

Dai Zhang

List of Publications by Year in descending order

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104
papers

3,596
citations

185998

28
h-index

168136

53
g-index

105
all docs

105
docs citations

105
times ranked

6768
citing authors

#	ARTICLE	IF	CITATIONS
1	Overlapping common genetic architecture between major depressive disorders and anxiety and stress-related disorders. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2022, 113, 110450.	2.5	5
2	Unsuppressed Striatal Activity and Genetic Risk for Schizophrenia Associated With Individual Cognitive Performance Under Social Competition. <i>Schizophrenia Bulletin</i> , 2022, 48, 599-608.	2.3	1
3	ATAD3B and SKIL polymorphisms associated with antipsychotic-induced QTc interval change in patients with schizophrenia: a genome-wide association study. <i>Translational Psychiatry</i> , 2022, 12, 56.	2.4	8
4	Consistent brain structural abnormalities and multisite individualised classification of schizophrenia using deep neural networks. <i>British Journal of Psychiatry</i> , 2022, 221, 732-739.	1.7	9
5	Altered Expression of Brain-specific Autism-Associated miRNAs in the Han Chinese Population. <i>Frontiers in Genetics</i> , 2022, 13, 865881.	1.1	5
6	<i>Auts2</i> deletion involves in DG hypoplasia and social recognition deficit: The developmental and neural circuit mechanisms. <i>Science Advances</i> , 2022, 8, eabk1238.	4.7	14
7	Abnormal functional connectivity of the striatum in first-episode drug-naïve early-onset Schizophrenia. <i>Brain and Behavior</i> , 2022, 12, e2535.	1.0	5
8	RhoGEF Trio Regulates Radial Migration of Projection Neurons via Its Distinct Domains. <i>Neuroscience Bulletin</i> , 2022, 38, 249-262.	1.5	8
9	Family-based association study identifies SNAP25 as a susceptibility gene for autism in the Han Chinese population. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 105, 109985.	2.5	5
10	Distinct Effects of Social Stress on Working Memory in Obsessive-Compulsive Disorder. <i>Neuroscience Bulletin</i> , 2021, 37, 81-93.	1.5	5
11	Altered Resting-State Brain Activity in Schizophrenia and Obsessive-Compulsive Disorder Compared With Non-psychiatric Controls: Commonalities and Distinctions Across Disorders. <i>Frontiers in Psychiatry</i> , 2021, 12, 681701.	1.3	11
12	Association of MTHFR C677T Polymorphism With Antipsychotic-Induced Change of Weight and Metabolism Index. <i>Frontiers in Psychiatry</i> , 2021, 12, 673715.	1.3	4
13	Dysfunction of Trio GEF1 involves in excitatory/inhibitory imbalance and autism-like behaviors through regulation of interneuron migration. <i>Molecular Psychiatry</i> , 2021, 26, 7621-7640.	4.1	9
14	Protocol for a pharmacogenomic study on individualised antipsychotic drug treatment for patients with schizophrenia. <i>BJPsych Open</i> , 2021, 7, e121.	0.3	3
15	Common and Distinct Alterations of Cognitive Function and Brain Structure in Schizophrenia and Major Depressive Disorder: A Pilot Study. <i>Frontiers in Psychiatry</i> , 2021, 12, 705998.	1.3	7
16	A Temporal Activity of CA1 Neurons Underlying Short-Term Memory for Social Recognition Altered in PTEN Mouse Models of Autism Spectrum Disorder. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 699315.	1.8	9
17	Childhood Maltreatment Was Correlated With the Decreased Cortical Function in Depressed Patients Under Social Stress in a Working Memory Task: A Pilot Study. <i>Frontiers in Psychiatry</i> , 2021, 12, 671574.	1.3	5
18	Childhood urbanicity interacts with polygenic risk for depression to affect stress-related medial prefrontal function. <i>Translational Psychiatry</i> , 2021, 11, 522.	2.4	10

