

Yu Ping Wang

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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.

133
papers

1,404
citations

19
h-index

32
g-index

148
ext. papers

1,965
ext. citations

5.5
avg, IF

5.13
L-index

#	Paper	IF	Citations
133	Multistage genome-wide association meta-analyses identified two new loci for bone mineral density. <i>Human Molecular Genetics</i> , 2014 , 23, 1923-33	5.6	113
132	Correspondence between fMRI and SNP data by group sparse canonical correlation analysis. <i>Medical Image Analysis</i> , 2014 , 18, 891-902	15.4	90
131	Segmentation of M-FISH Images for Improved Classification of Chromosomes With an Adaptive Fuzzy C-means Clustering Algorithm. <i>IEEE Transactions on Fuzzy Systems</i> , 2012 , 20, 1-8	8.3	85
130	Group sparse canonical correlation analysis for genomic data integration. <i>BMC Bioinformatics</i> , 2013 , 14, 245	3.6	69
129	Resting state connectivity differences in eyes open versus eyes closed conditions. <i>Human Brain Mapping</i> , 2019 , 40, 2488-2498	5.9	56
128	Changing brain connectivity dynamics: From early childhood to adulthood. <i>Human Brain Mapping</i> , 2018 , 39, 1108-1117	5.9	47
127	The lifespan trajectory of neural oscillatory activity in the motor system. <i>Developmental Cognitive Neuroscience</i> , 2018 , 30, 159-168	5.5	42
126	Sparse representation based biomarker selection for schizophrenia with integrated analysis of fMRI and SNPs. <i>NeuroImage</i> , 2014 , 102 Pt 1, 220-8	7.9	35
125	Joint sparse canonical correlation analysis for detecting differential imaging genetics modules. <i>Bioinformatics</i> , 2016 , 32, 3480-3488	7.2	35
124	Sparse models for correlative and integrative analysis of imaging and genetic data. <i>Journal of Neuroscience Methods</i> , 2014 , 237, 69-78	3	34
123	The developmental trajectory of sensorimotor cortical oscillations. <i>NeuroImage</i> , 2019 , 184, 455-461	7.9	31
122	Identifying Stages of Kidney Renal Cell Carcinoma by Combining Gene Expression and DNA Methylation Data. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2017 , 14, 1147-1153	11.5	28
121	Estimation of Dynamic Sparse Connectivity Patterns From Resting State fMRI. <i>IEEE Transactions on Medical Imaging</i> , 2018 , 37, 1224-1234	11.7	25
120	Generalized LASSO with under-determined regularization matrices. <i>Signal Processing</i> , 2016 , 127, 239-246	11.4	23
119	Capturing Dynamic Connectivity from Resting State fMRI using Time-Varying Graphical Lasso. <i>IEEE Transactions on Biomedical Engineering</i> , 2018 ,	5	23
118	Neural dynamics of verbal working memory processing in children and adolescents. <i>NeuroImage</i> , 2019 , 185, 191-197	7.9	23
117	Adaptive Sparse Multiple Canonical Correlation Analysis With Application to Imaging (Epi)Genomics Study of Schizophrenia. <i>IEEE Transactions on Biomedical Engineering</i> , 2018 , 65, 390-399	5	22

