

# Chong-Yaw Wee

## List of Publications by Year in descending order

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Version: 2024-02-01

73  
papers

4,207  
citations

126907

33  
h-index

114465

63  
g-index

74  
all docs

74  
docs citations

74  
times ranked

4276  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fusion of ULS Group Constrained High- and Low-Order Sparse Functional Connectivity Networks for MCI Classification. <i>Neuroinformatics</i> , 2020, 18, 1-24.	2.8	19
2	Cortical graph neural network for AD and MCI diagnosis and transfer learning across populations. <i>NeuroImage: Clinical</i> , 2019, 23, 101929.	2.7	75
3	Maternal sensitivity predicts anterior hippocampal functional networks in early childhood. <i>Brain Structure and Function</i> , 2019, 224, 1885-1895.	2.3	24
4	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.	8.9	40
5	Multimodal hyper-connectivity of functional networks using functionally-weighted LASSO for MCI classification. <i>Medical Image Analysis</i> , 2019, 52, 80-96.	11.6	66
6	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.	3.6	47
7	Fronto-parietal numerical networks in relation with early numeracy in young children. <i>Brain Structure and Function</i> , 2019, 224, 263-275.	2.3	7
8	Adaptive Functional Connectivity Network Using Parallel Hierarchical BiLSTM for MCI Diagnosis. <i>Lecture Notes in Computer Science</i> , 2019, , 507-515.	1.3	1
9	Behavioral Heterogeneity in Relation with Brain Functional Networks in Young Children. <i>Cerebral Cortex</i> , 2018, 28, 3322-3331.	2.9	9
10	A brief review on multi-task learning. <i>Multimedia Tools and Applications</i> , 2018, 77, 29705-29725.	3.9	131
11	Multi-task diagnosis for autism spectrum disorders using multi-modality features: A multicenter study. <i>Human Brain Mapping</i> , 2017, 38, 3081-3097.	3.6	64
12	Multimodal Hyper-connectivity Networks for MCI Classification. <i>Lecture Notes in Computer Science</i> , 2017, 10433, 433-441.	1.3	3
13	Neonatal neural networks predict children behavioral profiles later in life. <i>Human Brain Mapping</i> , 2017, 38, 1362-1373.	3.6	32
14	Novel Effective Connectivity Network Inference for MCI Identification. <i>Lecture Notes in Computer Science</i> , 2017, 2017, 316-324.	1.3	5
15	Fusion of High-Order and Low-Order Effective Connectivity Networks for MCI Classification. <i>Lecture Notes in Computer Science</i> , 2017, 2017, 307-315.	1.3	1
16	Structural Connectivity Guided Sparse Effective Connectivity for MCI Identification. <i>Lecture Notes in Computer Science</i> , 2017, 10541, 299-306.	1.3	3
17	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, 1-14.	2.2	23
18	High-order resting-state functional connectivity network for MCI classification. <i>Human Brain Mapping</i> , 2016, 37, 3282-3296.	3.6	204

