

Chong-Yaw Wee

List of Publications by Year in Descending Order

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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.

72
papers

3,089
citations

31
h-index

55
g-index

74
ext. papers

3,734
ext. citations

4.1
avg, IF

5.38
L-index

#	Paper	IF	Citations
72	Fusion of ULS Group Constrained High- and Low-Order Sparse Functional Connectivity Networks for MCI Classification. <i>Neuroinformatics</i> , 2020 , 18, 1-24	3.2	5
71	Maternal sensitivity predicts anterior hippocampal functional networks in early childhood. <i>Brain Structure and Function</i> , 2019 , 224, 1885-1895	4	14
70	Cortical graph neural network for AD and MCI diagnosis and transfer learning across populations. <i>NeuroImage: Clinical</i> , 2019 , 23, 101929	5.3	32
69	Adaptive Functional Connectivity Network Using Parallel Hierarchical BiLSTM for MCI Diagnosis. <i>Lecture Notes in Computer Science</i> , 2019 , 507-515	0.9	
68	Novel Effective Connectivity Inference Using Ultra-Group Constrained Orthogonal Forward Regression and Elastic Multilayer Perceptron Classifier for MCI Identification. <i>IEEE Transactions on Medical Imaging</i> , 2019 , 38, 1227-1239	11.7	22
67	Multimodal hyper-connectivity of functional networks using functionally-weighted LASSO for MCI classification. <i>Medical Image Analysis</i> , 2019 , 52, 80-96	15.4	34
66	Enhancing the representation of functional connectivity networks by fusing multi-view information for autism spectrum disorder diagnosis. <i>Human Brain Mapping</i> , 2019 , 40, 833-854	5.9	28
65	Fronto-parietal numerical networks in relation with early numeracy in young children. <i>Brain Structure and Function</i> , 2019 , 224, 263-275	4	2
64	A brief review on multi-task learning. <i>Multimedia Tools and Applications</i> , 2018 , 77, 29705-29725	2.5	51
63	Behavioral Heterogeneity in Relation with Brain Functional Networks in Young Children. <i>Cerebral Cortex</i> , 2018 , 28, 3322-3331	5.1	9
62	Multi-task diagnosis for autism spectrum disorders using multi-modality features: A multi-center study. <i>Human Brain Mapping</i> , 2017 , 38, 3081-3097	5.9	50
61	Multimodal Hyper-connectivity Networks for MCI Classification. <i>Lecture Notes in Computer Science</i> , 2017 , 10433, 433-441	0.9	2
60	Neonatal neural networks predict children behavioral profiles later in life. <i>Human Brain Mapping</i> , 2017 , 38, 1362-1373	5.9	20
59	Novel Effective Connectivity Network Inference for MCI Identification. <i>Lecture Notes in Computer Science</i> , 2017 , 2017, 316-324	0.9	2
58	Fusion of High-Order and Low-Order Effective Connectivity Networks for MCI Classification. <i>Lecture Notes in Computer Science</i> , 2017 , 2017, 307-315	0.9	0
57	Structural Connectivity Guided Sparse Effective Connectivity for MCI Identification. <i>Lecture Notes in Computer Science</i> , 2017 , 10541, 299-306	0.9	2
56	Sparse temporally dynamic resting-state functional connectivity networks for early MCI identification. <i>Brain Imaging and Behavior</i> , 2016 , 10, 342-56	4.1	110