116	Multi-Receptive-Field CNN for Semantic Segmentation of Medical Images. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2020 , 24, 3215-3225	7.2	21
115	Identification of a novel FGFR1 MicroRNA target site polymorphism for bone mineral density in meta-analyses of genome-wide association studies. <i>Human Molecular Genetics</i> , 2015 , 24, 4710-27	5.6	19
114	Cross-Tissue Exploration of Genetic and Epigenetic Effects on Brain Gray Matter in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2018 , 44, 443-452	1.3	19
113	An integrative imputation method based on multi-omics datasets. <i>BMC Bioinformatics</i> , 2016 , 17, 247	3.6	19
112	Integrating fMRI and SNP data for biomarker identification for schizophrenia with a sparse representation based variable selection method. <i>BMC Medical Genomics</i> , 2013 , 6 Suppl 3, S2	3.7	19
111	Estimating Dynamic Functional Brain Connectivity With a Sparse Hidden Markov Model. <i>IEEE Transactions on Medical Imaging</i> , 2020 , 39, 488-498	11.7	18
110	Integrative analysis of multiple diverse omics datasets by sparse group multitask regression. <i>Frontiers in Cell and Developmental Biology</i> , 2014 , 2, 62	5.7	17
109	Application of deep canonically correlated sparse autoencoder for the classification of schizophrenia. <i>Computer Methods and Programs in Biomedicine</i> , 2020 , 183, 105073	6.9	17
108	Fused Estimation of Sparse Connectivity Patterns From Rest fMRI-Application to Comparison of Children and Adult Brains. <i>IEEE Transactions on Medical Imaging</i> , 2018 , 37, 2165-2175	11.7	16
107	Alternating Diffusion Map Based Fusion of Multimodal Brain Connectivity Networks for IQ Prediction. <i>IEEE Transactions on Biomedical Engineering</i> , 2019 , 66, 2140-2151	5	16
106	Enforcing Co-Expression Within a Brain-Imaging Genomics Regression Framework. <i>IEEE Transactions on Medical Imaging</i> , 2018 , 37, 2561-2571	11.7	15
105	The Developmental Chronnecto-Genomics (Dev-CoG) study: A multimodal study on the developing brain. <i>NeuroImage</i> , 2021 , 225, 117438	7.9	15
104	Integrated analysis of gene expression and copy number data on gene shaving using independent component analysis. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2011 , 8, 1568-79	3	14
103	A Manifold Regularized Multi-Task Learning Model for IQ Prediction From Two fMRI Paradigms. <i>IEEE Transactions on Biomedical Engineering</i> , 2020 , 67, 796-806	5	14
102	Deep Collaborative Learning With Application to the Study of Multimodal Brain Development. <i>IEEE Transactions on Biomedical Engineering</i> , 2019 , 66, 3346-3359	5	12
101	Reliability of the NIH toolbox cognitive battery in children and adolescents: a 3-year longitudinal examination. <i>Psychological Medicine</i> , 2020 , 1-10	6.9	12
100	Dynamic Resting-State Connectivity Differences in Eyes Open Versus Eyes Closed Conditions. <i>Brain Connectivity</i> , 2020 , 10, 504-519	2.7	12
99	Spatial source phase: A new feature for identifying spatial differences based on complex-valued resting-state fMRI data. <i>Human Brain Mapping</i> , 2019 , 40, 2662-2676	5.9	11

