Dao-Qiang Zhang

List of Publications by Year in Descending Order

208	8,573	40	89
papers	citations	h-index	g-index
231	10,397	4.7	6.54
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
208	Cross-task Cognitive Workload Recognition Based on EEG and Domain Adaptation.. *IEEE Transactions on Neural Systems and Rehabilitation Engineering*, **2022**, PP,	4.8	4
207	ASMFS: Adaptive-similarity-based multi-modality feature selection for classification of Alzheimer's disease. *Pattern Recognition*, **2022**, 126, 108566	7.7	5
206	Multiband decomposition and spectral discriminative analysis for motor imagery BCI via deep neural network. *Frontiers of Computer Science*, **2022**, 16, 1	2.2	1
205	Multi-Modal Non-Euclidean Brain Network Analysis With Community Detection and Convolutional Autoencoder. *IEEE Transactions on Emerging Topics in Computational Intelligence*, **2022**, 1-11	4.1	1
204	A Cognitive Driven Ordinal Preservation for Multi-Modal Imbalanced Brain Disease Diagnosis. *IEEE Transactions on Cognitive and Developmental Systems*, **2022**, 1-1	3	0
203	Identify Consistent Cross-Modality Imaging Genetic Patterns via Discriminant Sparse Canonical Correlation Analysis. *IEEE/ACM Transactions on Computational Biology and Bioinformatics*, **2021**, 18, 1549-1561	3	4
202	Three-way parallel group independent component analysis: Fusion of spatial and spatiotemporal magnetic resonance imaging data. *Human Brain Mapping*, **2021**,	5.9	1
201	TypeSeg: A type-aware encoder-decoder network for multi-type ultrasound images co-segmentation.. *Computer Methods and Programs in Biomedicine*, **2021**, 214, 106580	6.9	0
200	GACDN: generative adversarial feature completion and diagnosis network for COVID-19. *BMC Medical Imaging*, **2021**, 21, 154	2.9	0
199	Detecting differential transcript usage across multiple conditions for RNA-seq data based on the smoothed LDA model. *Frontiers of Computer Science*, **2021**, 15, 1	2.2	0
198	Deep Representational Similarity Learning for Analyzing Neural Signatures in Task-based fMRI Dataset. *Neuroinformatics*, **2021**, 19, 417-431	3.2	2
197	Towards evaluating the robustness of deep diagnostic models by adversarial attack. *Medical Image Analysis*, **2021**, 69, 101977	15.4	4
196	Kernel based statistic: identifying topological differences in brain networks. *Intelligent Medicine*, **2021**, 2, 30-30		1
195	Identify Complex Imaging Genetic Patterns via Fusion Self-Expressive Network Analysis. *IEEE Transactions on Medical Imaging*, **2021**, 40, 1673-1686	11.7	0
194	Structural-profiling of low molecular weight RNAs by nanopore trapping/translocation using Mycobacterium smegmatis porin A. *Nature Communications*, **2021**, 12, 3368	17.4	8
193	Hierarchical Temporal Attention Network for Thyroid Nodule Recognition Using Dynamic CEUS Imaging. *IEEE Transactions on Medical Imaging*, **2021**, 40, 1646-1660	11.7	5
192	Modeling dynamic characteristics of brain functional connectivity networks using resting-state functional MRI. *Medical Image Analysis*, **2021**, 71, 102063	15.4	2

#	Title		
191	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	3.2	0
190	An effective recognition approach for contactless palmprint. *Visual Computer*, **2021**, 37, 695-705	2.3	5
189	Temporal Information Guided Generative Adversarial Networks for Stimuli Image Reconstruction from Human Brain Activities. *IEEE Transactions on Cognitive and Developmental Systems*, **2021**, 1-1	3	0
188	Cognitive Workload Recognition Using EEG Signals and Machine Learning: A Review. *IEEE Transactions on Cognitive and Developmental Systems*, **2021**, 1-1	3	11
