hyper-connectivity of functional networks for brain disease diagnosis. <i>Medical Image Analysis</i> , 2016 , 32, 84-100	15.4	65
180	. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2011 , 8, 369-373	4.1	65
179	Pairwise Constraint-Guided Sparse Learning for Feature Selection. <i>IEEE Transactions on Cybernetics</i> , 2016 , 46, 298-310	10.2	64
178	Inherent Structure-Based Multiview Learning With Multitemplate Feature Representation for Alzheimer's Disease Diagnosis. <i>IEEE Transactions on Biomedical Engineering</i> , 2016 , 63, 1473-82	5	64
177	A New Canonical Correlation Analysis Algorithm with Local Discrimination. <i>Neural Processing Letters</i> , 2010 , 31, 1-15	2.4	58
176	Joint Binary Classifier Learning for ECOC-Based Multi-Class Classification. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2016 , 38, 2335-2341	13.3	56
175	Identifying Autism Spectrum Disorder With Multi-Site fMRI via Low-Rank Domain Adaptation. <i>IEEE Transactions on Medical Imaging</i> , 2020 , 39, 644-655	11.7	56
174	Multimodal manifold-regularized transfer learning for MCI conversion prediction. <i>Brain Imaging and Behavior</i> , 2015 , 9, 913-26	4.1	52

173	marginFace: A novel face recognition method by average neighborhood margin maximization. <i>Pattern Recognition</i> , 2009 , 42, 2863-2875	7.7	49
172	Label-aligned multi-task feature learning for multimodal classification of Alzheimer's disease and mild cognitive impairment. <i>Brain Imaging and Behavior</i> , 2016 , 10, 1148-1159	4.1	45
171	Multi-Domain Transfer Learning for Early Diagnosis of Alzheimer's Disease. <i>Neuroinformatics</i> , 2017 , 15, 115-132	3.2	43
170	Comments on "Efficient and Robust Feature Extraction by Maximum Margin Criterion. <i>IEEE Transactions on Neural Networks</i> , 2007 , 18, 1862-1864		43
169	Sub-Network Kernels for Measuring Similarity of Brain Connectivity Networks in Disease Diagnosis. <i>IEEE Transactions on Image Processing</i> , 2018 , 27, 2340-2353	8.7	42
168	A Survey on Deep Learning for Neuroimaging-Based Brain Disorder Analysis. <i>Frontiers in Neuroscience</i> , 2020 , 14, 779	5.1	40
167	Identification of associations between genotypes and longitudinal phenotypes via temporally-constrained group sparse canonical correlation analysis. <i>Bioinformatics</i> , 2017 , 33, i341-i349	7.2	39
166	Temporally Constrained Group Sparse Learning for Longitudinal Data Analysis in Alzheimer's Disease. <i>IEEE Transactions on Biomedical Engineering</i> , 2017 , 64, 238-249	5	37
165	A New Locality-Preserving Canonical Correlation Analysis Algorithm for Multi-View Dimensionality Reduction. <i>Neural Processing Letters</i> , 2013 , 37, 135-146	2.4	36
164	A multiobjective simultaneous learning framework for clustering and classification. <i>IEEE Transactions on Neural Networks</i> , 2010 , 21, 185-200		36
163	Bagging Constraint Score for feature selection with pairwise constraints. <i>Pattern Recognition</i> , 2010 , 43, 2106-2118	7.7	36
162	Pattern representation in feature extraction and classifier design: matrix versus vector. <i>IEEE Transactions on Neural Networks</i> , 2008 , 19, 758-69		36
161	Multiple Effect of APOE Genotype on Clinical and Neuroimaging Biomarkers Across Alzheimer's Disease Spectrum. <i>Molecular Neurobiology</i> , 2016 , 53, 4539-47	6.2	35
160	Multi-modal neuroimaging feature selection with consistent metric constraint for diagnosis of Alzheimer's disease. <i>Medical Image Analysis</i> , 2020 , 60, 101625	15.4	35
159	Sparse Patch-Based Label Fusion for Multi-Atlas Segmentation. <i>Lecture Notes in Computer Science</i> , 2012 , 94-102	0.9	33
158	Learning the kernel parameters in kernel minimum distance classifier. <i>Pattern Recognition</i> , 2006 , 39, 133-135	7.7	32
