

Wei-Min Chen

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

10,297
citations

87723

38
h-index

88477

70
g-index

72
all docs

72
docs citations

72
times ranked

21040
citing authors

#	ARTICLE	IF	CITATIONS
1	Robust relationship inference in genome-wide association studies. <i>Bioinformatics</i> , 2010, 26, 2867-2873.	1.8	2,328
2	Multiancestry genome-wide association study of 520,000 subjects identifies 32 loci associated with stroke and stroke subtypes. <i>Nature Genetics</i> , 2018, 50, 524-537.	9.4	1,124
3	Analysis of shared heritability in common disorders of the brain. <i>Science</i> , 2018, 360, .	6.0	1,085
4	Fine mapping of type 1 diabetes susceptibility loci and evidence for colocalization of causal variants with lymphoid gene enhancers. <i>Nature Genetics</i> , 2015, 47, 381-386.	9.4	589
5	Genetic risk factors for ischaemic stroke and its subtypes (the METASTROKE Collaboration): a meta-analysis of genome-wide association studies. <i>Lancet Neurology</i> , The, 2012, 11, 951-962.	4.9	445
6	Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. <i>Nature Communications</i> , 2016, 7, 10023.	5.8	412
7	Genome Analyses of >200,000 Individuals Identify 58 Loci for Chronic Inflammation and Highlight Pathways that Link Inflammation and Complex Disorders. <i>American Journal of Human Genetics</i> , 2018, 103, 691-706.	2.6	326
8	Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation. <i>Nature Genetics</i> , 2022, 54, 560-572.	9.4	250
9	Additive and interaction effects at three amino acid positions in HLA-DQ and HLA-DR molecules drive type 1 diabetes risk. <i>Nature Genetics</i> , 2015, 47, 898-905.	9.4	235
10	A meta-analysis identifies new loci associated with body mass index in individuals of African ancestry. <i>Nature Genetics</i> , 2013, 45, 690-696.	9.4	232
11	Loci associated with ischaemic stroke and its subtypes (SiGN): a genome-wide association study. <i>Lancet Neurology</i> , The, 2016, 15, 174-184.	4.9	217
12	Avoiding dynastic, assortative mating, and population stratification biases in Mendelian randomization through within-family analyses. <i>Nature Communications</i> , 2020, 11, 3519.	5.8	213
13	Meta-Analysis of Genome-Wide Association Studies in African Americans Provides Insights into the Genetic Architecture of Type 2 Diabetes. <i>PLoS Genetics</i> , 2014, 10, e1004517.	1.5	191
14	Widespread non-additive and interaction effects within HLA loci modulate the risk of autoimmune diseases. <i>Nature Genetics</i> , 2015, 47, 1085-1090.	9.4	164
15	Variations in the G6PC2/ABCB11 genomic region are associated with fasting glucose levels. <i>Journal of Clinical Investigation</i> , 2008, 118, 2620-8.	3.9	146
16	Low-frequency and common genetic variation in ischemic stroke. <i>Neurology</i> , 2016, 86, 1217-1226.	1.5	141
17	Genome-Wide Association Study of Diabetic Kidney Disease Highlights Biology Involved in Glomerular Basement Membrane Collagen. <i>Journal of the American Society of Nephrology: JASN</i> , 2019, 30, 2000-2016.	3.0	135
18	Fine-mapping, trans-ancestral and genomic analyses identify causal variants, cells, genes and drug targets for type 1 diabetes. <i>Nature Genetics</i> , 2021, 53, 962-971.	9.4	133