187	An Empirical Comparative Study on the Two Methods of Eliciting Singers' Emotions in Singing: Self-Imagination and VR Training. *Frontiers in Neuroscience*, **2021**, 15, 693468	5.1	1
186	Fs-Net: Filter Selection Network For Hyperspectral Reconstruction **2021**,		1
185	Guest Editorial Multi-Modal Computing for Biomedical Intelligence Systems. *IEEE Journal of Biomedical and Health Informatics*, **2021**, 25, 3256-3257	7.2	
184	Dual Attention Multi-Instance Deep Learning for Alzheimer's Disease Diagnosis With Structural MRI. *IEEE Transactions on Medical Imaging*, **2021**, 40, 2354-2366	11.7	8
183	Multimodal Brain Network Jointly Construction and Fusion for Diagnosis of Epilepsy. *Frontiers in Neuroscience*, **2021**, 15, 734711	5.1	1
182	Visual-guided attentive attributes embedding for zero-shot learning. *Neural Networks*, **2021**, 143, 709-718	9.1	
181	fMRI-based Decoding of Visual Information from Human Brain Activity: A Brief Review. *International Journal of Automation and Computing*, **2021**, 18, 170-184	3.5	0
180	CEUS-Net: Lesion Segmentation in Dynamic Contrast-Enhanced Ultrasound with Feature-Reweighted Attention Mechanism **2020**,		1
179	A novel node-level structure embedding and alignment representation of structural networks for brain disease analysis. *Medical Image Analysis*, **2020**, 65, 101755	15.4	3
178	Supervised Hyperalignment for Multisubject fMRI Data Alignment. *IEEE Transactions on Cognitive and Developmental Systems*, **2020**, 1-1	3	1
177	Latent correlation embedded discriminative multi-modal data fusion. *Signal Processing*, **2020**, 171, 107466	4.4	5
176	Automatic estimation of morphological characteristics of proximal tibia for precise plate treatment using model matching. *Computerized Medical Imaging and Graphics*, **2020**, 81, 101714	7.6	4
175	Brain Functional Interaction of Acupuncture Effects in Diarrhea-Dominant Irritable Bowel Syndrome. *Frontiers in Neuroscience*, **2020**, 14, 608688	5.1	9
174	Unified Brain Network with Functional and Structural Data. *Lecture Notes in Computer Science*, **2020**, 114-123	0.9	3

173	Constructing High-Order Dynamic Functional Connectivity Networks from Resting-State fMRI for Brain Dementia Identification. *Lecture Notes in Computer Science*, **2020**, 303-311	0.9	1
172	Identifying Autism Spectrum Disorder With Multi-Site fMRI via Low-Rank Domain Adaptation. *IEEE Transactions on Medical Imaging*, **2020**, 39, 644-655	11.7	56
171	Coherent Pattern in Multi-Layer Brain Networks: Application to Epilepsy Identification. *IEEE Journal of Biomedical and Health Informatics*, **2020**, 24, 2609-2620	7.2	2
170	Anatomical Attention Guided Deep Networks for ROI Segmentation of Brain MR Images. *IEEE Transactions on Medical Imaging*, **2020**, 39, 2000-2012	11.7	13
169	Hypergraph based multi-task feature selection for multimodal classification of Alzheimer's disease. *Computerized Medical Imaging and Graphics*, **2020**, 80, 101663	7.6	15
168	Cross-spectral palmprint recognition with low-rank canonical correlation analysis. *Multimedia Tools and Applications*, **2020**, 79, 33771-33792	2.5	5
167	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	5	30
166	Multi-modal neuroimaging feature selection with consistent metric constraint for diagnosis of Alzheimer's disease. *Medical Image Analysis*, **2020**, 60, 101625	15.4	35
165	Functional Overlaps Exist in Neurological and Psychiatric Disorders: A Proof from Brain Network Analysis. *Neuroscience*, **2020**, 425, 39-48	3.9	6
164	Gait acquisition and analysis system for osteoarthritis based on hybrid prediction model. *Computerized Medical Imaging and Graphics*, **2020**, 85, 101782	7.6	6
