Fuquan Zhang

List of Publications by Year
in descending order

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123 papers	3,609 citations	257450 24 h-index	182427 51 g-index
134 all docs	134 docs citations	134 times ranked	6352 citing authors

#	Article	IF	Citations
1	Genomic Relationships, Novel Loci, and Pleiotropic Mechanisms across Eight Psychiatric Disorders. Cell, 2019, 179, 1469-1482.e11.	28.9	935
2	MirSNP, a database of polymorphisms altering miRNA target sites, identifies miRNA-related SNPs in GWAS SNPs and eQTLs. BMC Genomics, 2012, 13, 661.	2.8	255
3	Multi-trait analysis for genome-wide association study of five psychiatric disorders. Translational Psychiatry, 2020, 10, 209.	4.8	132
4	Five novel loci associated with antipsychotic treatment response in patients with schizophrenia: a genome-wide association study. Lancet Psychiatry,the, 2018, 5, 327-338.	7.4	110
5	Depression in college: depressive symptoms and personality factors in Beijing and Hong Kong college freshmen. Comprehensive Psychiatry, 2008, 49, 496-502.	3.1	106
6	MicroRNAs and target site screening reveals a pre-microRNA-30e variant associated with schizophrenia. Schizophrenia Research, 2010, 119, 219-227.	2.0	93
7	Causal influences of neuroticism on mental health and cardiovascular disease. Human Genetics, 2021, 140, 1267-1281.	3.8	71
8	Genetic evidence suggests posttraumatic stress disorder as a subtype of major depressive disorder. Journal of Clinical Investigation, 2022, 132, .	8.2	68
9	Implications of Newly Identified Brain eQTL Genes and Their Interactors in Schizophrenia. Molecular Therapy - Nucleic Acids, 2018, 12, 433-442.	5.1	63
10	Genetic regulatory subnetworks and key regulating genes in rat hippocampus perturbed by prenatal malnutrition: implications for major brain disorders. Aging, 2020, 12, 8434-8458.	3.1	63
11	Co-expression network analysis identified hub genes critical to triglyceride and free fatty acid metabolism as key regulators of age-related vascular dysfunction in mice. Aging, 2019, 11, 7620-7638.	3.1	56
12	Abnormal functional connectivity of brain network hubs associated with symptom severity in treatment-naive patients with obsessiveâ€“compulsive disorder: A resting-state functional MRI study. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2016, 66, 104-111.	4.8	52
13	The early growth response protein 1-miR-30a-5p-neurogenic differentiation factor 1 axis as a novel biomarker for schizophrenia diagnosis and treatment monitoring. Translational Psychiatry, 2017, 7, e998-e998.	4.8	51
14	Diagnostic value of blood-derived microRNAs for schizophrenia: results of a meta-analysis and validation. Scientific Reports, 2017, 7, 15328.	3.3	50
15	Exploring Transcription Factors-microRNAs Co-regulation Networks in Schizophrenia. Schizophrenia Bulletin, 2016, 42, 1037-1045.	4.3	49
16	Efficacy of Acupuncture Therapy for Chemotherapy-Related Cognitive Impairment in Breast Cancer Patients. Medical Science Monitor, 2018, 24, 2919-2927.	1.1	42
17	Identifying common genome-wide risk genes for major psychiatric traits. Human Genetics, 2020, 139, 185-198.	3.8	40
18	An association study of DRD2 gene polymorphisms with schizophrenia in a Chinese Han population. Neuroscience Letters, 2010, 477, 53-56.	2.1	39

