Fuquan Zhang

List of Publications by Citations

113 papers	2,040 citations	20 h-index	41 g-index
134 ext. papers	2,934 ext. citations	5.7 avg, IF	4.73 L-index

#	Paper	IF	Citations
113	Genomic Relationships, Novel Loci, and Pleiotropic Mechanisms across Eight Psychiatric Disorders. *Cell*, **2019**, 179, 1469-1482.e11	56.2	402
112	MirSNP, a database of polymorphisms altering miRNA target sites, identifies miRNA-related SNPs in GWAS SNPs and eQTLs. *BMC Genomics*, **2012**, 13, 661	4.5	207
111	Depression in college: depressive symptoms and personality factors in Beijing and Hong Kong college freshmen. *Comprehensive Psychiatry*, **2008**, 49, 496-502	7.3	92
110	MicroRNAs and target site screening reveals a pre-microRNA-30e variant associated with schizophrenia. *Schizophrenia Research*, **2010**, 119, 219-27	3.6	76
109	Five novel loci associated with antipsychotic treatment response in patients with schizophrenia: a genome-wide association study. *Lancet Psychiatry,the*, **2018**, 5, 327-338	23.3	66
108	Multi-trait analysis for genome-wide association study of five psychiatric disorders. *Translational Psychiatry*, **2020**, 10, 209	8.6	59
107	Genetic regulatory subnetworks and key regulating genes in rat hippocampus perturbed by prenatal malnutrition: implications for major brain disorders. *Aging*, **2020**, 12, 8434-8458	5.6	56
106	Implications of Newly Identified Brain eQTL Genes and Their Interactors in Schizophrenia. *Molecular Therapy - Nucleic Acids*, **2018**, 12, 433-442	10.7	52
105	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	5.6	48
104	Abnormal functional connectivity of brain network hubs associated with symptom severity in treatment-naive patients with obsessive-compulsive disorder: A resting-state functional MRI study. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2016**, 66, 104-111	5.5	43
103	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	8.6	37
102	Diagnostic value of blood-derived microRNAs for schizophrenia: results of a meta-analysis and validation. *Scientific Reports*, **2017**, 7, 15328	4.9	35
101	An association study of DRD2 gene polymorphisms with schizophrenia in a Chinese Han population. *Neuroscience Letters*, **2010**, 477, 53-6	3.3	35
100	Genetic evidence suggests posttraumatic stress disorder as a subtype of major depressive disorder. *Journal of Clinical Investigation*, **2021**,	15.9	35
99	Causal influences of neuroticism on mental health and cardiovascular disease. *Human Genetics*, **2021**, 140, 1267-1281	6.3	30
98	Exploring Transcription Factors-microRNAs Co-regulation Networks in Schizophrenia. *Schizophrenia Bulletin*, **2016**, 42, 1037-45	1.3	29
97	Common variants in CACNA1C and MDD susceptibility: A comprehensive meta-analysis. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2016**, 171, 896-903	3.5	27

96	Converging evidence implicates the abnormal microRNA system in schizophrenia. *Schizophrenia Bulletin*, **2015**, 41, 728-35	1.3	26
95	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	3.3	23
94	Efficacy of Acupuncture Therapy for Chemotherapy-Related Cognitive Impairment in Breast Cancer Patients. *Medical Science Monitor*, **2018**, 24, 2919-2927	3.2	22
93	Replication study confirms link between TSPAN18 mutation and schizophrenia in Han Chinese. *PLoS ONE*, **2013**, 8, e58785	3.7	20
92	A Schizophrenia-Related Genetic-Brain-Cognition Pathway Revealed in a Large Chinese Population. *EBioMedicine*, **2018**, 37, 471-482	8.8	20
91	Peripheral blood nerve growth factor levels in major psychiatric disorders. *Journal of Psychiatric Research*, **2017**, 86, 39-45	5.2	19
90	Altered expression of mRNA profiles in blood of early-onset schizophrenia. *Scientific Reports*, **2016**, 6, 16767	4.9	19
89	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, 429-37	4.3	19
88	Effect of Damaging Rare Mutations in Synapse-Related Gene Sets on Response to Short-term Antipsychotic Medication in Chinese Patients With Schizophrenia: A Randomized Clinical Trial. *JAMA Psychiatry*, **2018**, 75, 1261-1269	14.5	19
87	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	3.1	17
86	Converging evidence implicates the dopamine D3 receptor gene in vulnerability to schizophrenia. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2011**, 156B, 613-9	3.5	17
85	Identifying common genome-wide risk genes for major psychiatric traits. *Human Genetics*, **2020**, 139, 185-198	6.3	17
84	Rumination mediates the relationship between overgeneral autobiographical memory and depression in patients with major depressive disorder. *BMC Psychiatry*, **2017**, 17, 103	4.2	16
83	Overgeneral autobiographical memory at baseline predicts depressive symptoms at follow-up in patients with first-episode depression. *Psychiatry Research*, **2016**, 243, 123-7	9.9	15
82	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, 80-4	3.3	15
81	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	3.6	14
80	Blood-Derived Plasma Protein Biomarkers for Alzheimer's Disease in Han Chinese. *Frontiers in Aging Neuroscience*, **2018**, 10, 414	5.3	14
79	Altered expression of the CSMD1 gene in the peripheral blood of schizophrenia patients. *BMC Psychiatry*, **2019**, 19, 113	4.2	13

