

Yunpeng Wang

List of Publications by Year in descending order

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Version: 2024-02-01

105
papers

13,138
citations

81900

39
h-index

34986

98
g-index

146
all docs

146
docs citations

146
times ranked

18812
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide association analyses identify 44 risk variants and refine the genetic architecture of major depression. <i>Nature Genetics</i> , 2018, 50, 668-681.	21.4	2,224
2	Genome-wide meta-analysis identifies new loci and functional pathways influencing Alzheimer's disease risk. <i>Nature Genetics</i> , 2019, 51, 404-413.	21.4	1,625
3	Genome-wide association study identifies 30 loci associated with bipolar disorder. <i>Nature Genetics</i> , 2019, 51, 793-803.	21.4	1,191
4	Genomic Relationships, Novel Loci, and Pleiotropic Mechanisms across Eight Psychiatric Disorders. <i>Cell</i> , 2019, 179, 1469-1482.e11.	28.9	935
5	Genomic Dissection of Bipolar Disorder and Schizophrenia, Including 28 Subphenotypes. <i>Cell</i> , 2018, 173, 1705-1715.e16.	28.9	623
6	Analysis of five chronic inflammatory diseases identifies 27 new associations and highlights disease-specific patterns at shared loci. <i>Nature Genetics</i> , 2016, 48, 510-518.	21.4	617
7	The genetic architecture of the human cerebral cortex. <i>Science</i> , 2020, 367, .	12.6	450
8	International meta-analysis of PTSD genome-wide association studies identifies sex- and ancestry-specific genetic risk loci. <i>Nature Communications</i> , 2019, 10, 4558.	12.8	363
9	Genome-wide analyses for personality traits identify six genomic loci and show correlations with psychiatric disorders. <i>Nature Genetics</i> , 2017, 49, 152-156.	21.4	350
10	Genetic assessment of age-associated Alzheimer disease risk: Development and validation of a polygenic hazard score. <i>PLoS Medicine</i> , 2017, 14, e1002258.	8.4	311
11	Genome-wide Pleiotropy Between Parkinson Disease and Autoimmune Diseases. <i>JAMA Neurology</i> , 2017, 74, 780.	9.0	245
12	Bivariate causal mixture model quantifies polygenic overlap between complex traits beyond genetic correlation. <i>Nature Communications</i> , 2019, 10, 2417.	12.8	190
13	Polygenic hazard score to guide screening for aggressive prostate cancer: development and validation in large scale cohorts. <i>BMJ: British Medical Journal</i> , 2018, 360, j5757.	2.3	153
14	Association Between Genetic Traits for Immune-Mediated Diseases and Alzheimer Disease. <i>JAMA Neurology</i> , 2016, 73, 691.	9.0	151
15	Polygenic Overlap Between C-Reactive Protein, Plasma Lipids, and Alzheimer Disease. <i>Circulation</i> , 2015, 131, 2061-2069.	1.6	145
16	The Genetics of the Mood Disorder Spectrum: Genome-wide Association Analyses of More Than 185,000 Cases and 439,000 Controls. <i>Biological Psychiatry</i> , 2020, 88, 169-184.	1.3	137
17	Genetics of suicide attempts in individuals with and without mental disorders: a population-based genome-wide association study. <i>Molecular Psychiatry</i> , 2020, 25, 2410-2421.	7.9	124
18	Identification of Genetic Loci Jointly Influencing Schizophrenia Risk and the Cognitive Traits of Verbal-Numerical Reasoning, Reaction Time, and General Cognitive Function. <i>JAMA Psychiatry</i> , 2017, 74, 1065.	11.0	123