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19	Common variants in CACNA1C and MDD susceptibility: A comprehensive metaâ€analysis. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2016, 171, 896-903.	1.7	33
20	Converging Evidence Implicates the Abnormal MicroRNA System in Schizophrenia. Schizophrenia Bulletin, 2015, 41, 728-735.	4.3	32
21	Effect of Damaging Rare Mutations in Synapse-Related Gene Sets on Response to Short-term Antipsychotic Medication in Chinese Patients With Schizophrenia. JAMA Psychiatry, 2018, 75, 1261.	11.0	32
22	A Schizophrenia-Related Genetic-Brain-Cognition Pathway Revealed in a Large Chinese Population. EBioMedicine, 2018, 37, 471-482.	6.1	31
23	Genetic mechanisms of COVID-19 and its association with smoking and alcohol consumption. Briefings in Bioinformatics, 2021, 22, .	6.5	31
24	Abnormal regional spontaneous neuronal activity associated with symptom severity in treatment-naive patients with obsessive-compulsive disorder revealed by resting-state functional MRI. Neuroscience Letters, 2017, 640, 99-104.	2.1	30
25	Rumination mediates the relationship between overgeneral autobiographical memory and depression in patients with major depressive disorder. BMC Psychiatry, 2017, 17, 103.	2.6	30
26	rTMS modulates precuneus-hippocampal subregion circuit in patients with subjective cognitive decline. Aging, 2021, 13, 1314-1331.	3.1	28
27	Blood-Derived Plasma Protein Biomarkers for Alzheimerâ€™s Disease in Han Chinese. Frontiers in Aging Neuroscience, 2018, 10, 414.	3.4	27
28	Metabolic Effects of 7 Antipsychotics on Patients With Schizophrenia. Journal of Clinical Psychiatry, 2020, 81, .	2.2	26
29	Genetic Relationships between Attention-Deficit/Hyperactivity Disorder, Autism Spectrum Disorder, and Intelligence. Neuropsychobiology, 2022, 81, 484-496.	1.9	26
30	Peripheral blood nerve growth factor levels in major psychiatric disorders. Journal of Psychiatric Research, 2017, 86, 39-45.	3.1	25
31	Causal links between major depressive disorder and insomnia: A Mendelian randomisation study. Gene, 2021, 768, 145271.	2.2	25
32	Shared Genetic Liability and Causal Associations Between Major Depressive Disorder and Cardiovascular Diseases. Frontiers in Cardiovascular Medicine, 2021, 8, 735136.	2.4	25
33	An Updated Meta-Analysis of the Association between SORL1 Variants and the Risk for Sporadic Alzheimer's Disease. Journal of Alzheimer's Disease, 2013, 37, 429-437.	2.6	24
34	Increased Variability of Genomic Transcription in Schizophrenia. Scientific Reports, 2015, 5, 17995.	3.3	24
35	Altered expression of mRNA profiles in blood of early-onset schizophrenia. Scientific Reports, 2016, 6, 16767.	3.3	24
36	Converging evidence implicates the dopamine D3 receptor gene in vulnerability to schizophrenia. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2011, 156, 613-619.	1.7	22

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37	Altered expression of the CSMD1 gene in the peripheral blood of schizophrenia patients. BMC Psychiatry, 2019, 19, 113.	2.6	22
38	Unraveling Risk Genes of COVID-19 by Multi-Omics Integrative Analyses. Frontiers in Medicine, 2021, 8, 738687.	2.6	22
39	Replication Study Confirms Link between TSPAN18 Mutation and Schizophrenia in Han Chinese. PLoS ONE, 2013, 8, e58785.	2.5	22
40	Shared genetic liability and causal effects between major depressive disorder and insomnia. Human Molecular Genetics, 2022, 31, 1336-1345.	2.9	22
41	Shared genetics between autism spectrum disorder and attention-deficit/hyperactivity disorder and their association with extraversion. Psychiatry Research, 2022, 314, 114679.	3.3	22
42	Smoking quantitatively increases risk for COVID-19. European Respiratory Journal, 2022, 60, 2101273.	6.7	21
43	Current antipsychotic agent use and risk of venous thromboembolism and pulmonary embolism: a systematic review and meta-analysis of observational studies. Therapeutic Advances in Psychopharmacology, 2021, 11, 204512532098272.	2.7	21
44	Integrative analysis of shared genetic pathogenesis by autism spectrum disorder and obsessive-compulsive disorder. Bioscience Reports, 2019, 39, .	2.4	21
45	Lack of association between microRNA-137 SNP rs1625579 and schizophrenia in a replication study of Han Chinese. Molecular Genetics and Genomics, 2015, 290, 297-301.	2.1	20
46	Shared genetic liability between major depressive disorder and osteoarthritis. Bone and Joint Research, 2022, 11, 12-22.	3.6	20
47	The schizophrenia genetics knowledgebase: a comprehensive update of findings from candidate gene studies. Translational Psychiatry, 2019, 9, 205.	4.8	19
48	A competitive PCR assay confirms the association of a copy number variation in the VIPR2 gene with schizophrenia in Han Chinese. Schizophrenia Research, 2014, 156, 66-70.	2.0	17
49	Overgeneral autobiographical memory at baseline predicts depressive symptoms at follow-up in patients with first-episode depression. Psychiatry Research, 2016, 243, 123-127.	3.3	17
50	The Shared and Distinct White Matter Networks Between Drug-Naive Patients With Obsessive-Compulsive Disorder and Schizophrenia. Frontiers in Neuroscience, 2019, 13, 96.	2.8	17
51	Shared Genetic Liability Between Major Depressive Disorder and Atopic Diseases. Frontiers in Immunology, 2021, 12, 665160.	4.8	17
52	The norepinephrine transporter gene modulates the relationship between urban/rural residency and major depressive disorder in a Chinese population. Psychiatry Research, 2009, 168, 213-217.	3.3	16
53	The SORL1 polymorphism rs985421 may confer the risk for amnestic mild cognitive impairment and Alzheimer's disease in the Han Chinese population. Neuroscience Letters, 2014, 563, 80-84.	2.1	16
54	BDNF Gene's Role in Schizophrenia: From Risk Allele to Methylation Implications. Frontiers in Psychiatry, 2020, 11, 564277.	2.6	16