78	Increased Variability of Genomic Transcription in Schizophrenia. *Scientific Reports*, **2015**, 5, 17995	4.9	13
77	The norepinephrine transporter gene modulates the relationship between urban/rural residency and major depressive disorder in a Chinese population. *Psychiatry Research*, **2009**, 168, 213-7	9.9	13
76	Metabolic Effects of 7 Antipsychotics on Patients With Schizophrenia: A Short-Term, Randomized, Open-Label, Multicenter, Pharmacologic Trial. *Journal of Clinical Psychiatry*, **2020**, 81,	4.6	13
75	The Shared and Distinct White Matter Networks Between Drug-Naive Patients With Obsessive-Compulsive Disorder and Schizophrenia. *Frontiers in Neuroscience*, **2019**, 13, 96	5.1	12
74	Potential involvement of the interleukin-18 pathway in schizophrenia. *Journal of Psychiatric Research*, **2016**, 74, 10-6	5.2	12
73	Lack of association between MPC2 variants and schizophrenia in a replication study of Han Chinese. *Neuroscience Letters*, **2013**, 552, 120-3	3.3	12
72	Genetic association of rs1344706 in ZNF804A with bipolar disorder and schizophrenia susceptibility in Chinese populations. *Scientific Reports*, **2017**, 7, 41140	4.9	11
71	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	6.6	11
70	Association analyses of the interaction between the ADSS and ATM genes with schizophrenia in a Chinese population. *BMC Medical Genetics*, **2008**, 9, 119	2.1	11
69	The schizophrenia genetics knowledgebase: a comprehensive update of findings from candidate gene studies. *Translational Psychiatry*, **2019**, 9, 205	8.6	10
68	No association between ZNF804A rs1344706 and schizophrenia in a case-control study of Han Chinese. *Neuroscience Letters*, **2016**, 618, 14-18	3.3	10
67	Systematic association analysis of microRNA machinery genes with schizophrenia informs further study. *Neuroscience Letters*, **2012**, 520, 47-50	3.3	10
66	Further evidence supporting the association of NKAPL with schizophrenia. *Neuroscience Letters*, **2015**, 605, 49-52	3.3	9
65	No association between FOXP2 rs10447760 and schizophrenia in a replication study of the Chinese Han population. *Psychiatric Genetics*, **2018**, 28, 19-23	2.9	9
64	Meta-analysis of the association of brain-derived neurotrophic factor Val66Met polymorphism with obsessive-compulsive disorder. *Acta Neuropsychiatrica*, **2015**, 27, 327-35	3.9	9
63	Myosin Vb gene is associated with schizophrenia in Chinese Han population. *Psychiatry Research*, **2013**, 207, 13-8	9.9	9
62	Gene expression profiling in peripheral blood mononuclear cells of early-onset schizophrenia. *Genomics Data*, **2015**, 5, 169-70		9
61	A two-stage association study suggests BRAP as a susceptibility gene for schizophrenia. *PLoS ONE*, **2014**, 9, e86037	3.7	9