#	ARTICLE	IF	CITATIONS
19	Diagnosis of Autism Spectrum Disorders Using Temporally Distinct Resting-State Functional Connectivity Networks. <i>CNS Neuroscience and Therapeutics</i> , 2016, 22, 212-219.	3.9	59
20	Improving Estimation of Fiber Orientations in Diffusion MRI Using Inter-Subject Information Sharing. <i>Scientific Reports</i> , 2016, 6, 37847.	3.3	15
21	Joint feature-sample selection and robust diagnosis of Parkinson's disease from MRI data. <i>NeuroImage</i> , 2016, 141, 206-219.	4.2	87
22	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.	2.1	20
23	State-space model with deep learning for functional dynamics estimation in resting-state fMRI. <i>NeuroImage</i> , 2016, 129, 292-307.	4.2	242
24	Hyper-connectivity of functional networks for brain disease diagnosis. <i>Medical Image Analysis</i> , 2016, 32, 84-100.	11.6	113
25	Identification of progressive mild cognitive impairment patients using incomplete longitudinal MRI scans. <i>Brain Structure and Function</i> , 2016, 221, 3979-3995.	2.3	33
26	Sparse temporally dynamic resting-state functional connectivity networks for early MCI identification. <i>Brain Imaging and Behavior</i> , 2016, 10, 342-356.	2.1	153
27	Angular Resolution Enhancement of Diffusion MRI Data Using Inter-Subject Information Transfer. <i>Mathematics and Visualization</i> , 2016, 2016, 145-157.	0.6	2
28	Joint Feature-Sample Selection and Robust Classification for Parkinson's Disease Diagnosis. <i>Lecture Notes in Computer Science</i> , 2016, , 127-136.	1.3	2
29	MRI-Based Intelligence Quotient (IQ) Estimation with Sparse Learning. <i>PLoS ONE</i> , 2015, 10, e0117295.	2.5	29
30	Evaluation of machine learning algorithms for treatment outcome prediction in patients with epilepsy based on structural connectome data. <i>NeuroImage</i> , 2015, 118, 219-230.	4.2	130
31	Identification of infants at high-risk for autism spectrum disorder using multiparameter multiscale white matter connectivity networks. <i>Human Brain Mapping</i> , 2015, 36, 4880-4896.	3.6	75
32	Supervised Discriminative Group Sparse Representation for Mild Cognitive Impairment Diagnosis. <i>Neuroinformatics</i> , 2015, 13, 277-295.	2.8	44
33	MCI Identification by Joint Learning on Multiple MRI Data. <i>Lecture Notes in Computer Science</i> , 2015, 9350, 78-85.	1.3	27
34	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.	1.3	9
35	Block-Based Statistics for Robust Non-parametric Morphometry. <i>Lecture Notes in Computer Science</i> , 2015, 9467, 62-70.	1.3	2
36	Topological graph kernel on multiple thresholded functional connectivity networks for mild cognitive impairment classification. <i>Human Brain Mapping</i> , 2014, 35, 2876-2897.	3.6	98

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37	Group-constrained sparse fMRI connectivity modeling for mild cognitive impairment identification. <i>Brain Structure and Function</i> , 2014, 219, 641-656.	2.3	160
38	Diagnosis of autism spectrum disorders using regional and interregional morphological features. <i>Human Brain Mapping</i> , 2014, 35, 3414-3430.	3.6	77
39	Integration of Network Topological and Connectivity Properties for Neuroimaging Classification. <i>IEEE Transactions on Biomedical Engineering</i> , 2014, 61, 576-589.	4.2	125
40	Sparse Multivariate Autoregressive Modeling for Mild Cognitive Impairment Classification. <i>Neuroinformatics</i> , 2014, 12, 455-469.	2.8	32
41	Neurodegenerative disease diagnosis using incomplete multi-modality data via matrix shrinkage and completion. <i>NeuroImage</i> , 2014, 91, 386-400.	4.2	87
42	Inter-modality relationship constrained multi-modality multi-task feature selection for Alzheimer's Disease and mild cognitive impairment identification. <i>NeuroImage</i> , 2014, 84, 466-475.	4.2	198
43	Brain Disease Classification and Progression Using Machine Learning Techniques. , 2014, , 3-32.		1
44	Multiple-Network Classification of Childhood Autism Using Functional Connectivity Dynamics. <i>Lecture Notes in Computer Science</i> , 2014, 17, 177-184.	1.3	57
45	Machine Learning Techniques for AD/MCI Diagnosis and Prognosis. <i>Intelligent Systems Reference Library</i> , 2014, , 147-179.	1.2	11
46	Disrupted Brain Functional Network in Internet Addiction Disorder: A Resting-State Functional Magnetic Resonance Imaging Study. <i>PLoS ONE</i> , 2014, 9, e107306.	2.5	72
47	Prediction of Alzheimer's disease and mild cognitive impairment using cortical morphological patterns. <i>Human Brain Mapping</i> , 2013, 34, 3411-3425.	3.6	215
48	DICCCOL: Dense Individualized and Common Connectivity-Based Cortical Landmarks. <i>Cerebral Cortex</i> , 2013, 23, 786-800.	2.9	153
49	Discriminative Group Sparse Representation for Mild Cognitive Impairment Classification. <i>Lecture Notes in Computer Science</i> , 2013, , 131-138.	1.3	22
50	Temporally Dynamic Resting-State Functional Connectivity Networks for Early MCI Identification. <i>Lecture Notes in Computer Science</i> , 2013, , 139-146.	1.3	9
51	Integrating Multiple Network Properties for MCI Identification. <i>Lecture Notes in Computer Science</i> , 2013, , 9-16.	1.3	4
52	High-Order Graph Matching Based Feature Selection for Alzheimer's Disease Identification. <i>Lecture Notes in Computer Science</i> , 2013, 16, 311-318.	1.3	25
53	Identification of MCI Using Optimal Sparse MAR Modeled Effective Connectivity Networks. <i>Lecture Notes in Computer Science</i> , 2013, 16, 319-327.	1.3	6
54	Large Deformation Image Classification Using Generalized Locality-Constrained Linear Coding. <i>Lecture Notes in Computer Science</i> , 2013, 16, 292-299.	1.3	12