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55	Causal Association and Shared Genetics Between Asthma and COVID-19. Frontiers in Immunology, 2022, 13, 705379.	4.8	16
56	Association analyses of the interaction between the ADSS and ATMgenes with schizophrenia in a Chinese population. BMC Medical Genetics, 2008, 9, 119.	2.1	15
57	Potential involvement of the interleukin-18 pathway in schizophrenia. Journal of Psychiatric Research, 2016, 74, 10-16.	3.1	15
58	Regional homogeneity associated with overgeneral autobiographical memory of first-episode treatment-naive patients with major depressive disorder in the orbitofrontal cortex: A resting-state fMRI study. Journal of Affective Disorders, 2017, 209, 163-168.	4.1	15
59	Changes in the level of Long Non-Coding RNA Gomafu gene expression in schizophrenia patients before and after antipsychotic medication. Schizophrenia Research, 2018, 195, 318-319.	2.0	14
60	Brain function, structure and genomic data are linked but show different sensitivity to duration of illness and disease stage in schizophrenia. NeuroImage: Clinical, 2019, 23, 101887.	2.7	14
61	Myosin Vb gene is associated with schizophrenia in Chinese Han population. Psychiatry Research, 2013, 207, 13-18.	3.3	12
62	Lack of association between MPC2 variants and schizophrenia in a replication study of Han Chinese. Neuroscience Letters, 2013, 552, 120-123.	2.1	12
63	No association between ZNF804A rs1344706 and schizophrenia in a case-control study of Han Chinese. Neuroscience Letters, 2016, 618, 14-18.	2.1	12
64	Testing the role of genetic variation of the MC4R gene in Chinese population in antipsychotic-induced metabolic disturbance. Science China Life Sciences, 2019, 62, 535-543.	4.9	12
65	Altered Frequency-Dependent Brain Activation and White Matter Integrity Associated With Cognition in Characterizing Preclinical Alzheimerâ€™s Disease Stages. Frontiers in Human Neuroscience, 2021, 15, 625232.	2.0	12
66	Altered Insular Subregional Connectivity Associated With Cognitions for Distinguishing the Spectrum of Pre-clinical Alzheimer's Disease. Frontiers in Aging Neuroscience, 2021, 13, 597455.	3.4	12
67	Meta-analysis of the association of brain-derived neurotrophic factor Val66Met polymorphism with obsessiveâ€“compulsive disorder. Acta Neuropsychiatrica, 2015, 27, 327-335.	2.1	11
68	Gene expression profiling in peripheral blood mononuclear cells of early-onset schizophrenia. Genomics Data, 2015, 5, 169-170.	1.3	11
69	Further evidence supporting the association of NKAPL with schizophrenia. Neuroscience Letters, 2015, 605, 49-52.	2.1	11
70	Genetic association of rs1344706 in ZNF804A with bipolar disorder and schizophrenia susceptibility in Chinese populations. Scientific Reports, 2017, 7, 41140.	3.3	11
71	Classifying major mental disorders genetically. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2022, 112, 110410.	4.8	11
72	Hippocampal-Subregion Mechanisms of Repetitive Transcranial Magnetic Stimulation Causally Associated with Amelioration of Episodic Memory in Amnestic Mild Cognitive Impairment. Journal of Alzheimer's Disease, 2022, 85, 1329-1342.	2.6	11

