

Xiaogang Chen

List of Publications by Year in descending order

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63
papers

1,688
citations

257450

24
h-index

330143

37
g-index

63
all docs

63
docs citations

63
times ranked

3067
citing authors

#	ARTICLE	IF	CITATIONS
1	Reduced Dorsal Prefrontal Gray Matter After Chronic Ketamine Use. <i>Biological Psychiatry</i> , 2011, 69, 42-48.	1.3	127
2	Gender and Regional Differences in Sleep Quality and Insomnia: A General Population-based Study in Hunan Province of China. <i>Scientific Reports</i> , 2017, 7, 43690.	3.3	116
3	Gut microbiome and magnetic resonance spectroscopy study of subjects at ultra-high risk for psychosis may support the membrane hypothesis. <i>European Psychiatry</i> , 2018, 53, 37-45.	0.2	88
4	Association of Structural Magnetic Resonance Imaging Measures With Psychosis Onset in Individuals at Clinical High Risk for Developing Psychosis. <i>JAMA Psychiatry</i> , 2021, 78, 753.	11.0	74
5	Alteration of the gut microbiome in first-episode drug-naïve and chronic medicated schizophrenia correlate with regional brain volumes. <i>Journal of Psychiatric Research</i> , 2020, 123, 136-144.	3.1	68
6	Association between childhood trauma and accelerated telomere erosion in adulthood: A meta-analytic study. <i>Journal of Psychiatric Research</i> , 2017, 93, 64-71.	3.1	66
7	Sleep quality in cigarette smokers and nonsmokers: findings from the general population in central China. <i>BMC Public Health</i> , 2019, 19, 808.	2.9	60
8	Elevated mitochondrial DNA copy number in peripheral blood cells is associated with childhood autism. <i>BMC Psychiatry</i> , 2015, 15, 50.	2.6	56
9	Sleeping problems in Chinese illicit drug dependent subjects. <i>BMC Psychiatry</i> , 2015, 15, 28.	2.6	51
10	Association of telomere length and mitochondrial DNA copy number with risperidone treatment response in first-episode antipsychotic-naïve schizophrenia. <i>Scientific Reports</i> , 2015, 5, 18553.	3.3	50
11	Differential mitochondrial DNA copy number in three mood states of bipolar disorder. <i>BMC Psychiatry</i> , 2018, 18, 149.	2.6	50
12	Abnormal anterior cingulum integrity in first episode, early-onset schizophrenia: A diffusion tensor imaging study. <i>Brain Research</i> , 2010, 1343, 199-205.	2.2	48
13	Alterations in regional homogeneity of resting-state brain activity in ketamine addicts. <i>Neuroscience Letters</i> , 2012, 522, 36-40.	2.1	47
14	Decrease in Temporal Gyrus Gray Matter Volume in First-Episode, Early Onset Schizophrenia: An MRI Study. <i>PLoS ONE</i> , 2012, 7, e40247.	2.5	44
15	Leukocyte Mitochondrial DNA Copy Number in Blood Is Not Associated with Major Depressive Disorder in Young Adults. <i>PLoS ONE</i> , 2014, 9, e96869.	2.5	39
16	Whole-genome sequencing of monozygotic twins discordant for schizophrenia indicates multiple genetic risk factors for schizophrenia. <i>Journal of Genetics and Genomics</i> , 2017, 44, 295-306.	3.9	36
17	Neural activity changes in unaffected children of patients with schizophrenia: A resting-state fMRI study. <i>Schizophrenia Research</i> , 2015, 168, 360-365.	2.0	35
18	Novel Risk Loci Associated With Genetic Risk for Bipolar Disorder Among Han Chinese Individuals. <i>JAMA Psychiatry</i> , 2021, 78, 320.	11.0	35