157	Association between NME8 locus polymorphism and cognitive decline, cerebrospinal fluid and neuroimaging biomarkers in Alzheimer's disease. <i>PLoS ONE</i> , 2014 , 9, e114777	3.7	31
156	Network-based classification of ADHD patients using discriminative subnetwork selection and graph kernel PCA. <i>Computerized Medical Imaging and Graphics</i> , 2016 , 52, 82-88	7.6	31

155	Discriminative multi-task feature selection for multi-modality classification of Alzheimer's disease. <i>Brain Imaging and Behavior</i> , 2016 , 10, 739-49	4.1	30
154	Spatial-Temporal Dependency Modeling and Network Hub Detection for Functional MRI Analysis via Convolutional-Recurrent Network. <i>IEEE Transactions on Biomedical Engineering</i> , 2020 , 67, 2241-2252	5	30
153	Domain transfer learning for MCI conversion prediction. <i>Lecture Notes in Computer Science</i> , 2012 , 15, 82-90	0.9	29
152	Semisupervised kernel matrix learning by kernel propagation. <i>IEEE Transactions on Neural Networks</i> , 2010 , 21, 1831-41		29
151	Robust multi-label transfer feature learning for early diagnosis of Alzheimer's disease. <i>Brain Imaging and Behavior</i> , 2019 , 13, 138-153	4.1	29
150	Feature selection with effective distance. <i>Neurocomputing</i> , 2016 , 215, 100-109	5.4	28
149	Non-negative Matrix Factorization on Kernels. <i>Lecture Notes in Computer Science</i> , 2006 , 404-412	0.9	26
148	Bridging Integrator 1 (BIN1) Genotypes Mediate Alzheimer's Disease Risk by Altering Neuronal Degeneration. <i>Journal of Alzheimer's Disease</i> , 2016 , 52, 179-90	4.3	26
147	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	4.9	25
146	A novel ensemble construction method for multi-view data using random cross-view correlation between within-class examples. <i>Pattern Recognition</i> , 2011 , 44, 1162-1171	7.7	25
145	A simultaneous learning framework for clustering and classification. <i>Pattern Recognition</i> , 2009 , 42, 1248-1259	7.59	25
144	SPARSITY SCORE: A NOVEL GRAPH-PRESERVING FEATURE SELECTION METHOD. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , 2014 , 28, 1450009	1.1	24
143	Robust multi-atlas label propagation by deep sparse representation. <i>Pattern Recognition</i> , 2017 , 63, 511-517	5.17	23
142	Manifold regularized multi-task feature selection for multi-modality classification in Alzheimer's disease. <i>Lecture Notes in Computer Science</i> , 2013 , 16, 275-83	0.9	22
141	Ordinal Pattern: A New Descriptor for Brain Connectivity Networks. <i>IEEE Transactions on Medical Imaging</i> , 2018 , 37, 1711-1722	11.7	20
140	Frequent and discriminative subnetwork mining for mild cognitive impairment classification. <i>Brain Connectivity</i> , 2014 , 4, 347-60	2.7	20
139	Locality sensitive C-means clustering algorithms. <i>Neurocomputing</i> , 2010 , 73, 2935-2943	5.4	20
138	Integrative Analysis of Pathological Images and Multi-Dimensional Genomic Data for Early-Stage Cancer Prognosis. <i>IEEE Transactions on Medical Imaging</i> , 2020 , 39, 99-110	11.7	20

137	Multi-task exclusive relationship learning for alzheimer's disease progression prediction with longitudinal data. <i>Medical Image Analysis</i> , 2019 , 53, 111-122	15.4	19
136	Canonical sparse cross-view correlation analysis. <i>Neurocomputing</i> , 2016 , 191, 263-272	5.4	19
135	Effect of EPHA1 genetic variation on cerebrospinal fluid and neuroimaging biomarkers in healthy, mild cognitive impairment and Alzheimer's disease cohorts. <i>Journal of Alzheimer's Disease</i> , 2015 , 44, 115-23	4.3	19
134	Semi-supervised multimodal classification of alzheimer's disease 2011 ,		19
133	Semi-supervised multimodal relevance vector regression improves cognitive performance estimation from imaging and biological biomarkers. <i>Neuroinformatics</i> , 2013 , 11, 339-53	3.2	18
