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Predicting Brain Age Based on Spatial and Temporal Features of Human Brain Functional Networks

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#	Paper	IF	Citations
23	Sample Entropy Combined with the K-Means Clustering Algorithm Reveals Six Functional Networks of the Brain. <i>Entropy</i> , 2019 , 21, 1156	2.8	4
22	Construction and analysis of brain networks from different neuroimaging techniques. <i>International Journal of Neuroscience</i> , 2020 , 1-22	2	5
21	Causality-Based Feature Fusion for Brain Neuro-Developmental Analysis. <i>IEEE Transactions on Medical Imaging</i> , 2020 , 39, 3290-3299	11.7	1
20	Alterations of local functional connectivity in lifespan: A resting-state fMRI study. <i>Brain and Behavior</i> , 2020 , 10, e01652	3.4	5
19	Functional brain connectivity changes across the human life span: From fetal development to old age. <i>Journal of Neuroscience Research</i> , 2021 , 99, 236-262	4.4	11
18	Correlation Constraints for Regression Models: Controlling Bias in Brain Age Prediction. <i>Frontiers in Psychiatry</i> , 2021 , 12, 615754	5	6
17	Multimodal Image Analysis of Apparent Brain Age Identifies Physical Fitness as Predictor of Brain Maintenance. <i>Cerebral Cortex</i> , 2021 , 31, 3393-3407	5.1	10
16	Brain age prediction using fMRI network coupling in youths and associations with psychiatric symptoms.		1
15	Disentangling the association between genetics and functional connectivity in Mild Cognitive Impairment. 2021 ,		0
14	Individual variation underlying brain age estimates in typical development. <i>NeuroImage</i> , 2021 , 235, 118036	7.9	5
13	Accelerated functional brain aging in pre-clinical familial Alzheimer's disease. <i>Nature Communications</i> , 2021 , 12, 5346	17.4	6
12	Functional brain age prediction suggests accelerated aging in preclinical familial Alzheimer's disease, irrespective of fibrillar amyloid-beta pathology.		3
11	Individualized Prediction of Brain Network Interactions using Deep Siamese Networks. 2020 ,		1
10	The Evaluation of Brain Age Prediction by Different Functional Brain Network Construction Methods. <i>Lecture Notes in Computer Science</i> , 2020 , 122-134	0.9	0
9	Brain age prediction using fMRI network coupling in youths and associations with psychiatric symptoms.. <i>NeuroImage: Clinical</i> , 2021 , 33, 102921	5.3	1
8	Deep learning based photo acoustic imaging for non-invasive imaging. <i>Multimedia Tools and Applications</i> , 2022 , 81, 7501	2.5	3
7	Evaluation of functional MRI-based human brain parcellation: a review. <i>Journal of Neurophysiology</i> , 2022 , 128, 197-217	3.2	0

- 6 The older adult brain is less modular, more integrated, and less efficient at rest: A systematic review of large-scale resting-state functional brain networks in aging. 1
- 5 Thalamo-cortical inter-subject functional correlation during movie watching across the adult lifespan. 16, 0
- 4 Accelerated functional brain aging in major depressive disorder: evidence from a large scale fMRI analysis of Chinese participants. **2022**, 12, 0
- 3 Brain age gap in neuromyelitis optica spectrum disorders and multiple sclerosis. jnnp-2022-329680 0
- 2 Underlying differences in resting-state activity metrics related to sensitivity to punishment. **2023**, 437, 114152 0
- 1 A Skewed Loss Function for Correcting Predictive Bias in Brain Age Prediction. **2022**, 1-1 0