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19	N6-Methyladenine DNA Methylation in Japonica and Indica Rice Genomes and Its Association with Gene Expression, Plant Development, and Stress Responses. <i>Molecular Plant</i> , 2018, 11, 1492-1508.	8.3	123
20	Genome-wide meta-analysis associates HLA-DQA1/DRB1 and LPA and lifestyle factors with human longevity. <i>Nature Communications</i> , 2017, 8, 910.	12.8	118
21	Genome-wide gene-environment analyses of major depressive disorder and reported lifetime traumatic experiences in UK Biobank. <i>Molecular Psychiatry</i> , 2020, 25, 1430-1446.	7.9	116
22	Immune-related genetic enrichment in frontotemporal dementia: An analysis of genome-wide association studies. <i>PLoS Medicine</i> , 2018, 15, e1002487.	8.4	111
23	Genetic architecture of sporadic frontotemporal dementia and overlap with Alzheimer's and Parkinson's diseases. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017, 88, 152-164.	1.9	107
24	Genetic Markers of Human Evolution Are Enriched in Schizophrenia. <i>Biological Psychiatry</i> , 2016, 80, 284-292.	1.3	92
25	Shared genetic risk between corticobasal degeneration, progressive supranuclear palsy, and frontotemporal dementia. <i>Acta Neuropathologica</i> , 2017, 133, 825-837.	7.7	90
26	Association of Heritable Cognitive Ability and Psychopathology With White Matter Properties in Children and Adolescents. <i>JAMA Psychiatry</i> , 2018, 75, 287.	11.0	88
27	The Genetic Architecture of Depression in Individuals of East Asian Ancestry. <i>JAMA Psychiatry</i> , 2021, 78, 1258.	11.0	88
28	Does Childhood Trauma Moderate Polygenic Risk for Depression? A Meta-analysis of 5765 Subjects From the Psychiatric Genomics Consortium. <i>Biological Psychiatry</i> , 2018, 84, 138-147.	1.3	87
29	Genetic Overlap Between Schizophrenia and Volumes of Hippocampus, Putamen, and Intracranial Volume Indicates Shared Molecular Genetic Mechanisms. <i>Schizophrenia Bulletin</i> , 2018, 44, 854-864.	4.3	85
30	Identifying Common Genetic Variants in Blood Pressure Due to Polygenic Pleiotropy With Associated Phenotypes. <i>Hypertension</i> , 2014, 63, 819-826.	2.7	83
31	The transcription factor POU3F2 regulates a gene coexpression network in brain tissue from patients with psychiatric disorders. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	81
32	Identification of genetic loci shared between schizophrenia and the Big Five personality traits. <i>Scientific Reports</i> , 2017, 7, 2222.	3.3	79
33	Genetic evidence for role of integration of fast and slow neurotransmission in schizophrenia. <i>Molecular Psychiatry</i> , 2017, 22, 792-801.	7.9	79
34	Individual variations in "brain age" relate to early-life factors more than to longitudinal brain change. <i>ELife</i> , 2021, 10, .	6.0	71
35	CXCR4 involvement in neurodegenerative diseases. <i>Translational Psychiatry</i> , 2018, 8, 73.	4.8	66
36	Genetic correlations and genome-wide associations of cortical structure in general population samples of 22,824 adults. <i>Nature Communications</i> , 2020, 11, 4796.	12.8	61