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19	Shorter telomere length in peripheral blood leukocytes is associated with childhood autism. <i>Scientific Reports</i> , 2014, 4, 7073.	3.3	34
20	Effect of Risperidone Monotherapy on Dynamic Functional Connectivity of Insular Subdivisions in Treatment-Naive, First-Episode Schizophrenia. <i>Schizophrenia Bulletin</i> , 2020, 46, 650-660.	4.3	33
21	Sleeping problems among Chinese heroin-dependent individuals. <i>American Journal of Drug and Alcohol Abuse</i> , 2011, 37, 179-183.	2.1	32
22	A Dissociation in Effects of Risperidone Monotherapy on Functional and Anatomical Connectivity Within the Default Mode Network. <i>Schizophrenia Bulletin</i> , 2019, 45, 1309-1318.	4.3	32
23	White matter microstructural abnormalities in patients with late-onset schizophrenia identified by a voxel-based diffusion tensor imaging. <i>Psychiatry Research - Neuroimaging</i> , 2013, 212, 201-207.	1.8	28
24	A Matrilineal Genetic Legacy from the Last Glacial Maximum Confers Susceptibility to Schizophrenia in Han Chinese. <i>Journal of Genetics and Genomics</i> , 2014, 41, 397-407.	3.9	28
25	Molecular imaging of striatal dopamine transporters in major depression—A meta-analysis. <i>Journal of Affective Disorders</i> , 2015, 174, 137-143.	4.1	27
26	Distinct striatum pathways connected to salience network predict symptoms improvement and resilient functioning in schizophrenia following risperidone monotherapy. <i>Schizophrenia Research</i> , 2020, 215, 89-96.	2.0	22
27	N-Acetylaspartate Reduction in the Medial Prefrontal Cortex Following 8 weeks of Risperidone Treatment in First-Episode Drug-Naïve Schizophrenia Patients. <i>Scientific Reports</i> , 2015, 5, 9109.	3.3	21
28	Frequency-selective alteration in the resting-state corticostriatal-thalamo-cortical circuit correlates with symptoms severity in first-episode drug-naive patients with schizophrenia. <i>Schizophrenia Research</i> , 2017, 189, 175-180.	2.0	20
29	Decreased regional homogeneity and increased functional connectivity of default network correlated with neurocognitive deficits in subjects with genetic high-risk for schizophrenia: A resting-state fMRI study. <i>Psychiatry Research</i> , 2019, 281, 112603.	3.3	20
30	Independent replications and integrative analyses confirm TRANK1 as a susceptibility gene for bipolar disorder. <i>Neuropsychopharmacology</i> , 2021, 46, 1103-1112.	5.4	20
31	Molecular evolution in the CREB1 signal pathway and a rare haplotype in CREB1 with genetic predisposition to schizophrenia. <i>Journal of Psychiatric Research</i> , 2014, 57, 84-89.	3.1	18
32	Epigenetic age analysis of brain in major depressive disorder. <i>Psychiatry Research</i> , 2018, 269, 621-624.	3.3	18
33	Promoter variant rs2301228 on the neural cell adhesion molecule 1 gene confers risk of schizophrenia in Han Chinese. <i>Schizophrenia Research</i> , 2014, 160, 88-96.	2.0	17
34	Chronic administration of ketamine mimics the perturbed sense of body ownership associated with schizophrenia. <i>Psychopharmacology</i> , 2015, 232, 1515-1526.	3.1	17
35	Three dysconnectivity patterns in treatment-resistant schizophrenia patients and their unaffected siblings. <i>NeuroImage: Clinical</i> , 2015, 8, 95-103.	2.7	16
36	Frequency-Specific Changes in the Fractional Amplitude of the Low-Frequency Fluctuations in the Default Mode Network in Medication-Free Patients With Bipolar II Depression: A Longitudinal Functional MRI Study. <i>Frontiers in Psychiatry</i> , 2020, 11, 574819.	2.6	15