55	Joint feature-sample selection and robust diagnosis of Parkinson's disease from MRI data. <i>NeuroImage</i> , 2016 , 141, 206-219	7.9	57
54	Multi-task feature selection via supervised canonical graph matching for diagnosis of autism spectrum disorder. <i>Brain Imaging and Behavior</i> , 2016 , 10, 33-40	4.1	16
53	State-space model with deep learning for functional dynamics estimation in resting-state fMRI. <i>NeuroImage</i> , 2016 , 129, 292-307	7.9	163
52	Hyper-connectivity of functional networks for brain disease diagnosis. <i>Medical Image Analysis</i> , 2016 , 32, 84-100	15.4	65
51	Identification of progressive mild cognitive impairment patients using incomplete longitudinal MRI scans. <i>Brain Structure and Function</i> , 2016 , 221, 3979-3995	4	31
50	Angular Resolution Enhancement of Diffusion MRI Data Using Inter-Subject Information Transfer. <i>Mathematics and Visualization</i> , 2016 , 2016, 145-157	0.6	2
49	Joint Feature-Sample Selection and Robust Classification for Parkinson's Disease Diagnosis. <i>Lecture Notes in Computer Science</i> , 2016 , 127-136	0.9	2
48	Multilevel Deficiency of White Matter Connectivity Networks in Alzheimer's Disease: A Diffusion MRI Study with DTI and HARDI Models. <i>Neural Plasticity</i> , 2016 , 2016, 2947136	3.3	19
47	High-order resting-state functional connectivity network for MCI classification. <i>Human Brain Mapping</i> , 2016 , 37, 3282-96	5.9	144
46	Diagnosis of Autism Spectrum Disorders Using Temporally Distinct Resting-State Functional Connectivity Networks. <i>CNS Neuroscience and Therapeutics</i> , 2016 , 22, 212-9	6.8	45
45	Improving Estimation of Fiber Orientations in Diffusion MRI Using Inter-Subject Information Sharing. <i>Scientific Reports</i> , 2016 , 6, 37847	4.9	13
44	Identification of infants at high-risk for autism spectrum disorder using multiparameter multiscale white matter connectivity networks. <i>Human Brain Mapping</i> , 2015 , 36, 4880-96	5.9	58
43	Supervised Discriminative Group Sparse Representation for Mild Cognitive Impairment Diagnosis. <i>Neuroinformatics</i> , 2015 , 13, 277-95	3.2	37
42	MRI-based intelligence quotient (IQ) estimation with sparse learning. <i>PLoS ONE</i> , 2015 , 10, e0117295	3.7	12
41	Evaluation of machine learning algorithms for treatment outcome prediction in patients with epilepsy based on structural connectome data. <i>NeuroImage</i> , 2015 , 118, 219-30	7.9	95
40	MCI Identification by Joint Learning on Multiple MRI Data. <i>Lecture Notes in Computer Science</i> , 2015 , 9350, 78-85	0.9	15
39	Identification of Infants at Risk for Autism Using Multi-parameter Hierarchical White Matter Connectomes. <i>Lecture Notes in Computer Science</i> , 2015 , 9352, 170-177	0.9	6
38	Block-Based Statistics for Robust Non-parametric Morphometry. <i>Lecture Notes in Computer Science</i> , 2015 , 9467, 62-70	0.9	2