132	Identifying informative imaging biomarkers via tree structured sparse learning for AD diagnosis. <i>Neuroinformatics</i> , 2014 , 12, 381-94	3.2	18
131	Robust fuzzy relational classifier incorporating the soft class labels. <i>Pattern Recognition Letters</i> , 2007 , 28, 2250-2263	4.7	18
130	EFFICIENT PSEUDOINVERSE LINEAR DISCRIMINANT ANALYSIS AND ITS NONLINEAR FORM FOR FACE RECOGNITION. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , 2007 , 21, 1265-1278	1.1	18
129	A comment on Alternative c-means clustering algorithms <i>Pattern Recognition</i> , 2004 , 37, 173-174	7.7	17
128	A Learning-Based CT Prostate Segmentation Method via Joint Transductive Feature Selection and Regression. <i>Neurocomputing</i> , 2016 , 173, 317-331	5.4	15
127	Common Variants in PLD3 and Correlation to Amyloid-Related Phenotypes in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2015 , 46, 491-5	4.3	15
126	Improving the Robustness of Online Agglomerative Clustering Method Based on Kernel-Induce Distance Measures. <i>Neural Processing Letters</i> , 2005 , 21, 45-51	2.4	15
125	Brain connectivity hyper-network for MCI classification. <i>Lecture Notes in Computer Science</i> , 2014 , 17, 724-32	0.9	15
124	Tree-guided sparse coding for brain disease classification. <i>Lecture Notes in Computer Science</i> , 2012 , 15, 239-47	0.9	15
123	Iterative Laplacian Score for Feature Selection. <i>Communications in Computer and Information Science</i> , 2012 , 80-87	0.3	15
122	Hypergraph based multi-task feature selection for multimodal classification of Alzheimer's disease. <i>Computerized Medical Imaging and Graphics</i> , 2020 , 80, 101663	7.6	15
121	High-order Feature Learning for Multi-atlas based Label Fusion: Application to Brain Segmentation with MRI. <i>IEEE Transactions on Image Processing</i> , 2019 ,	8.7	15
120	Two-Dimensional Non-negative Matrix Factorization for Face Representation and Recognition. <i>Lecture Notes in Computer Science</i> , 2005 , 350-363	0.9	15

119	Identifying Multimodal Intermediate Phenotypes Between Genetic Risk Factors and Disease Status in Alzheimer's Disease. <i>Neuroinformatics</i> , 2016 , 14, 439-52	3.2	14
118	Identifying disease-related subnetwork connectome biomarkers by sparse hypergraph learning. <i>Brain Imaging and Behavior</i> , 2019 , 13, 879-892	4.1	14
117	Representing Image Matrices: Eigenimages Versus Eigenvectors. <i>Lecture Notes in Computer Science</i> , 2005 , 659-664	0.9	14
116	Low-Rank Representation for Multi-center Autism Spectrum Disorder Identification. <i>Lecture Notes in Computer Science</i> , 2018 , 11070, 647-654	0.9	14
115	Semi-supervised Kernel-Based Fuzzy C-Means. <i>Lecture Notes in Computer Science</i> , 2004 , 1229-1234	0.9	13
114	Confidence-guided sequential label fusion for multi-atlas based segmentation. <i>Lecture Notes in Computer Science</i> , 2011 , 14, 643-50	0.9	13
113	Temporally-constrained group sparse learning for longitudinal data analysis. <i>Lecture Notes in Computer Science</i> , 2012 , 15, 264-71	0.9	13
112	Anatomical Attention Guided Deep Networks for ROI Segmentation of Brain MR Images. <i>IEEE Transactions on Medical Imaging</i> , 2020 , 39, 2000-2012	11.7	13
111	ABCA7 Genotypes Confer Alzheimer's Disease Risk by Modulating Amyloid- β Pathology. <i>Journal of Alzheimer's Disease</i> , 2016 , 52, 693-703	4.3	13
110	Discovering network phenotype between genetic risk factors and disease status via diagnosis-aligned multi-modality regression method in Alzheimer's disease. <i>Bioinformatics</i> , 2019 , 35, 1948-1957	7.2	13
109	Deep active learning for nucleus classification in pathology images 2018 ,		12
108	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	5.1	12