98	Neural oscillatory dynamics serving abstract reasoning reveal robust sex differences in typically-developing children and adolescents. <i>Developmental Cognitive Neuroscience</i> , 2020 , 42, 100770	5.5	10
97	Fast and Accurate Detection of Complex Imaging Genetics Associations Based on Greedy Projected Distance Correlation. <i>IEEE Transactions on Medical Imaging</i> , 2018 , 37, 860-870	11.7	10
96	Integrating Imaging Genomic Data in the Quest for Biomarkers of Schizophrenia Disease. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2018 , 15, 1480-1491	3	10
95	Integration of SNPs-fMRI-methylation data with sparse multi-CCA for schizophrenia study. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2016 , 2016, 3310-3313	0.9	10
94	Multi-Hypergraph Learning-Based Brain Functional Connectivity Analysis in fMRI Data. <i>IEEE Transactions on Medical Imaging</i> , 2020 , 39, 1746-1758	11.7	10
93	A kernel machine method for detecting higher order interactions in multimodal datasets: Application to schizophrenia. <i>Journal of Neuroscience Methods</i> , 2018 , 309, 161-174	3	10
92	Influence Function and Robust Variant of Kernel Canonical Correlation Analysis. <i>Neurocomputing</i> , 2018 , 304, 12-29	5.4	10
91	Pubertal Testosterone Tracks the Developmental Trajectory of Neural Oscillatory Activity Serving Visuospatial Processing. <i>Cerebral Cortex</i> , 2020 , 30, 5960-5971	5.1	9
90	FDR-Corrected Sparse Canonical Correlation Analysis With Applications to Imaging Genomics. <i>IEEE Transactions on Medical Imaging</i> , 2018 , 37, 1761-1774	11.7	9
89	Brain Development Includes Linear and Multiple Nonlinear Trajectories: A Cross-Sectional Resting-State Functional Magnetic Resonance Imaging Study. <i>Brain Connectivity</i> , 2019 , 9, 777-788	2.7	9
88	Shift-Invariant Canonical Polyadic Decomposition of Complex-Valued Multi-Subject fMRI Data With a Phase Sparsity Constraint. <i>IEEE Transactions on Medical Imaging</i> , 2020 , 39, 844-853	11.7	8
87	Development and sex modulate visuospatial oscillatory dynamics in typically-developing children and adolescents. <i>NeuroImage</i> , 2020 , 221, 117192	7.9	8
86	Functional connectome fingerprinting: Identifying individuals and predicting cognitive functions via autoencoder. <i>Human Brain Mapping</i> , 2021 , 42, 2691-2705	5.9	8
85	Integration of Imaging (epi)Genomics Data for the Study of Schizophrenia Using Group Sparse Joint Nonnegative Matrix Factorization. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2020 , 17, 1671-1681	3	8
84	Aberrant Brain Connectivity in Schizophrenia Detected via a Fast Gaussian Graphical Model. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2019 , 23, 1479-1489	7.2	7
83	Refined measure of functional connectomes for improved identifiability and prediction. <i>Human Brain Mapping</i> , 2019 , 40, 4843-4858	5.9	7
82	On LARS/Homotopy Equivalence Conditions for Over-Determined LASSO. <i>IEEE Signal Processing Letters</i> , 2012 , 19, 894-897	3.2	7
81	Bio marker identification for diagnosis of schizophrenia with integrated analysis of fMRI and SNPs 2012 ,		7

80	Neural oscillations underlying selective attention follow sexually divergent developmental trajectories during adolescence. <i>Developmental Cognitive Neuroscience</i> , 2021 , 49, 100961	5.5	7
79	Group Sparse Joint Non-negative Matrix Factorization on Orthogonal Subspace for Multi-modal Imaging Genetics Data Analysis. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2020 , PP,	3	6
78	Distance canonical correlation analysis with application to an imaging-genetic study. <i>Journal of Medical Imaging</i> , 2019 , 6, 026501	2.6	6
77	A GICA-TVGL framework to study sex differences in resting state fMRI dynamic connectivity. <i>Journal of Neuroscience Methods</i> , 2020 , 332, 108531	3	6
76	A patch-based tensor decomposition algorithm for M-FISH image classification. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2017 , 91, 622-632	4.6	5
75	A robust sparse-modeling framework for estimating schizophrenia biomarkers from fMRI. <i>Journal of Neuroscience Methods</i> , 2017 , 276, 46-55	3	5
74	Unified tests for fine-scale mapping and identifying sparse high-dimensional sequence associations. <i>Bioinformatics</i> , 2016 , 32, 330-7	7.2	5
73	Interpretable Multimodal Fusion Networks Reveal Mechanisms of Brain Cognition. <i>IEEE Transactions on Medical Imaging</i> , 2021 , 40, 1474-1483	11.7	5
72	Multimodal Sparse Classifier for Adolescent Brain Age Prediction. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2020 , 24, 336-344	7.2	5
71	Biomarker Identification Through Integrating fMRI and Epigenetics. <i>IEEE Transactions on Biomedical Engineering</i> , 2020 , 67, 1186-1196	5	5
70	Spontaneous cortical MEG activity undergoes unique age- and sex-related changes during the transition to adolescence. <i>NeuroImage</i> , 2021 , 244, 118552	7.9	5
69	Resolution-based spectral clustering for brain parcellation using functional MRI. <i>Journal of Neuroscience Methods</i> , 2020 , 335, 108628	3	4
68	Imposing Uniqueness to Achieve Sparsity. <i>Signal Processing</i> , 2016 , 12, 1-8	4.4	4
67	Identifying genetic connections with brain functions in schizophrenia using group sparse canonical correlation analysis 2013 ,		4
66	Prediction and classification of sleep quality based on phase synchronization related whole-brain dynamic connectivity using resting state fMRI. <i>NeuroImage</i> , 2020 , 221, 117190	7.9	4
65	Parietal Oscillatory Dynamics Mediate Developmental Improvement in Motor Performance. <i>Cerebral Cortex</i> , 2020 , 30, 6405-6414	5.1	4
64	Exact and Robust Reconstructions of Integer Vectors Based on Multidimensional Chinese Remainder Theorem (MD-CRT).. <i>IEEE Transactions on Signal Processing</i> , 2020 , 68, 5349-5364	4.8	4
63	Influence Function of Multiple Kernel Canonical Analysis to Identify Outliers in Imaging Genetics Data 2016 ,		4