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55	Inter-modality Relationship Constrained Multi-Task Feature Selection for AD/MCI Classification. Lecture Notes in Computer Science, 2013, 16, 308-315.	1.3	12
56	Altered Modular Organization of Structural Cortical Networks in Children with Autism. PLoS ONE, 2013, 8, e63131.	2.5	45
57	Identification of MCI individuals using structural and functional connectivity networks. NeuroImage, 2012, 59, 2045-2056.	4.2	334
58	Constrained Sparse Functional Connectivity Networks for MCI Classification. Lecture Notes in Computer Science, 2012, 15, 212-219.	1.3	36
59	Resting-State Multi-Spectrum Functional Connectivity Networks for Identification of MCI Patients. PLoS ONE, 2012, 7, e37828.	2.5	127
60	Enriched white matter connectivity networks for accurate identification of MCI patients. NeuroImage, 2011, 54, 1812-1822.	4.2	191
61	Identification of Individuals with MCI via Multimodality Connectivity Networks. Lecture Notes in Computer Science, 2011, 14, 277-284.	1.3	2
62	Image quality assessment by discrete orthogonal moments. Pattern Recognition, 2010, 43, 4055-4068.	8.1	46
63	Sorting of rice grains using Zernike moments. Journal of Real-Time Image Processing, 2009, 4, 353-363.	3.5	7
64	Fast computation of geometric moments using a symmetric kernel. Pattern Recognition, 2008, 41, 2369-2380.	8.1	16
65	Comparative analysis of eigenvalues-based and Tchebichef moments-based focus measures. , 2008, , .		0
66	Image sharpness measure using eigenvalues. , 2008, , .		15
67	Quality Assessment of Gaussian Blurred Images Using Symmetric Geometric Moments. , 2007, , .		5
68	Fast Computation of Zernike Moments For Rice Sorting System. , 2007, , .		5
69	On the computational aspects of Zernike moments. Image and Vision Computing, 2007, 25, 967-980.	4.5	134
70	Efficient computation of radial moment functions using symmetrical property. Pattern Recognition, 2006, 39, 2036-2046.	8.1	24
71	New computational methods for full and subset Zernike moments. Information Sciences, 2004, 159, 203-220.	6.9	41
72	Classification of rice grains using fuzzy artmap neural network. , 0, , .		5

#	ARTICLE	IF	CITATIONS
73	Bootstrap model order selection of Zernike polynomial expansion for classification of rice. , 0, , .		1