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19	Multisite schizophrenia classification by integrating structural magnetic resonance imaging data with polygenic risk score. <i>NeuroImage: Clinical</i> , 2021, 32, 102860.	1.4	8
20	Air pollution interacts with genetic risk to influence cortical networks implicated in depression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	22
21	The distribution pattern of PV+ IN subtype in the sensorimotor cortex of Trio/fl and Trio/fl;Dlx5/6-CIE mice. <i>Molecular Psychiatry</i> , 2021, 26, 7071-7071.	4.1	1
22	Further evidence for the association between LRP8 and schizophrenia. <i>Schizophrenia Research</i> , 2020, 215, 499-505.	1.1	10
23	Polygenic effects of schizophrenia on hippocampal grey matter volume and hippocampusâ€“medial prefrontal cortex functional connectivity. <i>British Journal of Psychiatry</i> , 2020, 216, 267-274.	1.7	30
24	Longitudinal trajectory analysis of antipsychotic response in patients with schizophrenia: 6-week, randomised, open-label, multicentre clinical trial. <i>BJPsych Open</i> , 2020, 6, e126.	0.3	3
25	CYP2D6 Genotype-Based Dose Recommendations for Risperidone in Asian People. <i>Frontiers in Pharmacology</i> , 2020, 11, 936.	1.6	8
26	A neuroimaging biomarker for striatal dysfunction in schizophrenia. <i>Nature Medicine</i> , 2020, 26, 558-565.	15.2	152
27	Variants of GRM7 as risk factor and response to antipsychotic therapy in schizophrenia. <i>Translational Psychiatry</i> , 2020, 10, 83.	2.4	14
28	Discriminating schizophrenia using recurrent neural network applied on time courses of multi-site fMRI data. <i>EBioMedicine</i> , 2019, 47, 543-552.	2.7	109
29	P-Rex1 Overexpression Results in Aberrant Neuronal Polarity and Psychosis-Related Behaviors. <i>Neuroscience Bulletin</i> , 2019, 35, 1011-1023.	1.5	12
30	<p>Cortical thinning and flattening in schizophrenia and their unaffected parents</p>. <i>Neuropsychiatric Disease and Treatment</i> , 2019, Volume 15, 935-946.	1.0	18
31	The schizophrenia genetics knowledgebase: a comprehensive update of findings from candidate gene studies. <i>Translational Psychiatry</i> , 2019, 9, 205.	2.4	19
32	The Schizophrenia Susceptibility Gene OPCML Regulates Spine Maturation and Cognitive Behaviors through Eph-Cofilin Signaling. <i>Cell Reports</i> , 2019, 29, 49-61.e7.	2.9	20
33	Interaction Between Variations in Dopamine D2 and Serotonin 2A Receptor is Associated with Short-Term Response to Antipsychotics in Schizophrenia. <i>Neuroscience Bulletin</i> , 2019, 35, 1102-1105.	1.5	2
34	Association between CNTNAP2 polymorphisms and autism: A familyâ€“based study in the chinese han population and a metaâ€“analysis combined with GWAS data of psychiatric genomics consortium. <i>Autism Research</i> , 2019, 12, 553-561.	2.1	15
35	Family-based association study of ZNF804A polymorphisms and autism in a Han Chinese population. <i>BMC Psychiatry</i> , 2019, 19, 159.	1.1	2
36	Comparative genetic architectures of schizophrenia in East Asian and European populations. <i>Nature Genetics</i> , 2019, 51, 1670-1678.	9.4	440