62	Traumatic Events Are Associated with Diverse Psychological Symptoms in Typically-Developing Children. <i>Journal of Child and Adolescent Trauma</i> , 2020 , 13, 381-388	1.5	4
61	Integrated computational biology analysis to evaluate target genes for chronic myelogenous leukemia. <i>Molecular Medicine Reports</i> , 2018 , 18, 1766-1772	2.9	4
60	Examining brain maturation during adolescence using graph Laplacian learning based Fourier transform. <i>Journal of Neuroscience Methods</i> , 2020 , 338, 108649	3	3
59	Segmentation of Multicolor Fluorescence In-Situ Hybridization (M-FISH) image using an improved Fuzzy C-means clustering algorithm while incorporating both spatial and spectral information 2015 ,		3
58	Subtyping of Gliomaby Combining Gene Expression and CNVs Data Based on a Compressive Sensing Approach. <i>Advancements in Genetic Engineering</i> , 2012 , 1, 101		3
57	Low-Rank Tucker-2 Model for Multi-Subject fMRI Data Decomposition with Spatial Sparsity Constraint. <i>IEEE Transactions on Medical Imaging</i> , 2021 , PP,	11.7	3
56	Multi-modal Brain Connectivity Study Using Deep Collaborative Learning. <i>Lecture Notes in Computer Science</i> , 2018 , 66-73	0.9	3
55	Extraction of co-expressed discriminative features of Schizophrenia in imaging epigenetics framework 2019 ,		3
54	Optimized Combination of Multiple Graphs With Application to the Integration of Brain Imaging and (epi)Genomics Data. <i>IEEE Transactions on Medical Imaging</i> , 2020 , 39, 1801-1811	11.7	3
53	Robust Kernel Canonical Correlation Analysis to Detect Gene-Gene Interaction for Imaging Genetics Data 2016 ,		3
52	Learning schizophrenia imaging genetics data via Multiple Kernel Canonical Correlation Analysis 2016 ,		3
51	Joint Bayesian-Incorporating Estimation of Multiple Gaussian Graphical Models to Study Brain Connectivity Development in Adolescence. <i>IEEE Transactions on Medical Imaging</i> , 2020 , 39, 357-365	11.7	3
50	Correlation Guided Graph Learning to Estimate Functional Connectivity Patterns From fMRI Data. <i>IEEE Transactions on Biomedical Engineering</i> , 2021 , 68, 1154-1165	5	3
49	Ensemble Manifold Regularized Multi-Modal Graph Convolutional Network for Cognitive Ability Prediction. <i>IEEE Transactions on Biomedical Engineering</i> , 2021 , 68, 3564-3573	5	3
48	Hippocampal and parahippocampal volumes vary by sex and traumatic life events in children. <i>Journal of Psychiatry and Neuroscience</i> , 2020 , 45, 288-297	4.5	2
47	Log-sum enhanced sparse deep neural network. <i>Neurocomputing</i> , 2020 , 407, 206-220	5.4	2
46	A Sparse Regression Method for Group-Wise Feature Selection with False Discovery Rate Control. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2018 , 15, 1066-1078	3	2
45	Robust kernel canonical correlation analysis to detect gene-gene co-associations: A case study in genetics. <i>Journal of Bioinformatics and Computational Biology</i> , 2019 , 17, 1950028	1	2

