

# Chi-Hua Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/152032/publications.pdf>

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	Discovery of genomic loci of the human cerebral cortex using genetically informed brain atlases. <i>Science</i> , 2022, 375, 522-528.	12.6	31
2	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
3	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
4	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
5	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
6	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
7	Atypical genomic cortical patterning in autism with poor early language outcome. <i>Science Advances</i> , 2021, 7, eabh1663.	10.3	21
8	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
9	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
10	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
11	Cerebellar Volume Is Associated with Cognitive Decline in Mild Cognitive Impairment: Results from ADNI. <i>Cerebellum</i> , 2020, 19, 217-225.	2.5	36
12	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
13	Interactome overlap between schizophrenia and cognition. <i>Schizophrenia Research</i> , 2020, 222, 167-174.	2.0	13
14	Sex-dependent autosomal effects on clinical progression of Alzheimer's disease. <i>Brain</i> , 2020, 143, 2272-2280.	7.6	46
15	CWASinlps: non-local prior based iterative SNP selection tool for genome-wide association studies. <i>Bioinformatics</i> , 2019, 35, 1-11.	4.1	26
16	Identification of genetic heterogeneity of Alzheimer's disease across age. <i>Neurobiology of Aging</i> , 2019, 84, 243.e1-243.e9.	3.1	34
17	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
18	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

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19	Beyond heritability: improving discoverability in imaging genetics. <i>Human Molecular Genetics</i> , 2018, 27, R22-R28.	2.9	19
20	Revisiting Antipsychotic Drug Actions Through Gene Networks Associated With Schizophrenia. <i>American Journal of Psychiatry</i> , 2018, 175, 674-682.	7.2	20
21	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
22	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
23	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
24	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
25	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
26	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
27	Identification of genetic loci shared between schizophrenia and the Big Five personality traits. <i>Scientific Reports</i> , 2017, 7, 2222.	3.3	79
28	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
29	Leveraging genome characteristics to improve gene discovery for putamen subcortical brain structure. <i>Scientific Reports</i> , 2017, 7, 15736.	3.3	15
30	Modeling prior information of common genetic variants improves gene discovery for neuroticism. <i>Human Molecular Genetics</i> , 2017, 26, 4530-4539.	2.9	10
31	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
32	Shared genetic effects between hepatic steatosis and fibrosis: A prospective twin study. <i>Hepatology</i> , 2016, 64, 1547-1558.	7.3	64
33	Association Between Genetic Traits for Immune-Mediated Diseases and Alzheimer Disease. <i>JAMA Neurology</i> , 2016, 73, 691.	9.0	151
34	Is bigger always better? The importance of cortical configuration with respect to cognitive ability. <i>NeuroImage</i> , 2016, 129, 356-366.	4.2	36
35	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
36	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

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37	Conservation of Distinct Genetically-Mediated Human Cortical Pattern. PLoS Genetics, 2016, 12, e1006143.	3.5	15
38	Genetic network properties of the human cortex based on regional thickness and surface area measures. Frontiers in Human Neuroscience, 2015, 9, 440.	2.0	14
39	Modeling the 3D Geometry of the Cortical Surface with Genetic Ancestry. Current Biology, 2015, 25, 1988-1992.	3.9	34
40	Large-scale genomics unveil polygenic architecture of human cortical surface area. Nature Communications, 2015, 6, 7549.	12.8	30
41	Polygenic Overlap Between C-Reactive Protein, Plasma Lipids, and Alzheimer Disease. Circulation, 2015, 131, 2061-2069.	1.6	145
42	Development and aging of cortical thickness correspond to genetic organization patterns. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 15462-15467.	7.1	228
43	Heritability of Hepatic Fibrosis and Steatosis Based on a Prospective Twin Study. Gastroenterology, 2015, 149, 1784-1793.	1.3	294
44	Genetic topography of brain morphology. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 17089-17094.	7.1	197
45	Hierarchical Genetic Organization of Human Cortical Surface Area. Science, 2012, 335, 1634-1636.	12.6	266
46	Genetic Influences on Cortical Regionalization in the Human Brain. Neuron, 2011, 72, 537-544.	8.1	118
47	A quantitative meta-analysis of fMRI studies in bipolar disorder. Bipolar Disorders, 2011, 13, 1-15.	1.9	400