107	Hierarchical Ensemble of Multi-level Classifiers for Diagnosis of Alzheimer's Disease. <i>Lecture Notes in Computer Science</i> , 2012 , 27-35	0.9	12
106	Topological correction of infant white matter surfaces using anatomically constrained convolutional neural network. <i>NeuroImage</i> , 2019 , 198, 114-124	7.9	11
105	Cognitive Workload Recognition Using EEG Signals and Machine Learning: A Review. <i>IEEE Transactions on Cognitive and Developmental Systems</i> , 2021 , 1-1	3	11
104	Ordinal Multi-modal Feature Selection for Survival Analysis of Early-Stage Renal Cancer. <i>Lecture Notes in Computer Science</i> , 2018 , 648-656	0.9	11
103	Deep model-based feature extraction for predicting protein subcellular localizations from bio-images. <i>Frontiers of Computer Science</i> , 2017 , 11, 243-252	2.2	10
102	Multi-modal AD classification via self-paced latent correlation analysis. <i>Neurocomputing</i> , 2019 , 355, 143-154	3.4	10

101	Impact of Common Variations in PLD3 on Neuroimaging Phenotypes in Non-demented Elders. <i>Molecular Neurobiology</i> , 2016 , 53, 4343-51	6.2	10
100	Identifying genetic associations with MRI-derived measures via tree-guided sparse learning. <i>Lecture Notes in Computer Science</i> , 2014 , 17, 757-64	0.9	10
99	Multi-view dimensionality reduction via canonical random correlation analysis. <i>Frontiers of Computer Science</i> , 2016 , 10, 856-869	2.2	10
98	Human cell structure-driven model construction for predicting protein subcellular location from biological images. <i>Bioinformatics</i> , 2016 , 32, 114-21	7.2	9
97	Identification of Conversion from Normal Elderly Cognition to Alzheimer's Disease using Multimodal Support Vector Machine. <i>Journal of Alzheimer's Disease</i> , 2015 , 47, 1057-67	4.3	9
96	Weighted Spectral Cluster Ensemble 2015 ,		9
95	Brain Functional Interaction of Acupuncture Effects in Diarrhea-Dominant Irritable Bowel Syndrome. <i>Frontiers in Neuroscience</i> , 2020 , 14, 608688	5.1	9
94	Multi-task multi-modal learning for joint diagnosis and prognosis of human cancers. <i>Medical Image Analysis</i> , 2020 , 65, 101795	15.4	9
93	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	5	8
92	Anatomical Pattern Analysis for Decoding Visual Stimuli in Human Brains. <i>Cognitive Computation</i> , 2018 , 10, 284-295	4.4	8
91	Structural-profiling of low molecular weight RNAs by nanopore trapping/translocation using Mycobacterium smegmatis porin A. <i>Nature Communications</i> , 2021 , 12, 3368	17.4	8
90	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	11.7	8
89	Non-negative Matrix Factorization on Kernels 2006 , 404		8
88	A New Discriminant Principal Component Analysis Method with Partial Supervision. <i>Neural Processing Letters</i> , 2009 , 30, 103-112	2.4	7
87	Adaptive Kernel Principal Component Analysis with Unsupervised Learning of Kernels. <i>IEEE International Conference on Data Mining</i> , 2006 ,		7
86	Fuzzy-Kernel Learning Vector Quantization. <i>Lecture Notes in Computer Science</i> , 2004 , 180-185	0.9	7
85	Fuzzy clustering using kernel method		7
84	Machine Learning Techniques for AD/MCI Diagnosis and Prognosis. <i>Intelligent Systems Reference Library</i> , 2014 , 147-179	0.8	7

83	Recognizing Face or Object from a Single Image: Linear vs. Kernel Methods on 2D Patterns. <i>Lecture Notes in Computer Science</i> , 2006 , 889-897	0.9	7
82	Multi-modal dimensionality reduction using effective distance. <i>Neurocomputing</i> , 2017 , 259, 130-139	5.4	6
81	Fast image compression using matrix K Π transform. <i>Neurocomputing</i> , 2005 , 68, 258-266	5.4	6
80	Diagnosis-Guided Multi-modal Feature Selection for Prognosis Prediction of Lung Squamous Cell Carcinoma. <i>Lecture Notes in Computer Science</i> , 2019 , 113-121	0.9	6