163	A Survey on Deep Learning for Neuroimaging-Based Brain Disorder Analysis. *Frontiers in Neuroscience*, **2020**, 14, 779	5.1	40
162	Predicting Response to Group Cognitive Behavioral Therapy in Asthma by a Small Number of Abnormal Resting-State Functional Connections. *Frontiers in Neuroscience*, **2020**, 14, 575771	5.1	1
161	Multi-task multi-modal learning for joint diagnosis and prognosis of human cancers. *Medical Image Analysis*, **2020**, 65, 101795	15.4	9
160	Adaptive Feature Selection Guided Deep Forest for COVID-19 Classification With Chest CT. *IEEE Journal of Biomedical and Health Informatics*, **2020**, 24, 2798-2805	7.2	80
159	IEEE Access Special Section Editorial: Scalable Deep Learning for Big Data. *IEEE Access*, **2020**, 8, 216617-216621	3.9	1
158	Integrative Analysis of Pathological Images and Multi-Dimensional Genomic Data for Early-Stage Cancer Prognosis. *IEEE Transactions on Medical Imaging*, **2020**, 39, 99-110	11.7	20
157	Hierarchical Structured Sparse Learning for Schizophrenia Identification. *Neuroinformatics*, **2020**, 18, 43-57	3.2	4
156	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	3.8	4

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155	Functional Connectivity Network Analysis with Discriminative Hub Detection for Brain Disease Identification. *Proceedings of the AAAI Conference on Artificial Intelligence*, **2019**, 33, 1198-1205	5	8
154	Multi-task exclusive relationship learning for alzheimer's disease progression prediction with longitudinal data. *Medical Image Analysis*, **2019**, 53, 111-122	15.4	19
153	Multi-modal AD classification via self-paced latent correlation analysis. *Neurocomputing*, **2019**, 355, 143-154	5.4	10
152	Topological correction of infant white matter surfaces using anatomically constrained convolutional neural network. *NeuroImage*, **2019**, 198, 114-124	7.9	11
151	Reliability-based robust multi-atlas label fusion for brain MRI segmentation. *Artificial Intelligence in Medicine*, **2019**, 96, 12-24	7.4	3
150	Identifying disease-related subnetwork connectome biomarkers by sparse hypergraph learning. *Brain Imaging and Behavior*, **2019**, 13, 879-892	4.1	14
149	Multi-Objective Cognitive Model: a Supervised Approach for Multi-subject fMRI Analysis. *Neuroinformatics*, **2019**, 17, 197-210	3.2	1
148	Hybrid Functional Brain Network With First-Order and Second-Order Information for Computer-Aided Diagnosis of Schizophrenia. *Frontiers in Neuroscience*, **2019**, 13, 603	5.1	12
147	Multi-modality Low-Rank Learning Fused First-Order and Second-Order Information for Computer-Aided Diagnosis of Schizophrenia. *Lecture Notes in Computer Science*, **2019**, 356-368	0.9	1
146	Diagnosis-Guided Multi-modal Feature Selection for Prognosis Prediction of Lung Squamous Cell Carcinoma. *Lecture Notes in Computer Science*, **2019**, 113-121	0.9	6
145	High-order Feature Learning for Multi-atlas based Label Fusion: Application to Brain Segmentation with MRI. *IEEE Transactions on Image Processing*, **2019**,	8.7	15
144	Discovering network phenotype between genetic risk factors and disease status via diagnosis-aligned multi-modality regression method in Alzheimer's disease. *Bioinformatics*, **2019**, 35, 1948-1957	7.2	13
143	Tongue image segmentation via color decomposition and thresholding. *Concurrency Computation Practice and Experience*, **2019**, 31, e4662	1.4	6
142	Robust multi-label transfer feature learning for early diagnosis of Alzheimer's disease. *Brain Imaging and Behavior*, **2019**, 13, 138-153	4.1	29
141	Sub-Network Kernels for Measuring Similarity of Brain Connectivity Networks in Disease Diagnosis. *IEEE Transactions on Image Processing*, **2018**, 27, 2340-2353	8.7	42
