

Tien-Jyun Chang

List of Publications by Year in descending order

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41
papers

2,844
citations

361413

20
h-index

289244

40
g-index

43
all docs

43
docs citations

43
times ranked

6843
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. <i>Nature Genetics</i> , 2014, 46, 234-244.	21.4	959
2	Meta-analysis of genome-wide association studies identifies eight new loci for type 2 diabetes in east Asians. <i>Nature Genetics</i> , 2012, 44, 67-72.	21.4	545
3	Common Variation in the Fat Mass and Obesity-Associated (<i>FTO</i>) Gene Confers Risk of Obesity and Modulates BMI in the Chinese Population. <i>Diabetes</i> , 2008, 57, 2245-2252.	0.6	197
4	Association Study of the Genetic Polymorphisms of the Transcription Factor 7-Like 2 (TCF7L2) Gene and Type 2 Diabetes in the Chinese Population. <i>Diabetes</i> , 2007, 56, 2631-2637.	0.6	170
5	Vitamin D receptor gene polymorphisms influence susceptibility to type 1 diabetes mellitus in the Taiwanese population. <i>Clinical Endocrinology</i> , 2000, 52, 575-580.	2.4	137
6	Update in the epidemiology, risk factors, screening, and treatment of diabetic retinopathy. <i>Journal of Diabetes Investigation</i> , 2021, 12, 1322-1325.	2.4	137
7	The relationship of visfatin/pre-β-cell colony-enhancing factor/nicotinamide phosphoribosyltransferase in adipose tissue with inflammation, insulin resistance, and plasma lipids. <i>Metabolism: Clinical and Experimental</i> , 2010, 59, 93-99.	3.4	83
8	Serum Vascular Adhesion Protein-1 Predicts 10-Year Cardiovascular and Cancer Mortality in Individuals With Type 2 Diabetes. <i>Diabetes</i> , 2011, 60, 993-999.	0.6	53
9	Genetic Variants of <i>TCF7L2</i> Are Associated with Insulin Resistance and Related Metabolic Phenotypes in Taiwanese Adolescents and Caucasian Young Adults. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 3575-3582.	3.6	48
10	Validation of Type 2 Diabetes Risk Variants Identified by Genome-Wide Association Studies in Han Chinese Population: A Replication Study and Meta-Analysis. <i>PLoS ONE</i> , 2014, 9, e95045.	2.5	38
11	Application of deep learning image assessment software VeriSee [®] for diabetic retinopathy screening. <i>Journal of the Formosan Medical Association</i> , 2021, 120, 165-171.	1.7	36
12	Common <i>PCSK1</i> Haplotypes Are Associated With Obesity in the Chinese Population. <i>Obesity</i> , 2010, 18, 1404-1409.	3.0	34
13	Accountability, utilization and providers for diabetes management in Taiwan, 2000-2009: An analysis of the National Health Insurance database. <i>Journal of the Formosan Medical Association</i> , 2012, 111, 605-616.	1.7	33
14	Genetic variation of SORBS1 gene is associated with glucose homeostasis and age at onset of diabetes: A SAPHIRE Cohort Study. <i>Scientific Reports</i> , 2018, 8, 10574.	3.3	29
15	The Associations of <i>LPIN1</i> Gene Expression in Adipose Tissue With Metabolic Phenotypes in the Chinese Population. <i>Obesity</i> , 2010, 18, 7-12.	3.0	27
16	Safety and tolerability of empagliflozin in East Asian patients with type 2 diabetes: Pooled analysis of phase III clinical trials. <i>Journal of Diabetes Investigation</i> , 2019, 10, 418-428.	2.4	27
17	Glucagon-like peptide-1 prevents methylglyoxal-induced apoptosis of beta cells through improving mitochondrial function and suppressing prolonged AMPK activation. <i>Scientific Reports</i> , 2016, 6, 23403.	3.3	25
18	The Arg16Gly polymorphism of human β2-adrenoreceptor is associated with type 2 diabetes in Taiwanese people. <i>Clinical Endocrinology</i> , 2002, 57, 685-690.	2.4	24

