

Wenxing Hu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Brain Functional Connectivity Analysis via Graphical Deep Learning. IEEE Transactions on Biomedical Engineering, 2022, 69, 1696-1706.	4.2	5
2	Deep Learning in Neuroimaging: Promises and challenges. IEEE Signal Processing Magazine, 2022, 39, 87-98.	5.6	25
3	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
4	Functional network estimation using multigraph learning with application to brain maturation study. Human Brain Mapping, 2021, 42, 2880-2892.	3.6	3
5	Functional connectome fingerprinting: Identifying individuals and predicting cognitive functions via autoencoder. Human Brain Mapping, 2021, 42, 2691-2705.	3.6	23
6	Interpretable Multimodal Fusion Networks Reveal Mechanisms of Brain Cognition. IEEE Transactions on Medical Imaging, 2021, 40, 1474-1483.	8.9	30
7	Ensemble Manifold Regularized Multi-Modal Graph Convolutional Network for Cognitive Ability Prediction. IEEE Transactions on Biomedical Engineering, 2021, 68, 3564-3573.	4.2	20
8	Application of deep canonically correlated sparse autoencoder for the classification of schizophrenia. Computer Methods and Programs in Biomedicine, 2020, 183, 105073.	4.7	34
9	Biomarker Identification Through Integrating fMRI and Epigenetics. IEEE Transactions on Biomedical Engineering, 2020, 67, 1186-1196.	4.2	7
10	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
11	A GICA-TVGL framework to study sex differences in resting state fMRI dynamic connectivity. Journal of Neuroscience Methods, 2020, 332, 108531.	2.5	11
12	Multi-omics Data Integration for Identifying Osteoporosis Biomarkers and Their Biological Interaction and Causal Mechanisms. IScience, 2020, 23, 100847.	4.1	48
13	A graph deep learning model for the classification of groups with different IQ using resting state fMRI. , 2020, , .		3
14	Refined measure of functional connectomes for improved identifiability and prediction. Human Brain Mapping, 2019, 40, 4843-4858.	3.6	13
15	Deep Collaborative Learning With Application to the Study of Multimodal Brain Development. IEEE Transactions on Biomedical Engineering, 2019, 66, 3346-3359.	4.2	34
16	Distance canonical correlation analysis with application to an imaging-genetic study. Journal of Medical Imaging, 2019, 6, 1.	1.5	8
17	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
18	Multi-modal Brain Connectivity Study Using Deep Collaborative Learning. Lecture Notes in Computer Science, 2018, , 66-73.	1.3	3

#	ARTICLE	IF	CITATIONS
19	A hybrid correlation analysis with application to imaging genetics. , 2018, , .		1
20	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
21	Schizophrenia Prediction Using Integrated Imaging Genomic Networks. Advances in Science, Technology and Engineering Systems, 2017, 2, 702-710.	0.5	3
22	Integration of SNPs-FMRI-methylation data with sparse multi-CCA for schizophrenia study. , 2016, 2016, 3310-3313.		12