

# Chia-Yen Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Sex-Dependent Shared and Nonshared Genetic Architecture Across Mood and Psychotic Disorders. <i>Biological Psychiatry</i> , 2022, 91, 102-117.	1.3	61
2	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
3	Integration of questionnaire-based risk factors improves polygenic risk scores for human coronary heart disease and type 2 diabetes. <i>Communications Biology</i> , 2022, 5, 158.	4.4	18
4	Genetic associations of protein-coding variants in human disease. <i>Nature</i> , 2022, 603, 95-102.	27.8	67
5	Familial aggregation and shared genetic loading for major psychiatric disorders and type 2 diabetes. <i>Diabetologia</i> , 2022, 65, 800-810.	6.3	9
6	The burden of rare protein-truncating genetic variants on human lifespan. <i>Nature Aging</i> , 2022, 2, 289-294.	11.6	6
7	Mapping genomic loci implicates genes and synaptic biology in schizophrenia. <i>Nature</i> , 2022, 604, 502-508.	27.8	929
8	Exome sequencing in bipolar disorder identifies AKAP11 as a risk gene shared with schizophrenia. <i>Nature Genetics</i> , 2022, 54, 541-547.	21.4	65
9	Improving polygenic prediction in ancestrally diverse populations. <i>Nature Genetics</i> , 2022, 54, 573-580.	21.4	209
10	Causality of abdominal obesity on cognition: a trans-ethnic Mendelian randomization study. <i>International Journal of Obesity</i> , 2022, 46, 1487-1492.	3.4	10
11	Development and validation of a trans-ancestry polygenic risk score for type 2 diabetes in diverse populations. <i>Genome Medicine</i> , 2022, 14, .	8.2	48
12	The causal role of circulating vitamin D concentrations in human complex traits and diseases: a large-scale Mendelian randomization study. <i>Scientific Reports</i> , 2021, 11, 184.	3.3	34
13	Identifying drug targets for neurological and psychiatric disease via genetics and the brain transcriptome. <i>PLoS Genetics</i> , 2021, 17, e1009224.	3.5	43
14	Identifying nootropic drug targets via large-scale cognitive GWAS and transcriptomics. <i>Neuropsychopharmacology</i> , 2021, 46, 1788-1801.	5.4	12
15	Advancing human genetics research and drug discovery through exome sequencing of the UK Biobank. <i>Nature Genetics</i> , 2021, 53, 942-948.	21.4	234
16	Pairwise effects between lipid GWAS genes modulate lipid plasma levels and cellular uptake. <i>Nature Communications</i> , 2021, 12, 6411.	12.8	6
17	Response to comment on "Evaluating the cardiovascular safety of sclerostin inhibition using evidence from meta-analysis of clinical trials and human genetics". <i>Science Translational Medicine</i> , 2021, 13, eabf4530.	12.4	1
18	Prospective study of polygenic risk, protective factors, and incident depression following combat deployment in US Army soldiers. <i>Psychological Medicine</i> , 2020, 50, 737-745.	4.5	22

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19	Genome-wide association study of shared liability to anxiety disorders in Army STARRS. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2020, 183, 197-207.	1.7	13
20	Molecular genetic overlap between posttraumatic stress disorder and sleep phenotypes. <i>Sleep</i> , 2020, 43, .	1.1	32
21	Genome-wide association analysis of opioid use disorder: A novel approach using clinical data. <i>Drug and Alcohol Dependence</i> , 2020, 217, 108276.	3.2	17
22	The genetic architecture of sporadic and multiple consecutive miscarriage. <i>Nature Communications</i> , 2020, 11, 5980.	12.8	52
23	Analysis of Genetically Regulated Gene Expression Identifies a Prefrontal PTSD Gene, SNRNP35, Specific to Military Cohorts. <i>Cell Reports</i> , 2020, 31, 107716.	6.4	44
24	An Exposure-Wide and Mendelian Randomization Approach to Identifying Modifiable Factors for the Prevention of Depression. <i>American Journal of Psychiatry</i> , 2020, 177, 944-954.	7.2	119
25	The schizophrenia risk locus in SLC39A8 alters brain metal transport and plasma glycosylation. <i>Scientific Reports</i> , 2020, 10, 13162.	3.3	43
26	Association between GLP-1 receptor gene polymorphisms with reward learning, anhedonia and depression diagnosis. <i>Acta Neuropsychiatrica</i> , 2020, 32, 218-225.	2.1	8
27	Evaluating the cardiovascular safety of sclerostin inhibition using evidence from meta-analysis of clinical trials and human genetics. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	68
28	Genomic influences on self-reported childhood maltreatment. <i>Translational Psychiatry</i> , 2020, 10, 38.	4.8	47
29	Genome-wide association analysis of insomnia using data from Partners Biobank. <i>Scientific Reports</i> , 2020, 10, 6928.	3.3	11
30	Penetrance and Pleiotropy of Polygenic Risk Scores for Schizophrenia in 106,160 Patients Across Four Health Care Systems. <i>American Journal of Psychiatry</i> , 2019, 176, 846-855.	7.2	168
31	Genome-wide Association Studies in Ancestrally Diverse Populations: Opportunities, Methods, Pitfalls, and Recommendations. <i>Cell</i> , 2019, 179, 589-603.	28.9	428
32	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
33	Assessment of Bidirectional Relationships Between Physical Activity and Depression Among Adults. <i>JAMA Psychiatry</i> , 2019, 76, 399.	11.0	399
34	Genome-wide analyses of psychological resilience in U.S. Army soldiers. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2019, 180, 310-319.	1.7	34
35	Polygenic prediction via Bayesian regression and continuous shrinkage priors. <i>Nature Communications</i> , 2019, 10, 1776.	12.8	832
36	Advanced Paternal Age and Early Onset of Schizophrenia in Sporadic Cases: Not Confounded by Parental Polygenic Risk for Schizophrenia. <i>Biological Psychiatry</i> , 2019, 86, 56-64.	1.3	18