140	Ordinal Pattern: A New Descriptor for Brain Connectivity Networks. *IEEE Transactions on Medical Imaging*, **2018**, 37, 1711-1722	11.7	20
139	Multi-modality Feature Learning in Diagnoses of Alzheimer's Disease. *Intelligent Systems Reference Library*, **2018**, 3-30	0.8	1
138	An Organelle Correlation-Guided Feature Selection Approach for Classifying Multi-Label Subcellular Bio-Images. *IEEE/ACM Transactions on Computational Biology and Bioinformatics*, **2018**, 15, 828-838	3	4

137	Subnetwork mining on functional connectivity network for classification of minimal hepatic encephalopathy. *Brain Imaging and Behavior*, **2018**, 12, 901-911	4.1	5
136	Anatomical Pattern Analysis for Decoding Visual Stimuli in Human Brains. *Cognitive Computation*, **2018**, 10, 284-295	4.4	8
135	Deep active learning for nucleus classification in pathology images **2018**,		12
134	Multi-modality feature selection with adaptive similarity learning for classification of Alzheimer's disease **2018**,		3
133	Gradient Hyperalignment for Multi-subject fMRI Data Alignment. *Lecture Notes in Computer Science*, **2018**, 1058-1068	0.9	1
132	Multi-Region Correlation Based Functional Brain Network for Disease Diagnosis and Cognitive States Detection. *IEEE Access*, **2018**, 6, 78065-78076	3.5	1
131	Ordinal Multi-modal Feature Selection for Survival Analysis of Early-Stage Renal Cancer. *Lecture Notes in Computer Science*, **2018**, 648-656	0.9	11
130	Low-Rank Representation for Multi-center Autism Spectrum Disorder Identification. *Lecture Notes in Computer Science*, **2018**, 11070, 647-654	0.9	14
129	Temporally Constrained Group Sparse Learning for Longitudinal Data Analysis in Alzheimer's Disease. *IEEE Transactions on Biomedical Engineering*, **2017**, 64, 238-249	5	37
128	Deep model-based feature extraction for predicting protein subcellular localizations from bio-images. *Frontiers of Computer Science*, **2017**, 11, 243-252	2.2	10
127	Multi-modal dimensionality reduction using effective distance. *Neurocomputing*, **2017**, 259, 130-139	5.4	6
126	Multi-Domain Transfer Learning for Early Diagnosis of Alzheimer's Disease. *Neuroinformatics*, **2017**, 15, 115-132	3.2	43
125	Mining Outcome-relevant Brain Imaging Genetic Associations via Three-way Sparse Canonical Correlation Analysis in Alzheimer's Disease. *Scientific Reports*, **2017**, 7, 44272	4.9	25
124	Manifold Learning of COPD. *Lecture Notes in Computer Science*, **2017**, 10435, 46-54	0.9	1
123	Multi-Region Neural Representation: A novel model for decoding visual stimuli in human brains **2017**, 54-62		4
122	High-order boltzmann machine-based unsupervised feature learning for multi-atlas segmentation **2017**,		2
121	Robust multi-atlas label propagation by deep sparse representation. *Pattern Recognition*, **2017**, 63, 511-517	3.7	23
120	Identification of associations between genotypes and longitudinal phenotypes via temporally-constrained group sparse canonical correlation analysis. *Bioinformatics*, **2017**, 33, i341-i349	7.2	39

119	Semi-supervised feature selection with sparse representation for hyperspectral image classification. *International Journal of Machine Intelligence and Sensory Signal Processing*, **2017**, 2, 67		
118	Multiple Effect of APOE Genotype on Clinical and Neuroimaging Biomarkers Across Alzheimer's Disease Spectrum. *Molecular Neurobiology*, **2016**, 53, 4539-47	6.2	35
117	Human cell structure-driven model construction for predicting protein subcellular location from biological images. *Bioinformatics*, **2016**, 32, 114-21	7.2	9
