Chia-Yen Chen

List of Publications by Year
in descending order

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59 papers	10,643 citations	136950 32 h-index	118850 62 g-index
85 all docs	85 docs citations	85 times ranked	12361 citing authors

#	Article	IF	Citations
1	Detection of widespread horizontal pleiotropy in causal relationships inferred from Mendelian randomization between complex traits and diseases. Nature Genetics, 2018, 50, 693-698.	21.4	3,593
2	Mapping genomic loci implicates genes and synaptic biology in schizophrenia. Nature, 2022, 604, 502-508.	27.8	929
3	Polygenic prediction via Bayesian regression and continuous shrinkage priors. Nature Communications, 2019, 10, 1776.	12.8	832
4	Genome-wide association analyses of risk tolerance and risky behaviors in over 1 million individuals identify hundreds of loci and shared genetic influences. Nature Genetics, 2019, 51, 245-257.	21.4	536
5	Comparative genetic architectures of schizophrenia in East Asian and European populations. Nature Genetics, 2019, 51, 1670-1678.	21.4	440
6	Genome-wide Association Studies in Ancestrally Diverse Populations: Opportunities, Methods, Pitfalls, and Recommendations. Cell, 2019, 179, 589-603.	28.9	428
7	Assessment of Bidirectional Relationships Between Physical Activity and Depression Among Adults. JAMA Psychiatry, 2019, 76, 399.	11.0	399
8	International meta-analysis of PTSD genome-wide association studies identifies sex- and ancestry-specific genetic risk loci. Nature Communications, 2019, 10, 4558.	12.8	363
9	Advancing human genetics research and drug discovery through exome sequencing of the UK Biobank. Nature Genetics, 2021, 53, 942-948.	21.4	234
10	Improving polygenic prediction in ancestrally diverse populations. Nature Genetics, 2022, 54, 573-580.	21.4	209
11	Phenome-wide heritability analysis of the UK Biobank. PLoS Genetics, 2017, 13, e1006711.	3.5	191
12	Being overweight or obese and risk of developing rheumatoid arthritis among women: a prospective cohort study. Annals of the Rheumatic Diseases, 2014, 73, 1914-1922.	0.9	168
13	Penetrance and Pleiotropy of Polygenic Risk Scores for Schizophrenia in 106,160 Patients Across Four Health Care Systems. American Journal of Psychiatry, 2019, 176, 846-855.	7.2	168
14	Improved ancestry inference using weights from external reference panels. Bioinformatics, 2013, 29, 1399-1406.	4.1	163
15	Genome-wide Association Studies of Posttraumatic Stress Disorder in 2 Cohorts of US Army Soldiers. JAMA Psychiatry, 2016, 73, 695.	11.0	158
16	An Exposure-Wide and Mendelian Randomization Approach to Identifying Modifiable Factors for the Prevention of Depression. American Journal of Psychiatry, 2020, 177, 944-954.	7.2	119
17	Evaluation of polygenic risk scores for predicting breast and prostate cancer risk. Genetic Epidemiology, 2011, 35, n/a-n/a.	1.3	74
18	Genome-wide analysis of insomnia disorder. Molecular Psychiatry, 2018, 23, 2238-2250.	7.9	71

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19	Evaluating the cardiovascular safety of sclerostin inhibition using evidence from meta-analysis of clinical trials and human genetics. Science Translational Medicine, 2020, 12, .	12.4	68
20	Genetic associations of protein-coding variants in human disease. Nature, 2022, 603, 95-102.	27.8	67
21	Exome sequencing in bipolar disorder identifies AKAP11 as a risk gene shared with schizophrenia. Nature Genetics, 2022, 54, 541-547.	21.4	65
22	Sex-Dependent Shared and Nonshared Genetic Architecture Across Mood and Psychotic Disorders. Biological Psychiatry, 2022, 91, 102-117.	1.3	61
23	GWAS Identifies Risk Locus for Erectile Dysfunction and Implicates Hypothalamic Neurobiology and Diabetes in Etiology. American Journal of Human Genetics, 2019, 104, 157-163.	6.2	55
24	Genomewide association studies of suicide attempts in US soldiers. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2017, 174, 786-797.	1.7	52
25	The genetic architecture of sporadic and multiple consecutive miscarriage. Nature Communications, 2020, 11, 5980.	12.8	52
26	Genetic risk variants for social anxiety. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2017, 174, 120-131.	1.7	49
27	Upper Urinary Tract Urothelial Carcinoma in Eastern Taiwan: High Proportion Among All Urothelial Carcinomas and Correlation with Chronic Kidney Disease. Journal of the Formosan Medical Association, 2007, 106, 992-998.	1.7	48
28	Development and validation of a trans-ancestry polygenic risk score for type 2 diabetes in diverse populations. Genome Medicine, 2022, 14, .	8.2	48
29	Genomic influences on self-reported childhood maltreatment. Translational Psychiatry, 2020, 10, 38.	4.8	47
30	Contribution of Rare Copy Number Variants toÂBipolar Disorder Risk Is Limited to Schizoaffective Cases. Biological Psychiatry, 2019, 86, 110-119.	1.3	45
31	Analysis of Genetically Regulated Gene Expression Identifies a Prefrontal PTSD Gene, SNRNP35, Specific to Military Cohorts. Cell Reports, 2020, 31, 107716.	6.4	44
32	The schizophrenia risk locus in SLC39A8 alters brain metal transport and plasma glycosylation. Scientific Reports, 2020, 10, 13162.	3.3	43
33	Identifying drug targets for neurological and psychiatric disease via genetics and the brain transcriptome. PLoS Genetics, 2021, 17, e1009224.	3.5	43
34	Genomeâ€wide association study of generalized anxiety symptoms in the Hispanic Community Health Study/Study of Latinos. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2017, 174, 132-143.	1.7	37
35	Genomeâ€wide analyses of psychological resilience in U.S. Army soldiers. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2019, 180, 310-319.	1.7	34
36	The causal role of circulating vitamin D concentrations in human complex traits and diseases: a large-scale Mendelian randomization study. Scientific Reports, 2021, 11, 184.	3.3	34

