Xuhong Liao

List of Publications by Year
in descending order

23 papers	2,096 citations	471509 17 h-index	610901 24 g-index
24 all docs	24 docs citations	24 times ranked	2964 citing authors

#	Article	IF	Citations
1	Different computational relations in language are captured by distinct brain systems. Cerebral Cortex, 2023, 33, 997-1013.	2.9	8
2	Progressive Stabilization of Brain Network Dynamics during Childhood and Adolescence. Cerebral Cortex, 2022, 32, 1024-1039.	2.9	14
3	Frequency-Resolved Connectome Hubs and Their Test-Retest Reliability in the Resting Human Brain. Neuroscience Bulletin, 2022, 38, 519-532.	2.9	2
4	Alterations in Connectome Dynamics in Autism Spectrum Disorder: A Harmonized Mega- and Meta-analysis Study Using the Autism Brain Imaging Data Exchange Dataset. Biological Psychiatry, 2022, 91, 945-955.	1.3	27
5	Development of the default-mode network during childhood and adolescence: A longitudinal resting-state fMRI study. NeuroImage, 2021, 226, 117581.	4.2	74
6	Individual Uniqueness in the Neonatal Functional Connectome. Cerebral Cortex, 2021, 31, 3701-3712.	2.9	13
7	Association of aerobic glycolysis with the structural connectome reveals a benefitâ€“risk balancing mechanism in the human brain. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, e2013232118.	7.1	5
8	Transdiagnostic Dysfunctions in Brain Modules Across Patients with Schizophrenia, Bipolar Disorder, and Major Depressive Disorder: A Connectome-Based Study. Schizophrenia Bulletin, 2020, 46, 699-712.	4.3	78
9	The spatial organization of the chronnectome associates with cortical hierarchy and transcriptional profiles in the human brain. NeuroImage, 2020, 222, 117296.	4.2	29
10	Development and Emergence of Individual Variability in the Functional Connectivity Architecture of the Preterm Human Brain. Cerebral Cortex, 2019, 29, 4208-4222.	2.9	44
11	Unbiased age-specific structural brain atlases for Chinese pediatric population. NeuroImage, 2019, 189, 55-70.	4.2	50
12	PAGANI Toolkit: Parallel graphâ€theoretical analysis package for brain network big data. Human Brain Mapping, 2018, 39, 1869-1885.	3.6	12
13	Chronnectome fingerprinting: Identifying individuals and predicting higher cognitive functions using dynamic brain connectivity patterns. Human Brain Mapping, 2018, 39, 902-915.	3.6	164
14	Topological analyses of functional connectomics: A crucial role of global signal removal, brain parcellation, and null models. Human Brain Mapping, 2018, 39, 4545-4564.	3.6	35
15	Early Development of Functional Network Segregation Revealed by Connectomic Analysis of the Preterm Human Brain. Cerebral Cortex, 2017, 27, bhw038.	2.9	117
16	Intrinsic Brain Hub Connectivity Underlies Individual Differences in Spatial Working Memory. Cerebral Cortex, 2017, 27, 5496-5508.	2.9	66
17	Individual differences and time-varying features of modular brain architecture. NeuroImage, 2017, 152, 94-107.	4.2	87
18	Identifying topological motif patterns of human brain functional networks. Human Brain Mapping, 2017, 38, 2734-2750.	3.6	19

#	Article	IF	Citations
19	APOE Genotype Effects on Intrinsic Brain Network Connectivity in Patients with Amnestic Mild Cognitive Impairment. Scientific Reports, 2017, 7, 397.	3.3	23
20	Small-world human brain networks: Perspectives and challenges. Neuroscience and Biobehavioral Reviews, 2017, 77, 286-300.	6.1	285
21	GRETNA: a graph theoretical network analysis toolbox for imaging connectomics. Frontiers in Human Neuroscience, 2015, 9, 386.	2.0	758
22	Spontaneous functional network dynamics and associated structural substrates in the human brain. Frontiers in Human Neuroscience, 2015, 9, 478.	2.0	58
23	Dynamic functional connectivity revealed by resting-state functional near-infrared spectroscopy. Biomedical Optics Express, 2015, 6, 2337.	2.9	39