

Siyuan Liu

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

2,031
citations

516710

16
h-index

501196

28
g-index

32
all docs

32
docs citations

32
times ranked

2956
citing authors

#	ARTICLE	IF	CITATIONS
1	On testing for spatial correspondence between maps of human brain structure and function. <i>NeuroImage</i> , 2018, 178, 540-551.	4.2	441
2	Morphometric Similarity Networks Detect Microscale Cortical Organization and Predict Inter-Individual Cognitive Variation. <i>Neuron</i> , 2018, 97, 231-247.e7.	8.1	307
3	Normative brain size variation and brain shape diversity in humans. <i>Science</i> , 2018, 360, 1222-1227.	12.6	194
4	Neural Correlates of Lyrical Improvisation: An fMRI Study of Freestyle Rap. <i>Scientific Reports</i> , 2012, 2, 834.	3.3	155
5	Transcriptomic and cellular decoding of regional brain vulnerability to neurogenetic disorders. <i>Nature Communications</i> , 2020, 11, 3358.	12.8	141
6	Brain activity and connectivity during poetry composition: Toward a multidimensional model of the creative process. <i>Human Brain Mapping</i> , 2015, 36, 3351-3372.	3.6	133
7	Longitudinally Mapping Childhood Socioeconomic Status Associations with Cortical and Subcortical Morphology. <i>Journal of Neuroscience</i> , 2019, 39, 1365-1373.	3.6	127
8	Integrative structural, functional, and transcriptomic analyses of sex-biased brain organization in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 18788-18798.	7.1	113
9	Neural correlates and network connectivity underlying narrative production and comprehension: A combined fMRI and PET study. <i>Cortex</i> , 2014, 57, 107-127.	2.4	78
10	Overt social interaction and resting state in young adult males with autism: core and contextual neural features. <i>Brain</i> , 2019, 142, 808-822.	7.6	35
11	Denosing the speaking brain: Toward a robust technique for correcting artifact-contaminated fMRI data under severe motion. <i>NeuroImage</i> , 2014, 103, 33-47.	4.2	34
12	A Comprehensive Quantitative Genetic Analysis of Cerebral Surface Area in Youth. <i>Journal of Neuroscience</i> , 2019, 39, 3028-3040.	3.6	30
13	X-chromosome influences on neuroanatomical variation in humans. <i>Nature Neuroscience</i> , 2021, 24, 1216-1224.	14.8	26
14	Reduced Functional Brain Activation and Connectivity During a Working Memory Task in Childhood-Onset Schizophrenia. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2018, 57, 166-174.	0.5	24
15	Imaging local genetic influences on cortical folding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 7430-7436.	7.1	24
16	Morphological integration of the human brain across adolescence and adulthood. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	23
17	Attenuated resting-state functional connectivity in patients with childhood- and adult-onset schizophrenia. <i>Schizophrenia Research</i> , 2018, 197, 219-225.	2.0	22
18	The Heritability of Cortical Folding: Evidence from the Human Connectome Project. <i>Cerebral Cortex</i> , 2021, 31, 702-715.	2.9	20

#	ARTICLE	IF	CITATIONS
19	NRXN1 is associated with enlargement of the temporal horns of the lateral ventricles in psychosis. <i>Translational Psychiatry</i> , 2019, 9, 230.	4.8	18
20	Lack of Gender-Related Differences in Childhood-Onset Schizophrenia. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2016, 55, 792-799.	0.5	17
21	Symptom dimensions and subgroups in childhood-onset schizophrenia. <i>Schizophrenia Research</i> , 2018, 197, 71-77.	2.0	15
22	Sex chromosome aneuploidy alters the relationship between neuroanatomy and cognition. <i>American Journal of Medical Genetics, Part C: Seminars in Medical Genetics</i> , 2020, 184, 493-505.	1.6	10
23	Altered Sex Chromosome Dosage Induces Coordinated Shifts in Cortical Anatomy and Anatomical Covariance. <i>Cerebral Cortex</i> , 2020, 30, 2215-2228.	2.9	7
24	Regional White Matter Scaling in the Human Brain. <i>Journal of Neuroscience</i> , 2021, 41, 7015-7028.	3.6	5
25	Resting-State Functional Connectivity and Psychopathology in Klinefelter Syndrome (47, XXY). <i>Cerebral Cortex</i> , 2021, 31, 4180-4190.	2.9	4
26	Sex Chromosome Dosage Effects on White Matter Structure in the Human Brain. <i>Cerebral Cortex</i> , 2021, 31, 5339-5353.	2.9	4
27	IQ Modulates Coupling Between Diverse Dimensions of Psychopathology in Children and Adolescents. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2023, 62, 59-73.	0.5	3
28	7 T MRI reveals hippocampal structural abnormalities associated with memory intrusions in childhood-onset schizophrenia. <i>Schizophrenia Research</i> , 2018, 202, 431-432.	2.0	2
29	Neuroanatomical anomalies associated with rare AP4E1 mutations in people who stutter. <i>Brain Communications</i> , 2021, 3, fcab266.	3.3	0