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37	Molecular genetic overlap between posttraumatic stress disorder and sleep phenotypes. Sleep, 2020, 43, .	1.1	32
38	Malignant Ureteral Obstruction: Functional Duration of Metallic versus Polymeric Ureteral Stents. PLoS ONE, 2015, 10, e0135566.	2.5	31
39	Genomewide association analyses of electrophysiological endophenotypes for schizophrenia and psychotic bipolar disorders: A preliminary report. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2015, 168, 151-161.	1.7	30
40	Explicit Modeling of Ancestry Improves Polygenic Risk Scores and BLUP Prediction. Genetic Epidemiology, 2015, 39, 427-438.	1.3	30
41	Genetic validation of bipolar disorder identified by automated phenotyping using electronic health records. Translational Psychiatry, 2018, 8, 86.	4.8	24
42	The Shared Genetic Basis of Educational Attainment and Cerebral Cortical Morphology. Cerebral Cortex, 2019, 29, 3471-3481.	2.9	23
43	Prospective study of polygenic risk, protective factors, and incident depression following combat deployment in US Army soldiers. Psychological Medicine, 2020, 50, 737-745.	4.5	22
44	Cross-Phenotype Polygenic Risk Score Analysis of Persistent Post-Concussive Symptoms in U.S. Army Soldiers with Deployment-Acquired Traumatic Brain Injury. Journal of Neurotrauma, 2017, 34, 781-789.	3.4	21
45	Enhancing Discovery of Genetic Variants for Posttraumatic Stress Disorder Through Integration of Quantitative Phenotypes and Trauma Exposure Information. Biological Psychiatry, 2022, 91, 626-636.	1.3	21
46	Advanced Paternal Age and Early Onset of Schizophrenia in Sporadic Cases: Not Confounded by Parental Polygenic Risk for Schizophrenia. Biological Psychiatry, 2019, 86, 56-64.	1.3	18
47	Integration of questionnaire-based risk factors improves polygenic risk scores for human coronary heart disease and type 2 diabetes. Communications Biology, 2022, 5, 158.	4.4	18
48	Genome-wide association analysis of opioid use disorder: A novel approach using clinical data. Drug and Alcohol Dependence, 2020, 217, 108276.	3.2	17
49	Genome-wide association study of depressive symptoms in the Hispanic Community Health Study/Study of Latinos. Journal of Psychiatric Research, 2018, 99, 167-176.	3.1	15
50	Genomeâ€wide association study of shared liability to anxiety disorders in Army STARRS. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2020, 183, 197-207.	1.7	13
51	Identifying nootropic drug targets via large-scale cognitive GWAS and transcriptomics. Neuropsychopharmacology, 2021, 46, 1788-1801.	5.4	12
52	Genome-wide association analysis of insomnia using data from Partners Biobank. Scientific Reports, 2020, 10, 6928.	3.3	11
53	Causality of abdominal obesity on cognition: a trans-ethnic Mendelian randomization study. International Journal of Obesity, 2022, 46, 1487-1492.	3.4	10
54	Familial aggregation and shared genetic loading for major psychiatric disorders and type 2 diabetes. Diabetologia, 2022, 65, 800-810.	6.3	9

#	Article	IF	Citations
55	Polygenic pleiotropy and potential causal relationships between educational attainment, neurobiological profile, and positive psychotic symptoms. Translational Psychiatry, 2018, 8, 97.	4.8	8
56	Association between GLP-1 receptor gene polymorphisms with reward learning, anhedonia and depression diagnosis. Acta Neuropsychiatrica, 2020, 32, 218-225.	2.1	8
57	Pairwise effects between lipid GWAS genes modulate lipid plasma levels and cellular uptake. Nature Communications, 2021, 12, 6411.	12.8	6
58	The burden of rare protein-truncating genetic variants on human lifespan. Nature Aging, 2022, 2, 289-294.	11.6	6
59	Response to comment on â€œEvaluating the cardiovascular safety of sclerostin inhibition using evidence from meta-analysis of clinical trials and human geneticsâ€. Science Translational Medicine, 2021, 13, eabf4530.	12.4	1