79	Functional Overlaps Exist in Neurological and Psychiatric Disorders: A Proof from Brain Network Analysis. <i>Neuroscience</i> , 2020 , 425, 39-48	3.9	6
78	Gait acquisition and analysis system for osteoarthritis based on hybrid prediction model. <i>Computerized Medical Imaging and Graphics</i> , 2020 , 85, 101782	7.6	6
77	Tongue image segmentation via color decomposition and thresholding. <i>Concurrency Computation Practice and Experience</i> , 2019 , 31, e4662	1.4	6
76	Latent correlation embedded discriminative multi-modal data fusion. <i>Signal Processing</i> , 2020 , 171, 1074664	4.4	5
75	Subnetwork mining on functional connectivity network for classification of minimal hepatic encephalopathy. <i>Brain Imaging and Behavior</i> , 2018 , 12, 901-911	4.1	5
74	ASMFS: Adaptive-similarity-based multi-modality feature selection for classification of Alzheimer's disease. <i>Pattern Recognition</i> , 2022 , 126, 108566	7.7	5
73	Cross-spectral palmprint recognition with low-rank canonical correlation analysis. <i>Multimedia Tools and Applications</i> , 2020 , 79, 33771-33792	2.5	5
72	Hierarchical Temporal Attention Network for Thyroid Nodule Recognition Using Dynamic CEUS Imaging. <i>IEEE Transactions on Medical Imaging</i> , 2021 , 40, 1646-1660	11.7	5
71	Identifying High Order Brain Connectome Biomarkers via Learning on Hypergraph. <i>Lecture Notes in Computer Science</i> , 2016 , 10019, 1-9	0.9	5
70	An effective recognition approach for contactless palmprint. <i>Visual Computer</i> , 2021 , 37, 695-705	2.3	5
69	Automatic estimation of morphological characteristics of proximal tibia for precise plate treatment using model matching. <i>Computerized Medical Imaging and Graphics</i> , 2020 , 81, 101714	7.6	4
68	Multi-Region Neural Representation: A novel model for decoding visual stimuli in human brains 2017 , 54-62		4
67	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	3	4
66	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 ³ 1561 ⁴		4

65	Discriminative Multi-task Feature Selection for Multi-modality Based AD/MCI Classification 2015 ,		4
64	Hybrid neural network and C4.5 for misuse detection		4
63	Cross-task Cognitive Workload Recognition Based on EEG and Domain Adaptation.. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2022 , PP,	4.8	4
62	Ensemble Universum SVM Learning for Multimodal Classification of Alzheimer's Disease. <i>Lecture Notes in Computer Science</i> , 2013 , 227-234	0.9	4
61	MultiCost: Multi-stage Cost-sensitive Classification of Alzheimer's Disease. <i>Lecture Notes in Computer Science</i> , 2011 , 344-351	0.9	4
60	Towards evaluating the robustness of deep diagnostic models by adversarial attack. <i>Medical Image Analysis</i> , 2021 , 69, 101977	15.4	4
59	Sub-network Based Kernels for Brain Network Classification 2016 ,		4
58	Hierarchical Structured Sparse Learning for Schizophrenia Identification. <i>Neuroinformatics</i> , 2020 , 18, 43-57	3.2	4
57	Adaptive feature weighting for robust Lp-norm sparse representation with application to biometric image classification. <i>International Journal of Machine Learning and Cybernetics</i> , 2020 , 11, 463-474	3.8	4
56	Reliability-based robust multi-atlas label fusion for brain MRI segmentation. <i>Artificial Intelligence in Medicine</i> , 2019 , 96, 12-24	7.4	3
55	A novel node-level structure embedding and alignment representation of structural networks for brain disease analysis. <i>Medical Image Analysis</i> , 2020 , 65, 101755	15.4	3
54	Decoding Visual Stimuli in Human Brain by Using Anatomical Pattern Analysis on fMRI Images. <i>Lecture Notes in Computer Science</i> , 2016 , 47-57	0.9	3
53	Multi-modality feature selection with adaptive similarity learning for classification of Alzheimer's disease 2018 ,		3