116	Decoding Visual Stimuli in Human Brain by Using Anatomical Pattern Analysis on fMRI Images. *Lecture Notes in Computer Science*, **2016**, 47-57	0.9	3
115	Canonical sparse cross-view correlation analysis. *Neurocomputing*, **2016**, 191, 263-272	5.4	19
114	Identifying Multimodal Intermediate Phenotypes Between Genetic Risk Factors and Disease Status in Alzheimer's Disease. *Neuroinformatics*, **2016**, 14, 439-52	3.2	14
113	Feature selection with effective distance. *Neurocomputing*, **2016**, 215, 100-109	5.4	28
112	Joint Binary Classifier Learning for ECOC-Based Multi-Class Classification. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2016**, 38, 2335-2341	13.3	56
111	Hyper-connectivity of functional networks for brain disease diagnosis. *Medical Image Analysis*, **2016**, 32, 84-100	15.4	65
110	Relationship Induced Multi-Template Learning for Diagnosis of Alzheimer's Disease and Mild Cognitive Impairment. *IEEE Transactions on Medical Imaging*, **2016**, 35, 1463-74	11.7	120
109	Discriminative multi-task feature selection for multi-modality classification of Alzheimer's disease. *Brain Imaging and Behavior*, **2016**, 10, 739-49	4.1	30
108	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	4.1	45
107	Pairwise Constraint-Guided Sparse Learning for Feature Selection. *IEEE Transactions on Cybernetics*, **2016**, 46, 298-310	10.2	64
106	Impact of Common Variations in PLD3 on Neuroimaging Phenotypes in Non-demented Elders. *Molecular Neurobiology*, **2016**, 53, 4343-51	6.2	10
105	A Learning-Based CT Prostate Segmentation Method via Joint Transductive Feature Selection and Regression. *Neurocomputing*, **2016**, 173, 317-331	5.4	15
104	Label-Alignment-Based Multi-Task Feature Selection for Multimodal Classification of Brain Disease. *Lecture Notes in Computer Science*, **2016**, 51-59	0.9	
103	ABCA7 Genotypes Confer Alzheimer's Disease Risk by Modulating Amyloid-Pathology. *Journal of Alzheimer⊡s Disease*, **2016**, 52, 693-703	4.3	13
102	Bridging Integrator 1 (BIN1) Genotypes Mediate Alzheimer's Disease Risk by Altering Neuronal Degeneration. *Journal of Alzheimer⊡s Disease*, **2016**, 52, 179-90	4.3	26

101	Sub-network Based Kernels for Brain Network Classification **2016**,		4
100	Multi-view dimensionality reduction via canonical random correlation analysis. *Frontiers of Computer Science*, **2016**, 10, 856-869	2.2	10
99	Inherent Structure-Based Multiview Learning With Multitemplate Feature Representation for Alzheimer's Disease Diagnosis. *IEEE Transactions on Biomedical Engineering*, **2016**, 63, 1473-82	5	64
98	Network-based classification of ADHD patients using discriminative subnetwork selection and graph kernel PCA. *Computerized Medical Imaging and Graphics*, **2016**, 52, 82-88	7.6	31
97	Identifying High Order Brain Connectome Biomarkers via Learning on Hypergraph. *Lecture Notes in Computer Science*, **2016**, 10019, 1-9	0.9	5
96	The New Graph Kernels on Connectivity Networks for Identification of MCI. *Lecture Notes in Computer Science*, **2016**, 12-20	0.9	
95	Multimodal manifold-regularized transfer learning for MCI conversion prediction. *Brain Imaging and Behavior*, **2015**, 9, 913-26	4.1	52
94	Domain Transfer Learning for MCI Conversion Prediction. *IEEE Transactions on Biomedical Engineering*, **2015**, 62, 1805-1817	5	101
93	Common Variants in PLD3 and Correlation to Amyloid-Related Phenotypes in Alzheimer's Disease. *Journal of Alzheimer's Disease*, **2015**, 46, 491-5	4.3	15
92	Identification of Conversion from Normal Elderly Cognition to Alzheimer's Disease using Multimodal Support Vector Machine. *Journal of Alzheimer's Disease*, **2015**, 47, 1057-67	4.3	9
91	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, 115-23	4.3	19