60	Integrative analysis of shared genetic pathogenesis by autism spectrum disorder and obsessive-compulsive disorder. *Bioscience Reports*, **2019**, 39,	4.1	9
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	3.6	8
58	Association analysis of a functional variant in ATXN2 with schizophrenia. *Neuroscience Letters*, **2014**, 562, 24-7	3.3	8
57	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, 2045125320982720	4.9	8
56	No association of catechol-O-methyltransferase polymorphisms with schizophrenia in the Han Chinese population. *Genetic Testing and Molecular Biomarkers*, **2012**, 16, 1138-41	1.6	7
55	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	8.5	6
54	New findings support the association of DISC1 genetic variants with susceptibility to schizophrenia in the Han Chinese population. *Psychiatry Research*, **2015**, 228, 966-8	9.9	6
53	Association study of DISC1 genetic variants with the risk of schizophrenia. *Psychiatric Genetics*, **2016**, 26, 132-5	2.9	6
52	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	5	6
51	An Integrative Computational Approach to Evaluate Genetic Markers for Bipolar Disorder. *Scientific Reports*, **2017**, 7, 6745	4.9	6
50	rTMS modulates precuneus-hippocampal subregion circuit in patients with subjective cognitive decline. *Aging*, **2020**, 13, 1314-1331	5.6	6
49	Genetic mechanisms of COVID-19 and its association with smoking and alcohol consumption. *Briefings in Bioinformatics*, **2021**, 22,	13.4	6
48	No association between the rs10503253 polymorphism in the CSMD1 gene and schizophrenia in a Han Chinese population. *BMC Psychiatry*, **2016**, 16, 206	4.2	6
47	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	5.3	5
46	Genome-wide mRNA expression analysis of peripheral blood from patients with obsessive-compulsive disorder. *Scientific Reports*, **2018**, 8, 12583	4.9	5
45	Mapsnp: an R package to plot a genomic map for single nucleotide polymorphisms. *PLoS ONE*, **2015**, 10, e0123609	3.7	5
44	GAB2 polymorphism rs2373115 confers susceptibility to sporadic Alzheimer's disease. *Neuroscience Letters*, **2013**, 556, 216-20	3.3	4
43	A replication study of schizophrenia-related rare copy number variations in a Han Southern Chinese population. *Hereditas*, **2017**, 154, 2	2.4	4

42	Impairments in Negative Facial Emotion Recognition in Chinese Schizophrenia Patients Detected With a Newly Designed Task. *Journal of Nervous and Mental Disease*, **2015**, 203, 718-24	1.8	4
41	Analysis of the association of VIPR2 polymorphisms with susceptibility to schizophrenia. *Psychiatry Research*, **2016**, 241, 104-7	9.9	4
40	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	5.1	4
39	Altered Frequency-Dependent Brain Activation and White Matter Integrity Associated With Cognition in Characterizing Preclinical Alzheimer's Disease Stages. *Frontiers in Human Neuroscience*, **2021**, 15, 625232	3.3	4
38	Unraveling Risk Genes of COVID-19 by Multi-Omics Integrative Analyses. *Frontiers in Medicine*, **2021**, 8, 738687	4.9	4
37	miRNA-Coordinated Schizophrenia Risk Network Cross-Talk With Cardiovascular Repair and Opposed Gliomagenesis. *Frontiers in Genetics*, **2020**, 11, 149	4.5	3
36	Shared Genetic Liability and Causal Associations Between Major Depressive Disorder and Cardiovascular Diseases. *Frontiers in Cardiovascular Medicine*, **2021**, 8, 735136	5.4	3
35	BDNF Gene's Role in Schizophrenia: From Risk Allele to Methylation Implications. *Frontiers in Psychiatry*, **2020**, 11, 564277	5	3
34	Smoking quantitatively increases risk for COVID-19. *European Respiratory Journal*, **2021**,	13.6	3
33	Association between MKL1 rs6001946 and schizophrenia in a Han Chinese population. *Neuroscience Letters*, **2016**, 631, 36-39	3.3	3
32	Effect of the gene on regional cortical grey matter density in the Han Chinese population. *British Journal of Psychiatry*, **2020**, 216, 254-258	5.4	3
31	Causal links between major depressive disorder and insomnia: A Mendelian randomisation study. *Gene*, **2021**, 768, 145271	3.8	3
30	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	4.4	3
29	Classifying major mental disorders genetically. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2022**, 112, 110410	5.5	3
28	Association of the angiotensin-converting enzyme gene insertion/deletion polymorphism with schizophrenia: a meta-analysis. *Psychiatry Research*, **2014**, 220, 1169-71	9.9	2
27	. *Tsinghua Science and Technology*, **2009**, 14, 534-540	3.4	2
26	Shared genetic liability and causal effects between major depressive disorder and insomnia. *Human Molecular Genetics*, **2021**,	5.6	2
25	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	5.1	2