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37	Exploring the Causal Pathway From Telomere Length to Alzheimer's Disease: An Update Mendelian Randomization Study. <i>Frontiers in Psychiatry</i> , 2019, 10, 843.	1.3	19
38	Replication of previous GWAS hits suggests the association between rs4307059 near MSNP1AS and autism in a Chinese Han population. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 92, 194-198.	2.5	10
39	Hyperconnectivity in perisylvian language pathways in schizophrenia with auditory verbal hallucinations: A multi-site diffusion MRI study. <i>Schizophrenia Research</i> , 2019, 210, 262-269.	1.1	17
40	Abnormalities of white matter microstructure in unmedicated patients with obsessive-compulsive disorder: Changes after cognitive behavioral therapy. <i>Brain and Behavior</i> , 2019, 9, e01201.	1.0	29
41	Five novel loci associated with antipsychotic treatment response in patients with schizophrenia: a genome-wide association study. <i>Lancet Psychiatry</i> , 2018, 5, 327-338.	3.7	110
42	ZNF804A Variation May Affect Hippocampal-Prefrontal Resting-State Functional Connectivity in Schizophrenic and Healthy Individuals. <i>Neuroscience Bulletin</i> , 2018, 34, 507-516.	1.5	11
43	Multisite Machine Learning Analysis Provides a Robust Structural Imaging Signature of Schizophrenia Detectable Across Diverse Patient Populations and Within Individuals. <i>Schizophrenia Bulletin</i> , 2018, 44, 1035-1044.	2.3	118
44	Development of a population pharmacokinetic model of olanzapine for Chinese health volunteers and patients with schizophrenia. <i>BMJ Open</i> , 2018, 8, e020070.	0.8	9
45	A Schizophrenia-Related Genetic-Brain-Cognition Pathway Revealed in a Large Chinese Population. <i>EBioMedicine</i> , 2018, 37, 471-482.	2.7	31
46	Progressive Grey Matter Volume Changes in Patients with Schizophrenia over 6 Weeks of Antipsychotic Treatment and Their Relationship to Clinical Improvement. <i>Neuroscience Bulletin</i> , 2018, 34, 816-826.	1.5	22
47	Meta-analysis of GABRB2 polymorphisms and the risk of schizophrenia combined with GWAS data of the Han Chinese population and psychiatric genomics consortium. <i>PLoS ONE</i> , 2018, 13, e0198690.	1.1	6
48	Correlations between exploratory eye movement, hallucination, and cortical gray matter volume in people with schizophrenia. <i>BMC Psychiatry</i> , 2018, 18, 226.	1.1	20
49	Association study and mutation sequencing of genes on chromosome 15q11-q13 identified GABRG3 as a susceptibility gene for autism in Chinese Han population. <i>Translational Psychiatry</i> , 2018, 8, 152.	2.4	13
50	Genetic variants in the transcription regulatory region of MEGF10 are associated with autism in Chinese Han population. <i>Scientific Reports</i> , 2017, 7, 2292.	1.6	7
51	The anaplastic lymphoma kinase (ALK) gene is associated with schizophrenia in a Chinese population. <i>Psychiatry Research</i> , 2017, 258, 612-613.	1.7	0
52	Recent Research Progress in Autism Spectrum Disorder. <i>Neuroscience Bulletin</i> , 2017, 33, 125-129.	1.5	9
53	Genome-wide association analysis identifies 30 new susceptibility loci for schizophrenia. <i>Nature Genetics</i> , 2017, 49, 1576-1583.	9.4	395
54	Cross-ethnic meta-analysis identifies association of the GPX3-TNIP1 locus with amyotrophic lateral sclerosis. <i>Nature Communications</i> , 2017, 8, 611.	5.8	93