90	Manifold regularized multitask feature learning for multimodality disease classification. *Human Brain Mapping*, **2015**, 36, 489-507	5.9	90
89	Discriminative Multi-task Feature Selection for Multi-modality Based AD/MCI Classification **2015**,		4
88	Weighted Spectral Cluster Ensemble **2015**,		9
87	View-centralized multi-atlas classification for Alzheimer's disease diagnosis. *Human Brain Mapping*, **2015**, 36, 1847-65	5.9	74
86	Inherent Structure-Guided Multi-view Learning for Alzheimer's Disease and Mild Cognitive Impairment Classification. *Lecture Notes in Computer Science*, **2015**, 9352, 296-303	0.9	1
85	Multimodal Multi-label Transfer Learning for Early Diagnosis of Alzheimer's Disease. *Lecture Notes in Computer Science*, **2015**, 238-245	0.9	1
84	Hierarchical fusion of features and classifier decisions for Alzheimer's disease diagnosis. *Human Brain Mapping*, **2014**, 35, 1305-19	5.9	88

83	Frequent and discriminative subnetwork mining for mild cognitive impairment classification. *Brain Connectivity*, **2014**, 4, 347-60	2.7	20
82	Integration of network topological and connectivity properties for neuroimaging classification. *IEEE Transactions on Biomedical Engineering*, **2014**, 61, 576-89	5	89
81	. *IEEE Transactions on Reliability*, **2014**, 63, 676-686	4.6	85
80	Association between NME8 locus polymorphism and cognitive decline, cerebrospinal fluid and neuroimaging biomarkers in Alzheimer's disease. *PLoS ONE*, **2014**, 9, e114777	3.7	31
79	SPARSITY SCORE: A NOVEL GRAPH-PRESERVING FEATURE SELECTION METHOD. *International Journal of Pattern Recognition and Artificial Intelligence*, **2014**, 28, 1450009	1.1	24
78	Topological graph kernel on multiple thresholded functional connectivity networks for mild cognitive impairment classification. *Human Brain Mapping*, **2014**, 35, 2876-97	5.9	77
77	Combining Multiple Network Features for Mild Cognitive Impairment Classification **2014**,		1
76	A generative probability model of joint label fusion for multi-atlas based brain segmentation. *Medical Image Analysis*, **2014**, 18, 881-90	15.4	93
75	Identifying informative imaging biomarkers via tree structured sparse learning for AD diagnosis. *Neuroinformatics*, **2014**, 12, 381-94	3.2	18
74	Brain connectivity hyper-network for MCI classification. *Lecture Notes in Computer Science*, **2014**, 17, 724-32	0.9	15
73	Identifying genetic associations with MRI-derived measures via tree-guided sparse learning. *Lecture Notes in Computer Science*, **2014**, 17, 757-64	0.9	10
72	Machine Learning Techniques for AD/MCI Diagnosis and Prognosis. *Intelligent Systems Reference Library*, **2014**, 147-179	0.8	7
71	Brain Disease Classification and Progression Using Machine Learning Techniques **2014**, 3-32		1
70	A New Locality-Preserving Canonical Correlation Analysis Algorithm for Multi-View Dimensionality Reduction. *Neural Processing Letters*, **2013**, 37, 135-146	2.4	36
69	Semi-supervised multimodal relevance vector regression improves cognitive performance estimation from imaging and biological biomarkers. *Neuroinformatics*, **2013**, 11, 339-53	3.2	18
68	Learning mid-perpendicular hyperplane similarity from cannot-link constraints. *Neurocomputing*, **2013**, 113, 195-203	5.4	2
67	Integrating Multiple Network Properties for MCI Identification. *Lecture Notes in Computer Science*, **2013**, 9-16	0.9	3
66	Ensemble Universum SVM Learning for Multimodal Classification of Alzheimer's Disease. *Lecture Notes in Computer Science*, **2013**, 227-234	0.9	4

65	Sparse Multimodal Manifold-Regularized Transfer Learning for MCI Conversion Prediction. *Lecture Notes in Computer Science*, **2013**, 251-259	0.9	3