52	Unified Brain Network with Functional and Structural Data. <i>Lecture Notes in Computer Science</i> , 2020 , 114-123	0.9	3
51	Integrating Multiple Network Properties for MCI Identification. <i>Lecture Notes in Computer Science</i> , 2013 , 9-16	0.9	3
50	Sparse Multimodal Manifold-Regularized Transfer Learning for MCI Conversion Prediction. <i>Lecture Notes in Computer Science</i> , 2013 , 251-259	0.9	3
49	Local Discriminant Hyperalignment for multi-subject fMRI data alignment		3
48	Predicting Clinical Scores Using Semi-supervised Multimodal Relevance Vector Regression. <i>Lecture Notes in Computer Science</i> , 2011 , 241-248	0.9	3

47	Minimizing joint risk of mislabeling for iterative Patch-based label fusion. <i>Lecture Notes in Computer Science</i> , 2013 , 16, 551-8	0.9	3
46	Learning mid-perpendicular hyperplane similarity from cannot-link constraints. <i>Neurocomputing</i> , 2013 , 113, 195-203	5.4	2
45	High-order boltzmann machine-based unsupervised feature learning for multi-atlas segmentation 2017 ,		2
44	Coherent Pattern in Multi-Layer Brain Networks: Application to Epilepsy Identification. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2020 , 24, 2609-2620	7.2	2
43	Deep Representational Similarity Learning for Analyzing Neural Signatures in Task-based fMRI Dataset. <i>Neuroinformatics</i> , 2021 , 19, 417-431	3.2	2
42	Modeling dynamic characteristics of brain functional connectivity networks using resting-state functional MRI. <i>Medical Image Analysis</i> , 2021 , 71, 102063	15.4	2
41	Manifold Learning of COPD. <i>Lecture Notes in Computer Science</i> , 2017 , 10435, 46-54	0.9	1
40	CEUS-Net: Lesion Segmentation in Dynamic Contrast-Enhanced Ultrasound with Feature-Reweighted Attention Mechanism 2020 ,		1
39	Supervised Hyperalignment for Multisubject fMRI Data Alignment. <i>IEEE Transactions on Cognitive and Developmental Systems</i> , 2020 , 1-1	3	1
38	Multi-modality Feature Learning in Diagnoses of Alzheimer's Disease. <i>Intelligent Systems Reference Library</i> , 2018 , 3-30	0.8	1
37	Multi-Objective Cognitive Model: a Supervised Approach for Multi-subject fMRI Analysis. <i>Neuroinformatics</i> , 2019 , 17, 197-210	3.2	1
36	Combining Multiple Network Features for Mild Cognitive Impairment Classification 2014 ,		1
35	Enhanced fuzzy relational classifier with representative training samples 2007 ,		1
34	Robust image denoising using kernel-induced measures 2004 ,		1
33	Three-way parallel group independent component analysis: Fusion of spatial and spatiotemporal magnetic resonance imaging data. <i>Human Brain Mapping</i> , 2021 ,	5.9	1
32	Gradient Hyperalignment for Multi-subject fMRI Data Alignment. <i>Lecture Notes in Computer Science</i> , 2018 , 1058-1068	0.9	1
31	Multi-modality Low-Rank Learning Fused First-Order and Second-Order Information for Computer-Aided Diagnosis of Schizophrenia. <i>Lecture Notes in Computer Science</i> , 2019 , 356-368	0.9	1
30	Constructing High-Order Dynamic Functional Connectivity Networks from Resting-State fMRI for Brain Dementia Identification. <i>Lecture Notes in Computer Science</i> , 2020 , 303-311	0.9	1

29	Inherent Structure-Guided Multi-view Learning for Alzheimer's Disease and Mild Cognitive Impairment Classification. <i>Lecture Notes in Computer Science</i> , 2015 , 9352, 296-303	0.9	1
28	Multimodal Multi-label Transfer Learning for Early Diagnosis of Alzheimer's Disease. <i>Lecture Notes in Computer Science</i> , 2015 , 238-245	0.9	1
27	Predicting Response to Group Cognitive Behavioral Therapy in Asthma by a Small Number of Abnormal Resting-State Functional Connections. <i>Frontiers in Neuroscience</i> , 2020 , 14, 575771	5.1	1
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