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73	Genetic variation mediating neuroticismâ€™s influence on cardiovascular diseases.. , 2022, 131, 278-286.		11
74	Systematic association analysis of microRNA machinery genes with schizophrenia informs further study. Neuroscience Letters, 2012, 520, 47-50.	2.1	10
75	Impairments in Negative Facial Emotion Recognition in Chinese Schizophrenia Patients Detected With a Newly Designed Task. Journal of Nervous and Mental Disease, 2015, 203, 718-724.	1.0	10
76	No association between FOXP2 rs10447760 and schizophrenia in a replication study of the Chinese Han population. Psychiatric Genetics, 2018, 28, 19-23.	1.1	10
77	Increased Insular Cortical Thickness Associated With Symptom Severity in Male Youths With Internet Gaming Disorder: A Surface-Based Morphometric Study. Frontiers in Psychiatry, 2018, 9, 99.	2.6	10
78	A Two-Stage Association Study Suggests BRAP as a Susceptibility Gene for Schizophrenia. PLoS ONE, 2014, 9, e86037.	2.5	10
79	Transcriptome-Wide Identification of G-to-A RNA Editing in Chronic Social Defeat Stress Mouse Models. Frontiers in Genetics, 2021, 12, 680548.	2.3	9
80	Involvement of the long intergenic non-coding RNA LINC00461 in schizophrenia. BMC Psychiatry, 2022, 22, 59.	2.6	9
81	No Association of Catechol-O-Methyltransferase Polymorphisms with Schizophrenia in the Han Chinese Population. Genetic Testing and Molecular Biomarkers, 2012, 16, 1138-1141.	0.7	8
82	Association analysis of a functional variant in ATXN2 with schizophrenia. Neuroscience Letters, 2014, 562, 24-27.	2.1	8
83	No association between the rs10503253 polymorphism in the CSMD1 gene and schizophrenia in a Han Chinese population. BMC Psychiatry, 2016, 16, 206.	2.6	8
84	Association study of DISC1 genetic variants with the risk of schizophrenia. Psychiatric Genetics, 2016, 26, 132-135.	1.1	8
85	Genome-wide mRNA expression analysis of peripheral blood from patients with obsessive-compulsive disorder. Scientific Reports, 2018, 8, 12583.	3.3	8
86	Exploring the mRNA expression level of RELN in peripheral blood of schizophrenia patients before and after antipsychotic treatment. Hereditas, 2020, 157, 43.	1.4	8
87	miRNA-Coordinated Schizophrenia Risk Network Cross-Talk With Cardiovascular Repair and Opposed Gliomagenesis. Frontiers in Genetics, 2020, 11, 149.	2.3	8
88	Convergent lines of evidence supporting involvement of NFKB1 in schizophrenia. Psychiatry Research, 2022, 312, 114588.	3.3	8
89	New findings support the association of DISC1 genetic variants with susceptibility to schizophrenia in the Han Chinese population. Psychiatry Research, 2015, 228, 966-968.	3.3	7
90	An Integrative Computational Approach to Evaluate Genetic Markers for Bipolar Disorder. Scientific Reports, 2017, 7, 6745.	3.3	7

