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	GRETNA: a graph theoretical network analysis toolbox for imaging connectomics. Frontiers in Human Neuroscience, 2015, 9, 386.	2.0	758
2	Small-world human brain networks: Perspectives and challenges. Neuroscience and Biobehavioral Reviews, 2017, 77, 286-300.	6.1	285
3	Chronnectome fingerprinting: Identifying individuals and predicting higher cognitive functions using dynamic brain connectivity patterns. Human Brain Mapping, 2018, 39, 902-915.	3.6	164
4	Early Development of Functional Network Segregation Revealed by Connectomic Analysis of the Preterm Human Brain. Cerebral Cortex, 2017, 27, bhw038.	2.9	117
5	Individual differences and time-varying features of modular brain architecture. NeuroImage, 2017, 152, 94-107.	4.2	87
6	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
7	Development of the default-mode network during childhood and adolescence: A longitudinal resting-state fMRI study. NeuroImage, 2021, 226, 117581.	4.2	74
8	Intrinsic Brain Hub Connectivity Underlies Individual Differences in Spatial Working Memory. Cerebral Cortex, 2017, 27, 5496-5508.	2.9	66
9	Spontaneous functional network dynamics and associated structural substrates in the human brain. Frontiers in Human Neuroscience, 2015, 9, 478.	2.0	58
10	Unbiased age-specific structural brain atlases for Chinese pediatric population. NeuroImage, 2019, 189, 55-70.	4.2	50
11	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
12	Dynamic functional connectivity revealed by resting-state functional near-infrared spectroscopy. Biomedical Optics Express, 2015, 6, 2337.	2.9	39
13	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
14	The spatial organization of the chronnectome associates with cortical hierarchy and transcriptional profiles in the human brain. NeuroImage, 2020, 222, 117296.	4.2	29
15	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
16	APOE Genotype Effects on Intrinsic Brain Network Connectivity in Patients with Amnestic Mild Cognitive Impairment. Scientific Reports, 2017, 7, 397.	3.3	23
17	Identifying topological motif patterns of human brain functional networks. Human Brain Mapping, 2017, 38, 2734-2750.	3.6	19
18	Progressive Stabilization of Brain Network Dynamics during Childhood and Adolescence. Cerebral Cortex, 2022, 32, 1024-1039.	2.9	14

#	Article	IF	Citations
19	Individual Uniqueness in the Neonatal Functional Connectome. Cerebral Cortex, 2021, 31, 3701-3712.	2.9	13
20	PAGANI Toolkit: Parallel graphâ€theoretical analysis package for brain network big data. Human Brain Mapping, 2018, 39, 1869-1885.	3.6	12
21	Different computational relations in language are captured by distinct brain systems. Cerebral Cortex, 2023, 33, 997-1013.	2.9	8
22	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
23	Frequency-Resolved Connectome Hubs and Their Test-Retest Reliability in the Resting Human Brain. Neuroscience Bulletin, 2022, 38, 519-532.	2.9	2