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37	Comparative genetic architectures of schizophrenia in East Asian and European populations. <i>Nature Genetics</i> , 2019, 51, 1670-1678.	21.4	440
38	GWAS Identifies Risk Locus for Erectile Dysfunction and Implicates Hypothalamic Neurobiology and Diabetes in Etiology. <i>American Journal of Human Genetics</i> , 2019, 104, 157-163.	6.2	55
39	Contribution of Rare Copy Number Variants to Bipolar Disorder Risk Is Limited to Schizoaffective Cases. <i>Biological Psychiatry</i> , 2019, 86, 110-119.	1.3	45
40	Genome-wide association analyses of risk tolerance and risky behaviors in over 1 million individuals identify hundreds of loci and shared genetic influences. <i>Nature Genetics</i> , 2019, 51, 245-257.	21.4	536
41	The Shared Genetic Basis of Educational Attainment and Cerebral Cortical Morphology. <i>Cerebral Cortex</i> , 2019, 29, 3471-3481.	2.9	23
42	Genome-wide analysis of insomnia disorder. <i>Molecular Psychiatry</i> , 2018, 23, 2238-2250.	7.9	71
43	Genetic validation of bipolar disorder identified by automated phenotyping using electronic health records. <i>Translational Psychiatry</i> , 2018, 8, 86.	4.8	24
44	Detection of widespread horizontal pleiotropy in causal relationships inferred from Mendelian randomization between complex traits and diseases. <i>Nature Genetics</i> , 2018, 50, 693-698.	21.4	3,593
45	Genome-wide association study of depressive symptoms in the Hispanic Community Health Study/Study of Latinos. <i>Journal of Psychiatric Research</i> , 2018, 99, 167-176.	3.1	15
46	Polygenic pleiotropy and potential causal relationships between educational attainment, neurobiological profile, and positive psychotic symptoms. <i>Translational Psychiatry</i> , 2018, 8, 97.	4.8	8
47	Genome-wide association study of generalized anxiety symptoms in the Hispanic Community Health Study/Study of Latinos. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2017, 174, 132-143.	1.7	37
48	Genetic risk variants for social anxiety. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2017, 174, 120-131.	1.7	49
49	Genomewide association studies of suicide attempts in US soldiers. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2017, 174, 786-797.	1.7	52
50	Cross-Phenotype Polygenic Risk Score Analysis of Persistent Post-Concussive Symptoms in U.S. Army Soldiers with Deployment-Acquired Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 781-789.	3.4	21
51	Phenome-wide heritability analysis of the UK Biobank. <i>PLoS Genetics</i> , 2017, 13, e1006711.	3.5	191
52	Genome-wide Association Studies of Posttraumatic Stress Disorder in 2 Cohorts of US Army Soldiers. <i>JAMA Psychiatry</i> , 2016, 73, 695.	11.0	158
53	Genomewide association analyses of electrophysiological endophenotypes for schizophrenia and psychotic bipolar disorders: A preliminary report. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2015, 168, 151-161.	1.7	30
54	Explicit Modeling of Ancestry Improves Polygenic Risk Scores and BLUP Prediction. <i>Genetic Epidemiology</i> , 2015, 39, 427-438.	1.3	30

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55	Malignant Ureteral Obstruction: Functional Duration of Metallic versus Polymeric Ureteral Stents. PLoS ONE, 2015, 10, e0135566.	2.5	31
56	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
57	Improved ancestry inference using weights from external reference panels. Bioinformatics, 2013, 29, 1399-1406.	4.1	163
58	Evaluation of polygenic risk scores for predicting breast and prostate cancer risk. Genetic Epidemiology, 2011, 35, n/a-n/a.	1.3	74
59	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