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37	Identification of Gene Loci That Overlap Between Schizophrenia and Educational Attainment. <i>Schizophrenia Bulletin</i> , 2017, 43, sbw085.	4.3	56
38	New statistical approaches exploit the polygenic architecture of schizophreniaâ€™s implications for the underlying neurobiology. <i>Current Opinion in Neurobiology</i> , 2016, 36, 89-98.	4.2	53
39	Genome-wide Association Analysis of Parkinsonâ€™s Disease and Schizophrenia Reveals Shared Genetic Architecture and Identifies Novel Risk Loci. <i>Biological Psychiatry</i> , 2021, 89, 227-235.	1.3	53
40	Identifying Novel Gene Variants in Coronary Artery Disease and Shared Genes With Several Cardiovascular Risk Factors. <i>Circulation Research</i> , 2016, 118, 83-94.	4.5	52
41	Dose response of the 16p11.2 distal copy number variant on intracranial volume and basal ganglia. <i>Molecular Psychiatry</i> , 2020, 25, 584-602.	7.9	49
42	Meta-analysis of Alzheimerâ€™s disease on 9,751 samples from Norway and IGAP study identifies four risk loci. <i>Scientific Reports</i> , 2018, 8, 18088.	3.3	47
43	A large-scale genomic investigation of susceptibility to infection and its association with mental disorders in the Danish population. <i>Translational Psychiatry</i> , 2019, 9, 283.	4.8	46
44	Deep neural networks learn general and clinically relevant representations of the ageing brain. <i>NeuroImage</i> , 2022, 256, 119210.	4.2	46
45	Shared genetic risk between migraine and coronary artery disease: A genome-wide analysis of common variants. <i>PLoS ONE</i> , 2017, 12, e0185663.	2.5	44
46	Association of polygenic score for major depression with response to lithium in patients with bipolar disorder. <i>Molecular Psychiatry</i> , 2021, 26, 2457-2470.	7.9	44
47	Genetic Association Between Schizophrenia and Cortical Brain Surface Area and Thickness. <i>JAMA Psychiatry</i> , 2021, 78, 1020.	11.0	43
48	Genetic Overlap Between Alzheimerâ€™s Disease and Bipolar Disorder Implicates the MARK2 and VAC14 Genes. <i>Frontiers in Neuroscience</i> , 2019, 13, 220.	2.8	42
49	Estimating Effect Sizes and Expected Replication Probabilities from GWAS Summary Statistics. <i>Frontiers in Genetics</i> , 2016, 7, 15.	2.3	40
50	Abundant Genetic Overlap between Blood Lipids and Immune-Mediated Diseases Indicates Shared Molecular Genetic Mechanisms. <i>PLoS ONE</i> , 2015, 10, e0123057.	2.5	40
51	Modeling the 3D Geometry of the Cortical Surface with Genetic Ancestry. <i>Current Biology</i> , 2015, 25, 1988-1992.	3.9	34
52	Leveraging Genomic Annotations and Pleiotropic Enrichment for Improved Replication Rates in Schizophrenia GWAS. <i>PLoS Genetics</i> , 2016, 12, e1005803.	3.5	34
53	Identification of shared genetic variants between schizophrenia and lung cancer. <i>Scientific Reports</i> , 2018, 8, 674.	3.3	33
54	Molecular genetic overlap between posttraumatic stress disorder and sleep phenotypes. <i>Sleep</i> , 2020, 43, .	1.1	32