37	Diagnosis of autism spectrum disorders using regional and interregional morphological features. <i>Human Brain Mapping</i> , 2014 , 35, 3414-30	5.9	64
36	Integration of network topological and connectivity properties for neuroimaging classification. <i>IEEE Transactions on Biomedical Engineering</i> , 2014 , 61, 576-89	5	89
35	Sparse multivariate autoregressive modeling for mild cognitive impairment classification. <i>Neuroinformatics</i> , 2014 , 12, 455-69	3.2	24
34	Neurodegenerative disease diagnosis using incomplete multi-modality data via matrix shrinkage and completion. <i>NeuroImage</i> , 2014 , 91, 386-400	7.9	76
33	Inter-modality relationship constrained multi-modality multi-task feature selection for Alzheimer's Disease and mild cognitive impairment identification. <i>NeuroImage</i> , 2014 , 84, 466-75	7.9	150
32	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
31	Group-constrained sparse fMRI connectivity modeling for mild cognitive impairment identification. <i>Brain Structure and Function</i> , 2014 , 219, 641-56	4	113
30	Disrupted brain functional network in internet addiction disorder: a resting-state functional magnetic resonance imaging study. <i>PLoS ONE</i> , 2014 , 9, e107306	3.7	56
29	Multiple-network classification of childhood autism using functional connectivity dynamics. <i>Lecture Notes in Computer Science</i> , 2014 , 17, 177-84	0.9	44
28	Machine Learning Techniques for AD/MCI Diagnosis and Prognosis. <i>Intelligent Systems Reference Library</i> , 2014 , 147-179	0.8	7
27	Brain Disease Classification and Progression Using Machine Learning Techniques 2014 , 3-32		1
26	Prediction of Alzheimer's disease and mild cognitive impairment using cortical morphological patterns. <i>Human Brain Mapping</i> , 2013 , 34, 3411-25	5.9	161
25	DICCCOL: dense individualized and common connectivity-based cortical landmarks. <i>Cerebral Cortex</i> , 2013 , 23, 786-800	5.1	121
24	Altered modular organization of structural cortical networks in children with autism. <i>PLoS ONE</i> , 2013 , 8, e63131	3.7	37
23	Discriminative Group Sparse Representation for Mild Cognitive Impairment Classification. <i>Lecture Notes in Computer Science</i> , 2013 , 131-138	0.9	19
22	Temporally Dynamic Resting-State Functional Connectivity Networks for Early MCI Identification. <i>Lecture Notes in Computer Science</i> , 2013 , 139-146	0.9	8
21	Integrating Multiple Network Properties for MCI Identification. <i>Lecture Notes in Computer Science</i> , 2013 , 9-16	0.9	3
20	High-order graph matching based feature selection for Alzheimer's disease identification. <i>Lecture Notes in Computer Science</i> , 2013 , 16, 311-8	0.9	22

19	Identification of MCI using optimal sparse MAR modeled effective connectivity networks. <i>Lecture Notes in Computer Science</i> , 2013 , 16, 319-327	0.9	5
18	Large deformation image classification using generalized locality-constrained linear coding. <i>Lecture Notes in Computer Science</i> , 2013 , 16, 292-9	0.9	10
17	Inter-modality relationship constrained multi-task feature selection for AD/MCI classification. <i>Lecture Notes in Computer Science</i> , 2013 , 16, 308-15	0.9	11
16	Identification of MCI individuals using structural and functional connectivity networks. <i>NeuroImage</i> , 2012 , 59, 2045-56	7.9	291
15	Resting-state multi-spectrum functional connectivity networks for identification of MCI patients. <i>PLoS ONE</i> , 2012 , 7, e37828	3.7	99
14	Constrained sparse functional connectivity networks for MCI classification. <i>Lecture Notes in Computer Science</i> , 2012 , 15, 212-9	0.9	29
13	Structural Feature Selection for Connectivity Network-Based MCI Diagnosis. <i>Lecture Notes in Computer Science</i> , 2012 , 175-184	0.9	1
12	Enriched white matter connectivity networks for accurate identification of MCI patients. <i>NeuroImage</i> , 2011 , 54, 1812-22	7.9	168
11	Identification of individuals with MCI via multimodality connectivity networks. <i>Lecture Notes in Computer Science</i> , 2011 , 14, 277-84	0.9	2
10	Image quality assessment by discrete orthogonal moments. <i>Pattern Recognition</i> , 2010 , 43, 4055-4068	7.7	38
9	Sorting of rice grains using Zernike moments. <i>Journal of Real-Time Image Processing</i> , 2009 , 4, 353-363	1.9	4
8	Image sharpness measure using eigenvalues 2008 ,		3
7	Fast computation of geometric moments using a symmetric kernel. <i>Pattern Recognition</i> , 2008 , 41, 2369-2380	7.7	16
6	Quality Assessment of Gaussian Blurred Images Using Symmetric Geometric Moments 2007 ,		2
5	Fast Computation of Zernike Moments For Rice Sorting System 2007 ,		2
4	On the computational aspects of Zernike moments. <i>Image and Vision Computing</i> , 2007 , 25, 967-980	3.7	112
3	Efficient computation of radial moment functions using symmetrical property. <i>Pattern Recognition</i> , 2006 , 39, 2036-2046	7.7	22
2	New computational methods for full and subset Zernike moments. <i>Information Sciences</i> , 2004 , 159, 203-220	7.7	32

1 Classification of rice grains using fuzzy artmap neural network

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