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19	Fine-mapping and functional studies highlight potential causal variants for rheumatoid arthritis and type 1 diabetes. <i>Nature Genetics</i> , 2018, 50, 1366-1374.	9.4	122
20	Genome-Wide Association of Body Fat Distribution in African Ancestry Populations Suggests New Loci. <i>PLoS Genetics</i> , 2013, 9, e1003681.	1.5	109
21	Role of Type 1 Diabetes-Associated SNPs on Risk of Autoantibody Positivity in the TEDDY Study. <i>Diabetes</i> , 2015, 64, 1818-1829.	0.3	108
22	Discovery and fine-mapping of adiposity loci using high density imputation of genome-wide association studies in individuals of African ancestry: African Ancestry Anthropometry Genetics Consortium. <i>PLoS Genetics</i> , 2017, 13, e1006719.	1.5	98
23	HLA-DRB1*07:01 is associated with a higher risk of asparaginase allergies. <i>Blood</i> , 2014, 124, 1266-1276.	0.6	84
24	Predicting Islet Cell Autoimmunity and Type 1 Diabetes: An 8-Year TEDDY Study Progress Report. <i>Diabetes Care</i> , 2019, 42, 1051-1060.	4.3	75
25	Meta-analysis of ImmunoChip data of four autoimmune diseases reveals novel single-disease and cross-phenotype associations. <i>Genome Medicine</i> , 2018, 10, 97.	3.6	73
26	Plasma 25-Hydroxyvitamin D Concentration and Risk of Islet Autoimmunity. <i>Diabetes</i> , 2018, 67, 146-154.	0.3	72
27	Genome-Wide Meta-Analysis of Homocysteine and Methionine Metabolism Identifies Five One Carbon Metabolism Loci and a Novel Association of ALDH1L1 with Ischemic Stroke. <i>PLoS Genetics</i> , 2014, 10, e1004214.	1.5	69
28	Dextran restores albumin-inhibited surface activity of pulmonary surfactant extract. <i>Journal of Applied Physiology</i> , 1999, 86, 1778-1784.	1.2	63
29	Meta-Analysis of Genome-Wide Association Studies Identifies Genetic Risk Factors for Stroke in African Americans. <i>Stroke</i> , 2015, 46, 2063-2068.	1.0	63
30	A method to decipher pleiotropy by detecting underlying heterogeneity driven by hidden subgroups applied to autoimmune and neuropsychiatric diseases. <i>Nature Genetics</i> , 2016, 48, 803-810.	9.4	62
31	Type 1 Diabetes Risk in African-Ancestry Participants and Utility of an Ancestry-Specific Genetic Risk Score. <i>Diabetes Care</i> , 2019, 42, 406-415.	4.3	62
32	A Generalized Family-Based Association Test for Dichotomous Traits. <i>American Journal of Human Genetics</i> , 2009, 85, 364-376.	2.6	59
33	Trans-ethnic Meta-analysis and Functional Annotation Illuminates the Genetic Architecture of Fasting Glucose and Insulin. <i>American Journal of Human Genetics</i> , 2016, 99, 56-75.	2.6	55
34	Rare and Coding Region Genetic Variants Associated With Risk of Ischemic Stroke. <i>JAMA Neurology</i> , 2015, 72, 781.	4.5	49
35	Regulation of Gene Expression in Autoimmune Disease Loci and the Genetic Basis of Proliferation in CD4+ Effector Memory T Cells. <i>PLoS Genetics</i> , 2014, 10, e1004404.	1.5	46
36	Identification of Non-HLA Genes Associated with Celiac Disease and Country-Specific Differences in a Large, International Pediatric Cohort. <i>PLoS ONE</i> , 2016, 11, e0152476.	1.1	46

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37	Identification of non-HLA genes associated with development of islet autoimmunity and type 1 diabetes in the prospective TEDDY cohort. <i>Journal of Autoimmunity</i> , 2018, 89, 90-100.	3.0	46
38	Hierarchical Order of Distinct Autoantibody Spreading and Progression to Type 1 Diabetes in the TEDDY Study. <i>Diabetes Care</i> , 2020, 43, 2066-2073.	4.3	41
39	Contrasting the Genetic Background of Type 1 Diabetes and Celiac Disease Autoimmunity. <i>Diabetes Care</i> , 2015, 38, S37-S44.	4.3	39
40	Shared genetic susceptibility of vascular-related biomarkers with ischemic and recurrent stroke. <i>Neurology</i> , 2016, 86, 351-359.	1.5	33
41	A pan-cancer analysis of prognostic genes. <i>PeerJ</i> , 2015, 3, e1499.	0.9	32
42	Complement gene variants in relation to autoantibodies to beta cell specific antigens and type 1 diabetes in the TEDDY Study. <i>Scientific Reports</i> , 2016, 6, 27887.	1.6	31
43	Distinct Growth Phases in Early Life Associated With the Risk of Type 1 Diabetes: The TEDDY Study. <i>Diabetes Care</i> , 2020, 43, 556-562.	4.3	28
44	Genome-Wide Association Study Meta-Analysis of Stroke in 22 000 Individuals of African Descent Identifies Novel Associations With Stroke. <i>Stroke</i> , 2020, 51, 2454-2463.	1.0	26
45	Are Myocardial Infarction-associated Single-Nucleotide Polymorphisms Associated With Ischemic Stroke?. <i>Stroke</i> , 2012, 43, 980-986.	1.0	25
46	HLA-DPB1*04:01 Protects Genetically Susceptible Children from Celiac Disease Autoimmunity in the TEDDY Study. <i>American Journal of Gastroenterology</i> , 2015, 110, 915-920.	0.2	24
47	Genetic Associations with Plasma B12, B6, and Folate Levels in an Ischemic Stroke Population from the Vitamin Intervention for Stroke Prevention (VISP) Trial. <i>Frontiers in Public Health</i> , 2014, 2, 112.	1.3	23
48	GRECOS Project (Genotyping Recurrence Risk of Stroke). <i>Stroke</i> , 2017, 48, 1147-1153.	1.0	23
49	Genetic discovery and risk characterization in type 2 diabetes across diverse populations. <i>Human Genetics and Genomics Advances</i> , 2021, 2, 100029.	1.0	23
50	Genetic Drivers of von Willebrand Factor Levels in an Ischemic Stroke Population and Association With Risk for Recurrent Stroke. <i>Stroke</i> , 2017, 48, 1444-1450.	1.0	21
51	Novel Association Between Immune-Mediated Susceptibility Loci and Persistent Autoantibody Positivity in Type 1 Diabetes. <i>Diabetes</i> , 2015, 64, 3017-3027.	0.3	20
52	Can Non-HLA Single Nucleotide Polymorphisms Help Stratify Risk in TrialNet Relatives at Risk for Type 1 Diabetes?. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 2873-2880.	1.8	20
53	Significant linkage at chromosome 19q for otitis media with effusion and/or recurrent otitis media (COME/ROM). <i>BMC Medical Genetics</i> , 2011, 12, 124.	2.1	18
54	Discovery and fine-mapping of height loci via high-density imputation of GWASs in individuals of African ancestry. <i>American Journal of Human Genetics</i> , 2021, 108, 564-582.	2.6	18