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91	Altered Functional Connectivity of the Nucleus Accumbens Network Between Deficit and Non-deficit Schizophrenia. Frontiers in Psychiatry, 2021, 12, 704631.	2.6	7
92	A replication study of schizophrenia-related rare copy number variations in a Han Southern Chinese population. Hereditas, 2017, 154, 2.	1.4	6
93	Comprehensive literature data-mining analysis reveals a broad genetic network functionally associated with autism spectrum disorder. International Journal of Molecular Medicine, 2018, 42, 2353-2362.	4.0	6
94	Effect of the SIRT1 gene on regional cortical grey matter density in the Han Chinese population. British Journal of Psychiatry, 2020, 216, 254-258.	2.8	6
95	Preeclampsia Drives Molecular Networks to Shift Toward Greater Vulnerability to the Development of Autism Spectrum Disorder. Frontiers in Neurology, 2020, 11, 590.	2.4	6
96	Efficacy of anticonvulsant ethosuximide for major depressive disorder: a randomized, placebo-control clinical trial. European Archives of Psychiatry and Clinical Neuroscience, 2021, 271, 487-493.	3.2	6
97	Deregulatory miRNA-BDNF Network Inferred from Dynamic Expression Changes in Schizophrenia. Brain Sciences, 2022, 12, 167.	2.3	6
98	Altered expression of the DISC1 gene in peripheral blood of patients with schizophrenia. BMC Medical Genetics, 2020, 21, 194.	2.1	5
99	Mapsnp: An R Package to Plot a Genomic Map for Single Nucleotide Polymorphisms. PLoS ONE, 2015, 10, e0123609.	2.5	5
100	GAB2 polymorphism rs2373115 confers susceptibility to sporadic Alzheimer's disease. Neuroscience Letters, 2013, 556, 216-220.	2.1	4
101	Analysis of the association of VIPR2 polymorphisms with susceptibility to schizophrenia. Psychiatry Research, 2016, 241, 104-107.	3.3	4
102	Exploring different impaired speed of genetic-related brain function and structures in schizophrenic progress using multimodal analysis*. , 2018, 2018, 4126-4129.		4
103	In silico Gene Set and Pathway Enrichment Analyses Highlight Involvement of Ion Transport in Cholinergic Pathways in Autism: Rationale for Nutritional Intervention. Frontiers in Neuroscience, 2021, 15, 648410.	2.8	4
104	Association of the angiotensin-converting enzyme gene insertion/deletion polymorphism with schizophrenia: A meta-analysis. Psychiatry Research, 2014, 220, 1169-1171.	3.3	3
105	Association between MKL1 rs6001946 and schizophrenia in a Han Chinese population. Neuroscience Letters, 2016, 631, 36-39.	2.1	3
106	Longitudinal trajectory analysis of antipsychotic response in patients with schizophrenia: 6-week, randomised, open-label, multicentre clinical trial. BJPsych Open, 2020, 6, e126.	0.7	3
107	ATP-binding cassette transporter 13 mRNA expression level in schizophrenia patients. Scientific Reports, 2020, 10, 21498.	3.3	3
108	Protocol for a pharmacogenomic study on individualised antipsychotic drug treatment for patients with schizophrenia. BJPsych Open, 2021, 7, e121.	0.7	3

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109	Nicotinic acetylcholine receptor Î±4 subunit gene variation associated with attention deficit hyperactivity disorder. Tsinghua Science and Technology, 2009, 14, 534-540.	6.1	2
110	Association study of KIBRA rs17070145 polymorphism with the risk of schizophrenia in the Han Chinese population. Psychiatry Research, 2016, 239, 331-332.	3.3	2
111	Interaction Between Variations in Dopamine D2 and Serotonin 2A Receptor is Associated with Short-Term Response to Antipsychotics in Schizophrenia. Neuroscience Bulletin, 2019, 35, 1102-1105.	2.9	2
112	Eye movement characteristics in male patients with deficit and non-deficit schizophrenia and their relationships with psychiatric symptoms and cognitive function. BMC Neuroscience, 2021, 22, 70.	1.9	2
113	An association study of ADSS gene polymorphisms with schizophrenia. Behavioral and Brain Functions, 2008, 4, 39.	3.3	1
114	plot2groups: an R package to plot scatter points for two groups of values. Source Code for Biology and Medicine, 2014, 9, .	1.7	1
115	A flexible tool to plot a genomic map for single nucleotide polymorphisms. Source Code for Biology and Medicine, 2016, 11, 5.	1.7	1
116	Allelic frequency differences of DAOA variants between Caucasians and Asians and their association with major mood disorders. Signal Transduction and Targeted Therapy, 2019, 4, 39.	17.1	1
117	Meta-Analysis of Genome Wide Association Studies Showed Polymorphisms on 2P16.1, 6P22.1 And 10Q24.32 Associated With Schizophrenia In Chinese Han Population. European Neuropsychopharmacology, 2017, 27, S362.	0.7	0
118	Further evidence for the association between CMYA5 rs7714250 and schizophrenia in a Han Chinese population. Psychiatry Research, 2018, 270, 1177-1178.	3.3	0
119	Association analysis between CAMKK2 rs1063843 and patients with schizophrenia in a Han Chinese population. Asian Journal of Psychiatry, 2020, 52, 102055.	2.0	0
120	Investigating the Associations of Major Depressive Disorder with Various Health Outcomes in the Context of Common Genetic Variants: A Mendelian Randomisation Study. SSRN Electronic Journal, 0, , .	0.4	0
121	miRNA-Coordinated Schizophrenia Risk Networks Cross-Talk with Cardiovascular Repair and Oppose Gliomagenesis. SSRN Electronic Journal, 0, , .	0.4	0
122	Classifying Mental Disorders Genetically: Genomic Factor Analysis. SSRN Electronic Journal, 0, , .	0.4	0
123	Classifying Mental Disorders Genetically. SSRN Electronic Journal, 0, , .	0.4	0