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55	Progress in genome-wide association studies of schizophrenia in Han Chinese populations. NPJ Schizophrenia, 2017, 3, 24.	2.0	16
56	Association of MSI2 Gene Polymorphism with Age-at-Onset of Schizophrenia in a Chinese Population. Neuroscience Bulletin, 2017, 33, 731-733.	1.5	2
57	Individual differences in schizophrenia. BJPsych Open, 2017, 3, 265-273.	0.3	8
58	Abnormal Rich-Club Organization Associated with Compromised Cognitive Function in Patients with Schizophrenia and Their Unaffected Parents. Neuroscience Bulletin, 2017, 33, 445-454.	1.5	25
59	In Situ Real-Time Monitoring of Glutamate and Electrophysiology from Cortex to Hippocampus in Mice Based on a Microelectrode Array. Sensors, 2017, 17, 61.	2.1	17
60	Tcf4 Controls Neuronal Migration of the Cerebral Cortex through Regulation of Bmp7. Frontiers in Molecular Neuroscience, 2016, 9, 94.	1.4	26
61	A comprehensive meta-analysis of <i>ZNF804A</i> SNPs in the risk of schizophrenia among Asian populations. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2016, 171, 437-446.	1.1	18
62	Association of DISC1, BDNF, and COMT polymorphisms with exploratory eye movement of schizophrenia in a Chinese Han population. Psychiatric Genetics, 2016, 26, 258-265.	0.6	5
63	Growth arrest specific gene 7 is associated with schizophrenia and regulates neuronal migration and morphogenesis. Molecular Brain, 2016, 9, 54.	1.3	23
64	The Human MSI2 Gene is Associated with Schizophrenia in the Chinese Han Population. Neuroscience Bulletin, 2016, 32, 239-245.	1.5	8
65	Altered expression of mRNA profiles in blood of early-onset schizophrenia. Scientific Reports, 2016, 6, 16767.	1.6	24
66	RAB18, a protein associated with Warburg Micro syndrome, controls neuronal migration in the developing cerebral cortex. Molecular Brain, 2016, 9, 19.	1.3	23
67	Potential involvement of the interleukin-18 pathway in schizophrenia. Journal of Psychiatric Research, 2016, 74, 10-16.	1.5	15
68	ALDH2Glu504Lys Confers Susceptibility to Schizophrenia and Impacts Hippocampal-Prefrontal Functional Connectivity. Cerebral Cortex, 2016, 27, bhw056.	1.6	9
69	Chromatin remodeling gene EZH2 involved in the genetic etiology of autism in Chinese Han population. Neuroscience Letters, 2016, 610, 182-186.	1.0	12
70	Genome-Wide Association Study Suggested the <i>PTPRD</i> Polymorphisms Were Associated With Weight Gain Effects of Atypical Antipsychotic Medications. Schizophrenia Bulletin, 2016, 42, 814-823.	2.3	32
71	Association of chromosome 5q21.3 polymorphisms with the exploratory eye movement dysfunction in schizophrenia. Scientific Reports, 2015, 5, 10299.	1.6	4
72	A2BP1 gene polymorphisms association with olanzapine-induced weight gain. Pharmacological Research, 2015, 99, 155-161.	3.1	7

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73	Reduced paralimbic system gray matter volume in schizophrenia: Correlations with clinical variables, symptomatology and cognitive function. <i>Journal of Psychiatric Research</i> , 2015, 65, 80-86.	1.5	30
74	Compromised small-world efficiency of structural brain networks in schizophrenic patients and their unaffected parents. <i>Neuroscience Bulletin</i> , 2015, 31, 275-287.	1.5	24
75	Synaptic P-Rex1 signaling regulates hippocampal long-term depression and autism-like social behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E6964-72.	3.3	66
76	NDUFV2 regulates neuronal migration in the developing cerebral cortex through modulation of the multipolarâ€“bipolar transition. <i>Brain Research</i> , 2015, 1625, 102-110.	1.1	12
77	Converging Evidence Implicates the Abnormal MicroRNA System in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2015, 41, 728-735.	2.3	32
78	Schizophrenia Related Variants in CACNA1C also Confer Risk of Autism. <i>PLoS ONE</i> , 2015, 10, e0133247.	1.1	55
79	Cerebral Inefficient Activation in Schizophrenia Patients and Their Unaffected Parents during the N-Back Working Memory Task: A Family fMRI Study. <i>PLoS ONE</i> , 2015, 10, e0135468.	1.1	14
80	Genetic Evidence for Possible Involvement of the Calcium Channel Gene CACNA1A in Autism Pathogenesis in Chinese Han Population. <i>PLoS ONE</i> , 2015, 10, e0142887.	1.1	18
81	Evidence for Association of Cell Adhesion Molecules Pathway and NLGN1 Polymorphisms with Schizophrenia in Chinese Han Population. <i>PLoS ONE</i> , 2015, 10, e0144719.	1.1	35
82	Association analysis of a functional variant in ATXN2 with schizophrenia. <i>Neuroscience Letters</i> , 2014, 562, 24-27.	1.0	8
83	A hypothesis-driven pathway analysis reveals myelin-related pathways that contribute to the risk of schizophrenia and bipolar disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 51, 140-145.	2.5	30
84	Protein-interaction-network-based analysis for genome-wide association analysis of schizophrenia in Han Chinese population. <i>Journal of Psychiatric Research</i> , 2014, 50, 73-78.	1.5	22
85	Further evidence for genetic association of CACNA1C and schizophrenia: New risk loci in a Han Chinese population and a meta-analysis. <i>Schizophrenia Research</i> , 2014, 152, 105-110.	1.1	35
86	A Two-Stage Association Study Suggests BRAP as a Susceptibility Gene for Schizophrenia. <i>PLoS ONE</i> , 2014, 9, e86037.	1.1	10
87	Association study of NRXN3 polymorphisms with schizophrenia and risperidone-induced bodyweight gain in Chinese Han population. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 43, 197-202.	2.5	38
88	Sequencing ASMT Identifies Rare Mutations in Chinese Han Patients with Autism. <i>PLoS ONE</i> , 2013, 8, e53727.	1.1	26
89	Systematic association analysis of microRNA machinery genes with schizophrenia informs further study. <i>Neuroscience Letters</i> , 2012, 520, 47-50.	1.0	10
90	Functional and Anatomical Connectivity Abnormalities in Cognitive Division of Anterior Cingulate Cortex in Schizophrenia. <i>PLoS ONE</i> , 2012, 7, e45659.	1.1	71