44	ENFORCING CO-EXPRESSION IN MULTIMODAL REGRESSION FRAMEWORK. <i>Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing</i> , 2017 , 22, 105-116	1.3	2
43	The effective diagnosis of schizophrenia by using multi-layer RBMs deep networks 2015 ,		2
42	Characterization of human chromosomal material exchange with regard to the chromosome translocations using next-generation sequencing data. <i>Genome Biology and Evolution</i> , 2014 , 6, 3015-24	3.9	2
41	Two-Step Feature Selection for Identifying Developmental Differences in Resting fMRI Intrinsic Connectivity Networks. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 4298	2.6	2
40	High dimensional latent Gaussian copula model for mixed data in imaging genetics 2018 ,		2
39	A systematic dissection of human primary osteoblasts at single-cell resolution. <i>Aging</i> , 2021 , 13, 20629-20650	6.5	2
38	Sexually dimorphic development in the cortical oscillatory dynamics serving early visual processing. <i>Developmental Cognitive Neuroscience</i> , 2021 , 50, 100968	5.5	2
37	Subclinical Anxiety and Posttraumatic Stress Influence Cortical Thinning During Adolescence. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2021 , 60, 1288-1299	7.2	2
36	A Joint Least Squares and Least Absolute Deviation Model. <i>IEEE Signal Processing Letters</i> , 2019 , 26, 543-547	5.4	1
35	Causality-Based Feature Fusion for Brain Neuro-Developmental Analysis. <i>IEEE Transactions on Medical Imaging</i> , 2020 , 39, 3290-3299	11.7	1
34	Joint Detection of Associations between DNA Methylation and Gene Expression from Multiple Cancers. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2018 , 22, 1960-1969	7.2	1
33	A Parallelizable Framework for Segmenting Piecewise Signals. <i>IEEE Access</i> , 2019 , 7, 13217-13229	3.5	1
32	Integration of multiple genomic imaging data for the study of schizophrenia using joint nonnegative matrix factorization 2017 ,		1
31	Classification of multicolor fluorescence in-situ hybridization (M-FISH) image using structure based sparse representation model 2012 ,		1
30	Sparse representation based biomarker selection for schizophrenia with integrated analysis of fMRI and SNP data 2013 ,		1
29	Subtyping of Leukemia with Gene Expression Analysis Using Compressive Sensing Method 2011 ,		1
28	Classification of Schizophrenia Patients with Combined Analysis of SNP and fMRI Data Based on Sparse Representation 2011 ,		1
27	Integrated Analysis of Gene Expression and Gene Copy Number for Gene Shaving Based on ICA Approach 2011 ,		1