24	Transcriptome-Wide Identification of G-to-A RNA Editing in Chronic Social Defeat Stress Mouse Models. *Frontiers in Genetics*, **2021**, 12, 680548	4.5	2
23	Exploring different impaired speed of genetic-related brain function and structures in schizophrenic progress using multimodal analysis. *Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference*, **2018**, 2018, 4126-4129	0.9	2
22	Shared Genetic Liability Between Major Depressive Disorder and Atopic Diseases. *Frontiers in Immunology*, **2021**, 12, 665160	8.4	2
21	Altered Functional Connectivity of the Nucleus Accumbens Network Between Deficit and Non-deficit Schizophrenia. *Frontiers in Psychiatry*, **2021**, 12, 704631	5	2
20	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	4.3	1
19	Exploring the mRNA expression level of RELN in peripheral blood of schizophrenia patients before and after antipsychotic treatment. *Hereditas*, **2020**, 157, 43	2.4	1
18	plot2groups: an R package to plot scatter points for two groups of values. *Source Code for Biology and Medicine*, **2014**, 9, 23	1.9	1
17	Involvement of the long intergenic non-coding RNA LINC00461 in schizophrenia.. *BMC Psychiatry*, **2022**, 22, 59	4.2	1
16	Longitudinal trajectory analysis of antipsychotic response in patients with schizophrenia: 6-week, randomised, open-label, multicentre clinical trial. *BJPsych Open*, **2020**, 6, e126	5	1
15	Preeclampsia Drives Molecular Networks to Shift Toward Greater Vulnerability to the Development of Autism Spectrum Disorder. *Frontiers in Neurology*, **2020**, 11, 590	4.1	1
14	ATP-binding cassette transporter 13 mRNA expression level in schizophrenia patients. *Scientific Reports*, **2020**, 10, 21498	4.9	1
13	Association study of KIBRA rs17070145 polymorphism with the risk of schizophrenia in the Han Chinese population. *Psychiatry Research*, **2016**, 239, 331-2	9.9	1
12	Altered Insular Subregional Connectivity Associated With Cognitions for Distinguishing the Spectrum of Pre-clinical Alzheimer's Disease. *Frontiers in Aging Neuroscience*, **2021**, 13, 597455	5.3	1
11	Causal Association and Shared Genetics Between Asthma and COVID-19.. *Frontiers in Immunology*, **2022**, 13, 705379	8.4	1
10	An association study of ADSS gene polymorphisms with schizophrenia. *Behavioral and Brain Functions*, **2008**, 4, 39	4.1	0
9	Shared genetic liability between major depressive disorder and osteoarthritis.. *Bone and Joint Research*, **2022**, 11, 12-22	4.2	0
8	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	3.2	0
7	Altered expression of the DISC1 gene in peripheral blood of patients with schizophrenia. *BMC Medical Genetics*, **2020**, 21, 194	2.1	0

6	Protocol for a pharmacogenomic study on individualised antipsychotic drug treatment for patients with schizophrenia. *BJPsych Open*, **2021**, 7, e121	5	0
5	Convergent lines of evidence supporting involvement of NFKB1 in schizophrenia.. *Psychiatry Research*, **2022**, 312, 114588	9.9	0
4	A flexible tool to plot a genomic map for single nucleotide polymorphisms. *Source Code for Biology and Medicine*, **2016**, 11, 5	1.9	
3	Allelic frequency differences of variants between Caucasians and Asians and their association with major mood disorders. *Signal Transduction and Targeted Therapy*, **2019**, 4, 39	21	
2	Association analysis between CAMKK2 rs1063843 and patients with schizophrenia in a Han Chinese population. *Asian Journal of Psychiatry*, **2020**, 52, 102055	6.7	
1	Further evidence for the association between CMYA5 rs7714250 and schizophrenia in a Han Chinese population. *Psychiatry Research*, **2018**, 270, 1177-1178	9.9	