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91	Genome-wide association study identifies a susceptibility locus for schizophrenia in Han Chinese at 11p11.2. <i>Nature Genetics</i> , 2011, 43, 1228-1231.	9.4	264
92	No association of polymorphisms in the CDK5, NDEL1, and LIS1 with autism in Chinese Han population. <i>Psychiatry Research</i> , 2011, 190, 369-371.	1.7	5
93	Evidence for association between Disrupted-in-schizophrenia 1 (DISC1) gene polymorphisms and autism in Chinese Han population: a family-based association study. <i>Behavioral and Brain Functions</i> , 2011, 7, 14.	1.4	35
94	Two-stage designs to identify the effects of SNP combinations on complex diseases. <i>Journal of Human Genetics</i> , 2008, 53, 739-746.	1.1	11
95	Association of the ENGRAILED 2 (<i>EN2</i>) gene with autism in Chinese Han population. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2008, 147B, 434-438.	1.1	67
96	Associations of <i>ATF4</i> gene polymorphisms with schizophrenia in male patients. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2008, 147B, 732-736.	1.1	17
97	Positive association of the Disrupted-in-Schizophrenia-1 gene (DISC1) with schizophrenia in the Chinese Han population. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2007, 144B, 266-270.	1.1	73
98	Association of the neuropilin-2 (NRP2) gene polymorphisms with autism in Chinese Han population. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2007, 144B, 492-495.	1.1	51
99	GM1 up-regulates Ubiquilin 1 expression in human neuroblastoma cells and rat cortical neurons. <i>Neuroscience Letters</i> , 2006, 407, 59-63.	1.0	9
100	Association between the FOXP2 gene and autistic disorder in Chinese population. <i>American Journal of Medical Genetics Part A</i> , 2004, 127B, 113-116.	2.4	77
101	Positive association of the human frizzled 3 (FZD3) gene haplotype with schizophrenia in Chinese Han population. <i>American Journal of Medical Genetics Part A</i> , 2004, 129B, 16-19.	2.4	36
102	Tenuigenin treatment decreases secretion of the Alzheimer's disease amyloid β -protein in cultured cells. <i>Neuroscience Letters</i> , 2004, 367, 123-128.	1.0	86
103	Association study of the human FZD3 locus with schizophrenia. <i>Biological Psychiatry</i> , 2003, 54, 1298-1301.	0.7	61
104	A diffusion tensor imaging study of middle and superior cerebellar peduncle in male patients with schizophrenia. <i>Neuroscience Letters</i> , 2003, 348, 135-138.	1.0	65