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55	Identifying the Common Genetic Basis of Antidepressant Response. <i>Biological Psychiatry Global Open Science</i> , 2022, 2, 115-126.	2.2	31
56	Large-scale genomics unveil polygenic architecture of human cortical surface area. <i>Nature Communications</i> , 2015, 6, 7549.	12.8	30
57	Novel Loci Associated With Attention-Deficit/Hyperactivity Disorder Are Revealed by Leveraging Polygenic Overlap With Educational Attainment. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2018, 57, 86-95.	0.5	30
58	Genetic risk for Alzheimer disease predicts hippocampal volume through the human lifespan. <i>Neurology: Genetics</i> , 2020, 6, e506.	1.9	29
59	Genetic risk scores for major psychiatric disorders and the risk of postpartum psychiatric disorders. <i>Translational Psychiatry</i> , 2019, 9, 288.	4.8	27
60	Classical Human Leukocyte Antigen Alleles and C4 Haplotypes Are Not Significantly Associated With Depression. <i>Biological Psychiatry</i> , 2020, 87, 419-430.	1.3	27
61	Genetic overlap between multiple sclerosis and several cardiovascular disease risk factors. <i>Multiple Sclerosis Journal</i> , 2016, 22, 1783-1793.	3.0	25
62	Education and Income Show Heterogeneous Relationships to Lifespan Brain and Cognitive Differences Across European and US Cohorts. <i>Cerebral Cortex</i> , 2022, 32, 839-854.	2.9	25
63	Gut microbial biomarkers for the treatment response in first-episode, drug-naïve schizophrenia: a 24-week follow-up study. <i>Translational Psychiatry</i> , 2021, 11, 422.	4.8	25
64	Parameters in Dynamic Models of Complex Traits are Containers of Missing Heritability. <i>PLoS Computational Biology</i> , 2012, 8, e1002459.	3.2	24
65	MicroRNAs enrichment in GWAS of complex human phenotypes. <i>BMC Genomics</i> , 2015, 16, 304.	2.8	24
66	An Empirical Bayes Mixture Model for Effect Size Distributions in Genome-Wide Association Studies. <i>PLoS Genetics</i> , 2015, 11, e1005717.	3.5	22
67	Functional Effects of Schizophrenia-Linked Genetic Variants on Intrinsic Single-Neuron Excitability: A Modeling Study. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2016, 1, 49-59.	1.5	21
68	Enhancing Discovery of Genetic Variants for Posttraumatic Stress Disorder Through Integration of Quantitative Phenotypes and Trauma Exposure Information. <i>Biological Psychiatry</i> , 2022, 91, 626-636.	1.3	21
69	Monotonicity is a key feature of genotype-phenotype maps. <i>Frontiers in Genetics</i> , 2013, 4, 216.	2.3	19
70	Pleiotropic Analysis of Lung Cancer and Blood Triglycerides. <i>Journal of the National Cancer Institute</i> , 2016, 108, djw167.	6.3	17
71	Probing the Association between Early Evolutionary Markers and Schizophrenia. <i>PLoS ONE</i> , 2017, 12, e0169227.	2.5	17
72	Association of Whole-Genome and NETRIN1 Signaling Pathway-Derived Polygenic Risk Scores for Major Depressive Disorder and White Matter Microstructure in the UK Biobank. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 91-100.	1.5	16

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73	Leveraging genome characteristics to improve gene discovery for putamen subcortical brain structure. <i>Scientific Reports</i> , 2017, 7, 15736.	3.3	15
74	Genetic Sharing with Cardiovascular Disease Risk Factors and Diabetes Reveals Novel Bone Mineral Density Loci. <i>PLoS ONE</i> , 2015, 10, e0144531.	2.5	14
75	Comparative performance of the REGA subtyping tool version 2 versus version 1. <i>Infection, Genetics and Evolution</i> , 2010, 10, 380-385.	2.3	13
76	Self-reported Sleep Problems Related to Amyloid Deposition in Cortical Regions with High HOMER1 Gene Expression. <i>Cerebral Cortex</i> , 2020, 30, 2144-2156.	2.9	13
77	A molecule-based genetic association approach implicates a range of voltage-gated calcium channels associated with schizophrenia. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2018, 177, 454-467.	1.7	12
78	Post-traumatic stress following military deployment: Genetic associations and cross-disorder genetic correlations. <i>Journal of Affective Disorders</i> , 2019, 252, 350-357.	4.1	12
79	Translating polygenic risk scores for clinical use by estimating the confidence bounds of risk prediction. <i>Nature Communications</i> , 2021, 12, 5276.	12.8	12
80	Genome-wide association study identifies 16 genomic regions associated with circulating cytokines at birth. <i>PLoS Genetics</i> , 2020, 16, e1009163.	3.5	12
81	Associations of circulating C-reactive proteins, APOE ϵ 4, and brain markers for Alzheimer's disease in healthy samples across the lifespan. <i>Brain, Behavior, and Immunity</i> , 2022, 100, 243-253.	4.1	12
82	Modeling prior information of common genetic variants improves gene discovery for neuroticism. <i>Human Molecular Genetics</i> , 2017, 26, 4530-4539.	2.9	10
83	Effects of autozygosity and schizophrenia polygenic risk on cognitive and brain developmental trajectories. <i>European Journal of Human Genetics</i> , 2018, 26, 1049-1059.	2.8	10
84	Enrichment of genetic markers of recent human evolution in educational and cognitive traits. <i>Scientific Reports</i> , 2018, 8, 12585.	3.3	9
85	Relationships between apparent cortical thickness and working memory across the lifespan - Effects of genetics and socioeconomic status. <i>Developmental Cognitive Neuroscience</i> , 2021, 51, 100997.	4.0	8
86	The genetic organization of longitudinal subcortical volumetric change is stable throughout the lifespan. <i>ELife</i> , 2021, 10, .	6.0	7
87	Effect of Regulatory Architecture on Broad versus Narrow Sense Heritability. <i>PLoS Computational Biology</i> , 2013, 9, e1003053.	3.2	6
88	Cross-tissue eQTL enrichment of associations in schizophrenia. <i>PLoS ONE</i> , 2018, 13, e0202812.	2.5	6
89	Genetic control of variability in subcortical and intracranial volumes. <i>Molecular Psychiatry</i> , 2021, 26, 3876-3883.	7.9	6
90	Deep learning-based integration of genetics with registry data for stratification of schizophrenia and depression. <i>Science Advances</i> , 2022, 8, .	10.3	6