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19	Serum Vascular Adhesion Protein-1 Predicts End-Stage Renal Disease in Patients with Type 2 Diabetes. PLoS ONE, 2016, 11, e0147981.	2.5	24
20	Genetic predisposition and nongenetic risk factors of thiazolidinedione-related edema in patients with type 2 diabetes. Pharmacogenetics and Genomics, 2011, 21, 829-836.	1.5	21
21	Genetic polymorphisms of PCSK2 are associated with glucose homeostasis and progression to type 2 diabetes in a Chinese population. Scientific Reports, 2015, 5, 14380.	3.3	21
22	Targeted expression of islet neogenesis associated protein to beta cells enhances glucose tolerance and confers resistance to streptozotocin-induced hyperglycemia. Molecular and Cellular Endocrinology, 2011, 335, 104-109.	3.2	17
23	Knockdown of RyR3 Enhances Adiponectin Expression Through an atf3-Dependent Pathway. Endocrinology, 2013, 154, 1117-1129.	2.8	16
24	SLC2A10 genetic polymorphism predicts development of peripheral arterial disease in patients with type 2 diabetes. SLC2A10 and PAD in type 2 diabetes. BMC Medical Genetics, 2010, 11, 126.	2.1	15
25	Plasma YKL-40 predicts 10-year cardiovascular and all-cause mortality in individuals with type 2 diabetes. Clinical Endocrinology, 2013, 79, 185-191.	2.4	14
26	Genome-wide scan for circulating vascular adhesion protein-1 levels: MACROD2 as a potential transcriptional regulator of adipogenesis. Journal of Diabetes Investigation, 2018, 9, 1067-1074.	2.4	13
27	Proteinuria predicts 10-year cancer-related mortality in patients with type 2 diabetes. Journal of Diabetes and Its Complications, 2013, 27, 201-207.	2.3	12
28	Genetic Variation in the Human SORBS1 Gene is Associated With Blood Pressure Regulation and Age at Onset of Hypertension. Medicine (United States), 2016, 95, e2970.	1.0	12
29	Genetic Variation in the NOC Gene Is Associated with Body Mass Index in Chinese Subjects. PLoS ONE, 2013, 8, e69622.	2.5	10
30	Expression of subcutaneous adipose tissue phosphoenolpyruvate carboxykinase correlates with body mass index in nondiabetic women. Metabolism: Clinical and Experimental, 2008, 57, 367-372.	3.4	9
31	Genetic Variations in the Kir6.2 Subunit (KCNJ11) of Pancreatic ATP-Sensitive Potassium Channel Gene Are Associated with Insulin Response to Glucose Loading and Early Onset of Type 2 Diabetes in Childhood and Adolescence in Taiwan. International Journal of Endocrinology, 2014, 2014, 1-7.	1.5	9
32	Serum Vascular Adhesion Protein-1 Level Predicts Risk of Incident Cancers in Subjects with Type II Diabetes. Cancer Epidemiology Biomarkers and Prevention, 2014, 23, 1366-1373.	2.5	8
33	Thyrotropin-secreting pituitary tumor presenting with congestive heart failure and good response to dopaminergic agonist cabergoline. Journal of the Formosan Medical Association, 2013, 112, 721-724.	1.7	7
34	Assessing the impact of diabetes on quality of life: validation of the Chinese version of the 19-item Audit of Diabetes-Dependent Quality of Life for Taiwan. International Journal for Quality in Health Care, 2017, 29, 335-342.	1.8	7
35	Serum Angiopoietin-like Protein 6, Risk of Type 2 Diabetes, and Response to Hyperglycemia: A Prospective Cohort Study. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e1949-e1957.	3.6	7
36	Hemoglobin glycation index predicts renal function deterioration in patients with type 2 diabetes and a low risk of chronic kidney disease. Diabetes Research and Clinical Practice, 2022, 186, 109834.	2.8	6

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37	Early Myocardial Repolarization Heterogeneity Is Detected by Magnetocardiography in Diabetic Patients with Cardiovascular Risk Factors. PLoS ONE, 2015, 10, e0133192.	2.5	5
38	Visit-to-visit variability in albuminuria predicts renal function deterioration in patients with type 2 diabetes. Journal of Diabetes Investigation, 2022, 13, 1021-1029.	2.4	4
39	Activation of Aldehyde Dehydrogenase 2 Ameliorates Glucolipotoxicity of Pancreatic Beta Cells. Biomolecules, 2021, 11, 1474.	4.0	3
40	Islets and Glucose Homeostasis. International Journal of Endocrinology, 2015, 2015, 1-2.	1.5	0
41	Decreased glomerular filtration rate and increased albuminuria for identification of cardiovascular autonomic neuropathy in subjects with and without diabetes. Autonomic Neuroscience: Basic and Clinical, 2021, 230, 102757.	2.8	0