64	Manifold regularized multi-task feature selection for multi-modality classification in Alzheimer's disease. *Lecture Notes in Computer Science*, **2013**, 16, 275-83	0.9	22
63	Minimizing joint risk of mislabeling for iterative Patch-based label fusion. *Lecture Notes in Computer Science*, **2013**, 16, 551-8	0.9	3
62	Domain transfer learning for MCI conversion prediction. *Lecture Notes in Computer Science*, **2012**, 15, 82-90	0.9	29
61	Multi-modal multi-task learning for joint prediction of multiple regression and classification variables in Alzheimer's disease. *NeuroImage*, **2012**, 59, 895-907	7.9	442
60	Identification of MCI individuals using structural and functional connectivity networks. *NeuroImage*, **2012**, 59, 2045-56	7.9	291
59	Ensemble sparse classification of Alzheimer's disease. *NeuroImage*, **2012**, 60, 1106-16	7.9	227
58	Predicting future clinical changes of MCI patients using longitudinal and multimodal biomarkers. *PLoS ONE*, **2012**, 7, e33182	3.7	181
57	Tree-guided sparse coding for brain disease classification. *Lecture Notes in Computer Science*, **2012**, 15, 239-47	0.9	15
56	Temporally-constrained group sparse learning for longitudinal data analysis. *Lecture Notes in Computer Science*, **2012**, 15, 264-71	0.9	13
55	Iterative Laplacian Score for Feature Selection. *Communications in Computer and Information Science*, **2012**, 80-87	0.3	15
54	Sparse Patch-Based Label Fusion for Multi-Atlas Segmentation. *Lecture Notes in Computer Science*, **2012**, 94-102	0.9	33
53	Hierarchical Ensemble of Multi-level Classifiers for Diagnosis of Alzheimer's Disease. *Lecture Notes in Computer Science*, **2012**, 27-35	0.9	12
52	Semi-Supervised Sparse Label Fusion for Multi-atlas Based Segmentation. *Communications in Computer and Information Science*, **2012**, 471-479	0.3	
51	Sparsity Preserving Canonical Correlation Analysis. *Communications in Computer and Information Science*, **2012**, 56-63	0.3	
50	Multimodal classification of Alzheimer's disease and mild cognitive impairment. *NeuroImage*, **2011**, 55, 856-67	7.9	837
49	Semi-supervised multimodal classification of alzheimer's disease **2011**,		19
48	. *IEEE Geoscience and Remote Sensing Letters*, **2011**, 8, 369-373	4.1	65

47	A novel ensemble construction method for multi-view data using random cross-view correlation between within-class examples. *Pattern Recognition*, **2011**, 44, 1162-1171	7.7	25
46	Confidence-guided sequential label fusion for multi-atlas based segmentation. *Lecture Notes in Computer Science*, **2011**, 14, 643-50	0.9	13
45	MultiCost: Multi-stage Cost-sensitive Classification of Alzheimer's Disease. *Lecture Notes in Computer Science*, **2011**, 344-351	0.9	4
44	Predicting Clinical Scores Using Semi-supervised Multimodal Relevance Vector Regression. *Lecture Notes in Computer Science*, **2011**, 241-248	0.9	3
43	Semisupervised kernel matrix learning by kernel propagation. *IEEE Transactions on Neural Networks* , **2010**, 21, 1831-41		29
42	A multiobjective simultaneous learning framework for clustering and classification. *IEEE Transactions on Neural Networks*, **2010**, 21, 185-200		36
41	Bagging Constraint Score for feature selection with pairwise constraints. *Pattern Recognition*, **2010**, 43, 2106-2118	7.7	36
40	A New Canonical Correlation Analysis Algorithm with Local Discrimination. *Neural Processing Letters* , **2010**, 31, 1-15	2.4	58
39	Locality sensitive C-means clustering algorithms. *Neurocomputing*, **2010**, 73, 2935-2943	5.4	20
38	Semi-supervised clustering with metric learning: An adaptive kernel method. *Pattern Recognition*, **2010**, 43, 1320-1333	7.7	80
