

Chi-Hua Chen

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

4,376
citations

236925

25
h-index

214800

47
g-index

49
all docs

49
docs citations

49
times ranked

8818
citing authors

#	ARTICLE	IF	CITATIONS
1	Gut Microbiome-Based Metagenomic Signature for Non-invasive Detection of Advanced Fibrosis in Human Nonalcoholic Fatty Liver Disease. <i>Cell Metabolism</i> , 2017, 25, 1054-1062.e5.	16.2	748
2	A quantitative meta-analysis of fMRI studies in bipolar disorder. <i>Bipolar Disorders</i> , 2011, 13, 1-15.	1.9	400
3	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
4	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
5	Heritability of Hepatic Fibrosis and Steatosis Based on a Prospective Twin Study. <i>Gastroenterology</i> , 2015, 149, 1784-1793.	1.3	294
6	Hierarchical Genetic Organization of Human Cortical Surface Area. <i>Science</i> , 2012, 335, 1634-1636.	12.6	266
7	Development and aging of cortical thickness correspond to genetic organization patterns. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15462-15467.	7.1	228
8	Genetic topography of brain morphology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 17089-17094.	7.1	197
9	Association Between Genetic Traits for Immune-Mediated Diseases and Alzheimer Disease. <i>JAMA Neurology</i> , 2016, 73, 691.	9.0	151
10	Polygenic Overlap Between C-Reactive Protein, Plasma Lipids, and Alzheimer Disease. <i>Circulation</i> , 2015, 131, 2061-2069.	1.6	145
11	Link between gut microbiome derived metabolite and shared gene effects with hepatic steatosis and fibrosis in NAFLD. <i>Hepatology</i> , 2018, 68, 918-932.	7.3	141
12	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
13	Genetic Influences on Cortical Regionalization in the Human Brain. <i>Neuron</i> , 2011, 72, 537-544.	8.1	118
14	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
15	Identification of genetic loci shared between schizophrenia and the Big Five personality traits. <i>Scientific Reports</i> , 2017, 7, 2222.	3.3	79
16	Shared genetic effects between hepatic steatosis and fibrosis: A prospective twin study. <i>Hepatology</i> , 2016, 64, 1547-1558.	7.3	64
17	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
18	Sex-dependent autosomal effects on clinical progression of Alzheimer's disease. <i>Brain</i> , 2020, 143, 2272-2280.	7.6	46

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19	Anxiety is related to indices of cortical maturation in typically developing children and adolescents. <i>Brain Structure and Function</i> , 2016, 221, 3013-3025.	2.3	43
20	Combining Polygenic Hazard Score With Volumetric MRI and Cognitive Measures Improves Prediction of Progression From Mild Cognitive Impairment to Alzheimer's Disease. <i>Frontiers in Neuroscience</i> , 2018, 12, 260.	2.8	41
21	Is bigger always better? The importance of cortical configuration with respect to cognitive ability. <i>NeuroImage</i> , 2016, 129, 356-366.	4.2	36
22	Cerebellar Volume Is Associated with Cognitive Decline in Mild Cognitive Impairment: Results from ADNI. <i>Cerebellum</i> , 2020, 19, 217-225.	2.5	36
23	Modeling the 3D Geometry of the Cortical Surface with Genetic Ancestry. <i>Current Biology</i> , 2015, 25, 1988-1992.	3.9	34
24	Identification of genetic heterogeneity of Alzheimer's disease across age. <i>Neurobiology of Aging</i> , 2019, 84, 243.e1-243.e9.	3.1	34
25	Discovery of genomic loci of the human cerebral cortex using genetically informed brain atlases. <i>Science</i> , 2022, 375, 522-528.	12.6	31
26	Large-scale genomics unveil polygenic architecture of human cortical surface area. <i>Nature Communications</i> , 2015, 6, 7549.	12.8	30
27	Quantifying the Polygenic Architecture of the Human Cerebral Cortex: Extensive Genetic Overlap between Cortical Thickness and Surface Area. <i>Cerebral Cortex</i> , 2020, 30, 5597-5603.	2.9	29
28	Continuity and Discontinuity in Human Cortical Development and Change From Embryonic Stages to Old Age. <i>Cerebral Cortex</i> , 2019, 29, 3879-3890.	2.9	27
29	GWASinlps: non-local prior based iterative SNP selection tool for genome-wide association studies. <i>Bioinformatics</i> , 2019, 35, 1-11.	4.1	26
30	Collagen Formation Assessed by N-terminal Propeptide of Type 3 Procollagen Is a Heritable Trait and Is Associated With Liver Fibrosis Assessed by Magnetic Resonance Elastography. <i>Hepatology</i> , 2019, 70, 127-141.	7.3	21
31	Atypical genomic cortical patterning in autism with poor early language outcome. <i>Science Advances</i> , 2021, 7, eabh1663.	10.3	21
32	Revisiting Antipsychotic Drug Actions Through Gene Networks Associated With Schizophrenia. <i>American Journal of Psychiatry</i> , 2018, 175, 674-682.	7.2	20
33	Go/No Go task performance predicts cortical thickness in the caudal inferior frontal gyrus in young adults with and without ADHD. <i>Brain Imaging and Behavior</i> , 2016, 10, 880-892.	2.1	19
34	Beyond heritability: improving discoverability in imaging genetics. <i>Human Molecular Genetics</i> , 2018, 27, R22-R28.	2.9	19
35	Leveraging genome characteristics to improve gene discovery for putamen subcortical brain structure. <i>Scientific Reports</i> , 2017, 7, 15736.	3.3	15
36	Conservation of Distinct Genetically-Mediated Human Cortical Pattern. <i>PLoS Genetics</i> , 2016, 12, e1006143.	3.5	15

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37	Genetic network properties of the human cortex based on regional thickness and surface area measures. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 440.	2.0	14
38	Interactome overlap between schizophrenia and cognition. <i>Schizophrenia Research</i> , 2020, 222, 167-174.	2.0	13
39	Multivariate genome-wide association study on tissue-sensitive diffusion metrics highlights pathways that shape the human brain. <i>Nature Communications</i> , 2022, 13, 2423.	12.8	12
40	Modeling prior information of common genetic variants improves gene discovery for neuroticism. <i>Human Molecular Genetics</i> , 2017, 26, 4530-4539.	2.9	10
41	Mapping the gene network landscape of Alzheimer's disease through integrating genomics and transcriptomics. <i>PLoS Computational Biology</i> , 2022, 18, e1009903.	3.2	9
42	Similar Genetic Architecture of Alzheimer's Disease and Differential APOE Effect Between Sexes. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 674318.	3.4	8
43	Borderline personality disorder and the big five: molecular genetic analyses indicate shared genetic architecture with neuroticism and openness. <i>Translational Psychiatry</i> , 2022, 12, 153.	4.8	7
44	Williams Syndrome neuroanatomical score associates with GTF2IRD1 in large-scale magnetic resonance imaging cohorts: a proof of concept for multivariate endophenotypes. <i>Translational Psychiatry</i> , 2018, 8, 114.	4.8	6
45	Causal association of cognitive reserve on Alzheimer's disease with putative sex difference. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2021, 13, e12270.	2.4	2
46	Interplay between the genetics of personality traits, severe psychiatric disorders and COVID-19 host genetics in the susceptibility to SARS-CoV-2 infection. <i>BJPsych Open</i> , 2021, 7, e188.	0.7	1
47	Do aggregate, multimodal structural neuroimaging measures replicate regional developmental differences observed in highly cited cellular histological studies?. <i>Developmental Cognitive Neuroscience</i> , 2022, 54, 101086.	4.0	0