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55	Genome-Wide Analysis of Blood Pressure Variability and Ischemic Stroke. <i>Stroke</i> , 2013, 44, 2703-2709.	1.0	17
56	Fine Mapping and Functional Studies of Risk Variants for Type 1 Diabetes at Chromosome 16p13.13. <i>Diabetes</i> , 2014, 63, 4360-4368.	0.3	17
57	Epigenome-Wide Analyses Identify Two Novel Associations With Recurrent Stroke in the Vitamin Intervention for Stroke Prevention Clinical Trial. <i>Frontiers in Genetics</i> , 2018, 9, 358.	1.1	12
58	Genetic landscape of Gullah African Americans. <i>American Journal of Physical Anthropology</i> , 2021, 175, 905-919.	2.1	9
59	Evaluation of Replication of Variants Associated with Genetic Risk of Otitis Media. <i>PLoS ONE</i> , 2014, 9, e104212.	1.1	8
60	Insulin resistance-associated genetic variants in type 1 diabetes. <i>Journal of Diabetes and Its Complications</i> , 2021, 35, 107842.	1.2	8
61	Heterogeneous long-term trajectories of glycaemic control in type 1 diabetes. <i>Diabetic Medicine</i> , 2021, 38, e14545.	1.2	6
62	Telomere length is not a main factor for the development of islet autoimmunity and type 1 diabetes in the TEDDY study. <i>Scientific Reports</i> , 2022, 12, 4516.	1.6	6
63	Novel genetic risk factors influence progression of islet autoimmunity to type 1 diabetes. <i>Scientific Reports</i> , 2020, 10, 19193.	1.6	5
64	DNA methylation analyses identify an intronic ZDHHC6 locus associated with time to recurrent stroke in the Vitamin Intervention for Stroke Prevention (VISP) clinical trial. <i>PLoS ONE</i> , 2021, 16, e0254562.	1.1	5
65	Multi-omic analysis of stroke recurrence in African Americans from the Vitamin Intervention for Stroke Prevention (VISP) clinical trial. <i>PLoS ONE</i> , 2021, 16, e0247257.	1.1	4
66	Dynamic changes in immune gene co-expression networks predict development of type 1 diabetes. <i>Scientific Reports</i> , 2021, 11, 22651.	1.6	3
67	Identifying Cryptic Relationships. <i>Methods in Molecular Biology</i> , 2017, 1666, 45-60.	0.4	2
68	Identifying variants that contribute to linkage for dichotomous and quantitative traits in extended pedigrees. <i>BMC Proceedings</i> , 2011, 5, S68.	1.8	1
69	HLA-DRB1*07:01 Is Associated With Asparaginase Allergies In Children With Acute Lymphoblastic Leukemia. <i>Blood</i> , 2013, 122, 60-60.	0.6	1
70	OP0190â€¦META-ANALYSIS OF IMMUNOCHIP DATA OF FOUR AUTOIMMUNE DISEASES REVEALS NOVEL SINGLE-DISEASE AND CROSS-PHENOTYPE ASSOCIATIONS. , 2019, , .		0