37	marginFace: A novel face recognition method by average neighborhood margin maximization. *Pattern Recognition*, **2009**, 42, 2863-2875	7.7	49
36	A New Discriminant Principal Component Analysis Method with Partial Supervision. *Neural Processing Letters*, **2009**, 30, 103-112	2.4	7
35	A simultaneous learning framework for clustering and classification. *Pattern Recognition*, **2009**, 42, 1248-1259	7.7	25
34	Pattern representation in feature extraction and classifier design: matrix versus vector. *IEEE Transactions on Neural Networks*, **2008**, 19, 758-69		36
33	Constraint Score: A new filter method for feature selection with pairwise constraints. *Pattern Recognition*, **2008**, 41, 1440-1451	7.7	137
32	Robust fuzzy relational classifier incorporating the soft class labels. *Pattern Recognition Letters*, **2007**, 28, 2250-2263	4.7	18
31	Fast and robust fuzzy c-means clustering algorithms incorporating local information for image segmentation. *Pattern Recognition*, **2007**, 40, 825-838	7.7	724
30	Semi-Supervised Dimensionality Reduction **2007**,		179

29	EFFICIENT PSEUDOINVERSE LINEAR DISCRIMINANT ANALYSIS AND ITS NONLINEAR FORM FOR FACE RECOGNITION. *International Journal of Pattern Recognition and Artificial Intelligence*, **2007**, 21, 1265-1278	1.1	18
28	Enhanced fuzzy relational classifier with representative training samples **2007**,		1
27	Comments on "Efficient and Robust Feature Extraction by Maximum Margin Criterion. *IEEE Transactions on Neural Networks*, **2007**, 18, 1862-1864		43
26	Two-Dimensional Bayesian Subspace Analysis for Face Recognition. *Lecture Notes in Computer Science*, **2007**, 778-784	0.9	
25	Diagonal principal component analysis for face recognition. *Pattern Recognition*, **2006**, 39, 140-142	7.7	89
24	Adaptive Kernel Principal Component Analysis with Unsupervised Learning of Kernels. *IEEE International Conference on Data Mining*, **2006**,		7
23	Learning the kernel parameters in kernel minimum distance classifier. *Pattern Recognition*, **2006**, 39, 133-135	7.7	32
22	Non-negative Matrix Factorization on Kernels. *Lecture Notes in Computer Science*, **2006**, 404-412	0.9	26
21	Non-negative Matrix Factorization on Kernels **2006**, 404		8
20	Recognizing Face or Object from a Single Image: Linear vs. Kernel Methods on 2D Patterns. *Lecture Notes in Computer Science*, **2006**, 889-897	0.9	7
19	Feature extraction approaches based on matrix pattern: MatPCA and MatFLDA. *Pattern Recognition Letters*, **2005**, 26, 1157-1167	4.7	71
18	A new face recognition method based on SVD perturbation for single example image per person. *Applied Mathematics and Computation*, **2005**, 163, 895-907	2.7	124
17	Fast image compression using matrix K-L transform. *Neurocomputing*, **2005**, 68, 258-266	5.4	6
16	: Two-directional two-dimensional PCA for efficient face representation and recognition. *Neurocomputing*, **2005**, 69, 224-231	5.4	411
15	Improving the Robustness of Online Agglomerative Clustering Method Based on Kernel-Induce Distance Measures. *Neural Processing Letters*, **2005**, 21, 45-51	2.4	15
14	Representing Image Matrices: Eigenimages Versus Eigenvectors. *Lecture Notes in Computer Science*, **2005**, 659-664	0.9	14
13	Two-Dimensional Non-negative Matrix Factorization for Face Representation and Recognition. *Lecture Notes in Computer Science*, **2005**, 350-363	0.9	15
12	A novel kernelized fuzzy C-means algorithm with application in medical image segmentation. *Artificial Intelligence in Medicine*, **2004**, 32, 37-50	7.4	361

LIST OF PUBLICATIONS

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