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91	Self-reported sleep relates to microstructural hippocampal decline in Aβ-amyloid positive Adults beyond genetic risk. <i>Sleep</i> , 2021, 44, .	1.1	5
92	Semiparametric covariate-modulated local false discovery rate for genome-wide association studies. <i>Annals of Applied Statistics</i> , 2017, 11, .	1.1	4
93	Neurocognitive heterogeneity in 7-year-old children at familial high risk of schizophrenia or bipolar disorder: The Danish high risk and resilience study - VIA 7. <i>Journal of Affective Disorders</i> , 2022, 302, 214-223.	4.1	3
94	Is the Association Between Parents' Mental Illness and Child Psychopathology Mediated via Home Environment and Caregiver's Psychosocial Functioning? A Mediation Analysis of the Danish High Risk and Resilience Study "VIA7, a Population-Based Cohort Study. <i>Schizophrenia Bulletin Open</i> , 2021, 2, .	1.7	2
95	Shared heritability among psychiatric disorders and traits. , 2022, , 341-360.		1
96	Towards "biophysical psychiatry": a modeling approach for studying effects of schizophrenia-linked genes on single-neuron excitability. <i>BMC Neuroscience</i> , 2015, 16, .	1.9	0
97	Multi-State Survival Analysis Of Multi-Psychiatry Disorders. <i>European Neuropsychopharmacology</i> , 2017, 27, S368-S369.	0.7	0
98	[P3¹⁰⁰]: ALZHEIMER'S DISEASE, PARKINSON'S DISEASE AND FRONTOTEMPORAL DEMENTIA: POLYGENICITY AND PLEIOTROPY. <i>Alzheimer's and Dementia</i> , 2017, 13, P972.	0.8	0
99	GWAS of the association between infections and mental disorders including heritability estimation and polygenic risk score analysis. <i>Neurology Psychiatry and Brain Research</i> , 2018, 29, 5.	2.0	0
100	O4.6. GENOME-WIDE ASSOCIATION STUDY, HERITABILITY ESTIMATION AND POLYGENIC RISK ANALYSIS OF SUSCEPTIBILITY TO INFECTIONS IN 65,534 INDIVIDUALS WITH SEVERE MENTAL DISORDERS AND POPULATION CONTROLS. <i>Schizophrenia Bulletin</i> , 2018, 44, S85-S85.	4.3	0
101	Accumulation of disadvantages across multiple domains amongst subgroups of children of parents with schizophrenia or bipolar disorder. Clustering data from the Danish High Risk and Resilience Study VIA 7. <i>Schizophrenia Bulletin Open</i> , 0, , .	1.7	0
102	Title is missing!. , 2020, 16, e1009163.		0
103	Title is missing!. , 2020, 16, e1009163.		0
104	Title is missing!. , 2020, 16, e1009163.		0
105	Title is missing!. , 2020, 16, e1009163.		0