Gemeng Zhang

List of Publications by Year
in descending order

12 papers	181 citations	1307594 7 h-index	1281871 11 g-index
12 all docs	12 docs citations	12 times ranked	222 citing authors

#	ARTICLE	IF	CITATIONS
1	Functional connectomes incorporating phase synchronization for the characterization and prediction of individual differences. Journal of Neuroscience Methods, 2022, 372, 109539.	2.5	0
2	Detecting abnormal connectivity in schizophrenia via a joint directed acyclic graph estimation model. NeuroImage, 2022, 260, 119451.	4.2	4
3	Multi-Paradigm fMRI Fusion via Sparse Tensor Decomposition in Brain Functional Connectivity Study. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 1712-1723.	6.3	7
4	Functional connectome fingerprinting: Identifying individuals and predicting cognitive functions via autoencoder. Human Brain Mapping, 2021, 42, 2691-2705.	3.6	23
5	Interpretable Multimodal Fusion Networks Reveal Mechanisms of Brain Cognition. IEEE Transactions on Medical Imaging, 2021, 40, 1474-1483.	8.9	30
6	Estimating Dynamic Functional Brain Connectivity With a Sparse Hidden Markov Model. IEEE Transactions on Medical Imaging, 2020, 39, 488-498.	8.9	33
7	A GICA-TVGL framework to study sex differences in resting state fMRI dynamic connectivity. Journal of Neuroscience Methods, 2020, 332, 108531.	2.5	11
8	Prediction and classification of sleep quality based on phase synchronization related whole-brain dynamic connectivity using resting state fMRI. NeuroImage, 2020, 221, 117190.	4.2	18
9	Causality-Based Feature Fusion for Brain Neuro-Developmental Analysis. IEEE Transactions on Medical Imaging, 2020, 39, 3290-3299.	8.9	4
10	Refined measure of functional connectomes for improved identifiability and prediction. Human Brain Mapping, 2019, 40, 4843-4858.	3.6	13
11	Capturing Dynamic Connectivity From Resting State fMRI Using Time-Varying Graphical Lasso. IEEE Transactions on Biomedical Engineering, 2019, 66, 1852-1862.	4.2	32
12	Semi-supervised learning through adaptive Laplacian graph trimming. Image and Vision Computing, 2017, 60, 38-47.	4.5	6