26	Developmental trajectory of MEG resting-state oscillatory activity in children and adolescents: a longitudinal reliability study.. <i>Cerebral Cortex</i> , 2022 ,	5.1	1
25	Segmentation of multicolor fluorescence hybridization images using an improved fuzzy C-means clustering algorithm by incorporating both spatial and spectral information. <i>Journal of Medical Imaging</i> , 2017 , 4, 044001	2.6	1
24	HOPS: A Fast Algorithm for Segmenting Piecewise Polynomials of Arbitrary Orders. <i>IEEE Access</i> , 2021 , 9, 155977-155987	3.5	1
23	A hybrid correlation analysis with application to imaging genetics 2018 ,		1
22	Functional network estimation using multigraph learning with application to brain maturation study. <i>Human Brain Mapping</i> , 2021 , 42, 2880-2892	5.9	1
21	Sparse deep dictionary learning identifies differences of time-varying functional connectivity in brain neuro-developmental study. <i>Neural Networks</i> , 2021 , 135, 91-104	9.1	1
20	Resting-state functional connectivity of the human hippocampus in periadolescent children: Associations with age and memory performance. <i>Human Brain Mapping</i> , 2021 , 42, 3620-3642	5.9	1
19	Modular and state-relevant functional network connectivity in high-frequency eyes open vs eyes closed resting fMRI data. <i>Journal of Neuroscience Methods</i> , 2021 , 358, 109202	3	1
18	The general critical analysis for continuous-time UPPAM recurrent neural networks. <i>Neurocomputing</i> , 2016 , 175, 40-46	5.4	1
17	A Latent Gaussian Copula Model for Mixed Data Analysis in Brain Imaging Genetics. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2021 , 18, 1350-1360	3	1
16	An ensemble hybrid feature selection method for neuropsychiatric disorder classification. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2021 , PP,	3	1
15	Frontoparietal network and neuropsychological measures in typically developing children. <i>Neuropsychologia</i> , 2021 , 159, 107914	3.2	1
14	A deep autoencoder with sparse and graph Laplacian regularization for characterizing dynamic functional connectivity during brain development. <i>Neurocomputing</i> , 2021 , 456, 97-108	5.4	1
13	Canonical Correlation Analysis of Imaging Genetics Data Based on Statistical Independence and Structural Sparsity. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2020 , 24, 2621-2629	7.2	0
12	Individual differences in amygdala volumes predict changes in functional connectivity between subcortical and cognitive control networks throughout adolescence: Structure-function relationships in neurodevelopment.. <i>NeuroImage</i> , 2021 , 118852	7.9	0
11	A Joint Analysis of Multi-Paradigm fMRI Data With Its Application to Cognitive Study. <i>IEEE Transactions on Medical Imaging</i> , 2021 , 40, 951-962	11.7	0
10	Multi-Paradigm fMRI Fusion via Sparse Tensor Decomposition in Brain Functional Connectivity Study. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021 , 25, 1712-1723	7.2	0
9	Multiview Diffusion Map Improves Prediction of Fluid Intelligence With Two Paradigms of fMRI Analysis. <i>IEEE Transactions on Biomedical Engineering</i> , 2021 , 68, 2529-2539	5	0

8	A generalized kernel machine approach to identify higher-order composite effects in multi-view datasets, with application to adolescent brain development and osteoporosis. <i>Journal of Biomedical Informatics</i> , 2021 , 120, 103854	10.2	○
7	Deep Learning in Neuroimaging: Promises and challenges. <i>IEEE Signal Processing Magazine</i> , 2022 , 39, 87-98	9.4	○
6	Detection of False-Positive Deletions from the Database of Genomic Variants. <i>BioMed Research International</i> , 2019 , 2019, 8420547	3	
5	Knowledge database assisted gene marker selection for chronic lymphocytic leukemia. <i>Journal of International Medical Research</i> , 2018 , 46, 3358-3364	1.4	
4	Altered resting fMRI spectral power in data-driven brain networks during development: A longitudinal study.. <i>Journal of Neuroscience Methods</i> , 2022 , 372, 109537	3	
3	Functional connectomes incorporating phase synchronization for the characterization and prediction of individual differences.. <i>Journal of Neuroscience Methods</i> , 2022 , 372, 109539	3	
2	Longitudinal changes in the neural oscillatory dynamics underlying abstract reasoning in children and adolescents.. <i>NeuroImage</i> , 2022 , 253, 119094	7.9	
1	Amygdala and hippocampal subregions mediate outcomes following trauma during typical development: Evidence from high-resolution structural MRI.. <i>Neurobiology of Stress</i> , 2022 , 18, 100456	7.6	