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37	GABRB2 Haplotype Association with Heroin Dependence in Chinese Population. PLoS ONE, 2015, 10, e0142049.	2.5	14
38	Mitochondrial genome variations and functional characterization in Han Chinese families with schizophrenia. Schizophrenia Research, 2016, 171, 200-206.	2.0	13
39	Effects of risperidone monotherapy on the default-mode network in antipsychotic-naïve first-episode schizophrenia: Posteromedial cortex heterogeneity and relationship with the symptom improvements. Schizophrenia Research, 2020, 218, 201-208.	2.0	13
40	mtDNA Heteroplasmy in Monozygotic Twins Discordant for Schizophrenia. Molecular Neurobiology, 2017, 54, 4343-4352.	4.0	12
41	Circulating Brain-Derived Neurotrophic Factor, Antioxidant Enzymes Activities, and Mitochondrial DNA in Bipolar Disorder: An Exploratory Report. Frontiers in Psychiatry, 2020, 11, 514658.	2.6	11
42	Establishment of a schizophrenic animal model through chronic administration of MK-801 in infancy and social isolation in childhood. , 2017, 46, 135-143.		10
43	Anterior Cingulate Cortex Glutamate Levels Are Related to Response to Initial Antipsychotic Treatment in Drug-Naïve First-Episode Schizophrenia Patients. Frontiers in Psychiatry, 2020, 11, 553269.	2.6	10
44	A functional missense variant in ITIH3 affects protein expression and neurodevelopment and confers schizophrenia risk in the Han Chinese population. Journal of Genetics and Genomics, 2020, 47, 233-248.	3.9	10
45	COMT, 5-HTR2A, and SLC6A4 mRNA Expressions in First-Episode Antipsychotic-Naïve Schizophrenia and Association With Treatment Outcomes. Frontiers in Psychiatry, 2018, 9, 577.	2.6	9
46	Do nuclear-encoded core subunits of mitochondrial complex I confer genetic susceptibility to schizophrenia in Han Chinese populations?. Scientific Reports, 2015, 5, 11076.	3.3	8
47	Psychotomimetic effects of different doses of MK-801 and the underlying mechanisms in a selective memory impairment model. Behavioural Brain Research, 2017, 320, 517-525.	2.2	8
48	Plasma protein levels of brain-derived neurotrophic factor pathways and their association with cognitive performance in patients with clinical high risk for psychosis and first episode psychosis. Schizophrenia Research, 2019, 206, 460-461.	2.0	8
49	Disconnectivity between the raphe nucleus and subcortical dopamine-related regions contributes altered salience network in schizophrenia. Schizophrenia Research, 2020, 216, 382-388.	2.0	8
50	Metabolite differences in the medial prefrontal cortex in schizophrenia patients with and without persistent auditory verbal hallucinations: a 1H MRS study. Translational Psychiatry, 2022, 12, 116.	4.8	8
51	No association between genetic variants of the LRRK2 gene and schizophrenia in Han Chinese. Neuroscience Letters, 2014, 566, 210-215.	2.1	6
52	Reduced middle cingulate gyrus volume in late-onset schizophrenia in a Chinese Han population: a voxel-based structural MRI study. Neuroscience Bulletin, 2015, 31, 626-627.	2.9	5
53	Combining Resting-state fMRI and DTI Analysis for Early-onset Schizophrenia. International Journal of Computational Intelligence Systems, 2009, 2, 375-385.	2.7	4
54	Psychosocial Functioning and Cognitive Deficits are Not Associated With Membrane-Bound Catechol-O-Methyltransferase Deoxyribonucleic Acid Methylation in Siblings of Patients With Schizophrenia. Journal of Nervous and Mental Disease, 2012, 200, 941-945.	1.0	3

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55	Olfactory and cognitive functions in Chinese individuals at clinical high risk for psychosis. <i>Psychiatry Research</i> , 2019, 272, 51-53.	3.3	3
56	Tracking Positive and Negative Symptom Improvement in First-Episode Schizophrenia Treated with Risperidone Using Individual-Level Functional Connectivity. <i>Brain Connectivity</i> , 2022, 12, 454-464.	1.7	3
57	Exposure time determines the protective effect of <i>Trichinella spiralis</i> on experimental colitis. <i>Microbial Pathogenesis</i> , 2020, 147, 104263.	2.9	3
58	Characterizing the polygenic overlaps of bipolar disorder subtypes with schizophrenia and major depressive disorder. <i>Journal of Affective Disorders</i> , 2022, 309, 242-251.	4.1	3
59	Common variants of the PINK1 and PARL genes do not confer genetic susceptibility to schizophrenia in Han Chinese. <i>Molecular Genetics and Genomics</i> , 2015, 290, 585-592.	2.1	2
60	A Case Report of Wernicke's Encephalopathy Associated With Schizophrenia. <i>Frontiers in Psychiatry</i> , 2021, 12, 657649.	2.6	2
61	Cross-Disorder Analysis of Shared Genetic Components Between Cortical Structures and Major Psychiatric Disorders. <i>Schizophrenia Bulletin</i> , 2022, 48, 1145-1154.	4.3	2
62	Deficits in Sense of Body Ownership, Sensory Processing, and Temporal Perception in Schizophrenia Patients With/Without Auditory Verbal Hallucinations. <i>Frontiers in Neuroscience</i> , 2022, 16, 831714.	2.8	2
63	Abnormal neurobiochemical metabolites in the first episode schizophrenia and clinical highrisk population.. <i>Journal of Central South University (Medical Sciences)</i> , 2021, 46, 1090-1095.	0.1	0