

Wenxing Hu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Multi-omics Data Integration for Identifying Osteoporosis Biomarkers and Their Biological Interaction and Causal Mechanisms. IScience, 2020, 23, 100847.	4.1	48
2	Deep Collaborative Learning With Application to the Study of Multimodal Brain Development. IEEE Transactions on Biomedical Engineering, 2019, 66, 3346-3359.	4.2	34
3	Application of deep canonically correlated sparse autoencoder for the classification of schizophrenia. Computer Methods and Programs in Biomedicine, 2020, 183, 105073.	4.7	34
4	Adaptive sparse multiple canonical correlation analysis with application to imaging (epi)genomics study of schizophrenia. IEEE Transactions on Biomedical Engineering, 2017, 65, 1-1.	4.2	30
5	Interpretable Multimodal Fusion Networks Reveal Mechanisms of Brain Cognition. IEEE Transactions on Medical Imaging, 2021, 40, 1474-1483.	8.9	30
6	Deep Learning in Neuroimaging: Promises and challenges. IEEE Signal Processing Magazine, 2022, 39, 87-98.	5.6	25
7	Functional connectome fingerprinting: Identifying individuals and predicting cognitive functions via autoencoder. Human Brain Mapping, 2021, 42, 2691-2705.	3.6	23
8	Ensemble Manifold Regularized Multi-Modal Graph Convolutional Network for Cognitive Ability Prediction. IEEE Transactions on Biomedical Engineering, 2021, 68, 3564-3573.	4.2	20
9	Integrating Imaging Genomic Data in the Quest for Biomarkers of Schizophrenia Disease. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2018, 15, 1480-1491.	3.0	13
10	Refined measure of functional connectomes for improved identifiability and prediction. Human Brain Mapping, 2019, 40, 4843-4858.	3.6	13
11	Integration of SNPs-fMRI-methylation data with sparse multi-CCA for schizophrenia study. , 2016, 2016, 3310-3313.		12
12	A GICA-TVGL framework to study sex differences in resting state fMRI dynamic connectivity. Journal of Neuroscience Methods, 2020, 332, 108531.	2.5	11
13	Distance canonical correlation analysis with application to an imaging-genetic study. Journal of Medical Imaging, 2019, 6, 1.	1.5	8
14	Biomarker Identification Through Integrating fMRI and Epigenetics. IEEE Transactions on Biomedical Engineering, 2020, 67, 1186-1196.	4.2	7
15	Brain Functional Connectivity Analysis via Graphical Deep Learning. IEEE Transactions on Biomedical Engineering, 2022, 69, 1696-1706.	4.2	5
16	A Latent Gaussian Copula Model for Mixed Data Analysis in Brain Imaging Genetics. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2021, 18, 1350-1360.	3.0	4
17	Joint Bayesian-Incorporating Estimation of Multiple Gaussian Graphical Models to Study Brain Connectivity Development in Adolescence. IEEE Transactions on Medical Imaging, 2020, 39, 357-365.	8.9	4
18	Functional network estimation using multigraph learning with application to brain maturation study. Human Brain Mapping, 2021, 42, 2880-2892.	3.6	3

#	ARTICLE	IF	CITATIONS
19	Schizophrenia Prediction Using Integrated Imaging Genomic Networks. <i>Advances in Science, Technology and Engineering Systems</i> , 2017, 2, 702-710.	0.5	3
20	Multi-modal Brain Connectivity Study Using Deep Collaborative Learning. <i>Lecture Notes in Computer Science</i> , 2018, , 66-73.	1.3	3
21	A graph deep learning model for the classification of groups with different IQ using resting state fMRI. , 2020, , .		3
22	A hybrid correlation analysis with application to imaging genetics. , 2018, , .		1