

# Yi-Cheng Chang

## List of Publications by Year in descending order

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Version: 2024-02-01

105  
papers

5,561  
citations

117619

34  
h-index

88628

70  
g-index

116  
all docs

116  
docs citations

116  
times ranked

11551  
citing authors

#	ARTICLE	IF	CITATIONS
1	Visit-to-visit variability in albuminuria predicts renal function deterioration in patients with type 2 diabetes. <i>Journal of Diabetes Investigation</i> , 2022, 13, 1021-1029.	2.4	4
2	Rare coding variants in 35 genes associate with circulating lipid levels—A multi-ancestry analysis of 170,000 exomes. <i>American Journal of Human Genetics</i> , 2022, 109, 81-96.	6.2	24
3	Rare coding variants in RCN3 are associated with blood pressure. <i>BMC Genomics</i> , 2022, 23, 148.	2.8	2
4	Commentary to the article “Metabolic syndrome and the risk of preclinical heart failure: Insights after 17 years of follow-up from the STANISLAS Cohort”. <i>Cardiology</i> , 2022, , .	1.4	0
5	Hemoglobin glycation index predicts renal function deterioration in patients with type 2 diabetes and a low risk of chronic kidney disease. <i>Diabetes Research and Clinical Practice</i> , 2022, 186, 109834.	2.8	6
6	Association between Exosomal miRNAs and Coronary Artery Disease by Next-Generation Sequencing. <i>Cells</i> , 2022, 11, 98.	4.1	9
7	A genome-wide association study for melatonin secretion. <i>Scientific Reports</i> , 2022, 12, 8025.	3.3	1
8	Outcomes following diabetes admission in patients who had influenza vaccination: A population-based cohort study. <i>Diabetes Research and Clinical Practice</i> , 2022, 189, 109930.	2.8	5
9	The Effects of Bariatric Surgery on Renal, Neurological, and Ophthalmic Complications in Patients with Type 2 Diabetes: the Taiwan Diabesity Study. <i>Obesity Surgery</i> , 2021, 31, 117-126.	2.1	11
10	Fibroblast Growth Factor Receptor Inhibitors Reduce Adipogenesis of Orbital Fibroblasts and Enhance Myofibroblastic Differentiation in Graves™ Orbitopathy. <i>Ocular Immunology and Inflammation</i> , 2021, 29, 193-202.	1.8	3
11	A Novel ALDH2 Activator AD-9308 Improves Diastolic and Systolic Myocardial Functions in Streptozotocin-Induced Diabetic Mice. <i>Antioxidants</i> , 2021, 10, 450.	5.1	6
12	T helper 17 cells: A new actor on the stage of type 2 diabetes and aging?. <i>Journal of Diabetes Investigation</i> , 2021, 12, 909-913.	2.4	3
13	Identification of Novel Biomarkers for Pre-diabetic Diagnosis Using a Combinational Approach. <i>Frontiers in Endocrinology</i> , 2021, 12, 641336.	3.5	6
14	Chromosome Xq23 is associated with lower atherogenic lipid concentrations and favorable cardiometabolic indices. <i>Nature Communications</i> , 2021, 12, 2182.	12.8	17
15	Change of sleep disordered breathing severity in obese patients receiving Laparoscopic sleeve gastrectomy. <i>Sleep</i> , 2021, 44, A178-A179.	1.1	0
16	The trans-ancestral genomic architecture of glycemic traits. <i>Nature Genetics</i> , 2021, 53, 840-860.	21.4	341
17	Genome sequencing unveils a regulatory landscape of platelet reactivity. <i>Nature Communications</i> , 2021, 12, 3626.	12.8	29
18	Disruption of Cytosolic Folate Integrity Aggravates Resistance to Epidermal Growth Factor Receptor Tyrosine Kinase Inhibitors and Modulates Metastatic Properties in Non-Small-Cell Lung Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8838.	4.1	1

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19	Risk and outcomes of diabetes in patients with epilepsy. <i>Scientific Reports</i> , 2021, 11, 18888.	3.3	6
20	The Association Between Body Mass Index and the Risk of Hospitalization and Mortality due to Infection: A Prospective Cohort Study. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofaa545.	0.9	13
21	A high-resolution HLA reference panel capturing global population diversity enables multi-ancestry fine-mapping in HIV host response. <i>Nature Genetics</i> , 2021, 53, 1504-1516.	21.4	69
22	Executive summary of the DAROC clinical practice guidelines for diabetes care- 2018. <i>Journal of the Formosan Medical Association</i> , 2020, 119, 577-586.	1.7	38
23	The Causal Relationship of Circulating Triglyceride and Glycated Hemoglobin: A Mendelian Randomization Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 908-919.	3.6	10
24	Inherited causes of clonal haematopoiesis in 97,691 whole genomes. <i>Nature</i> , 2020, 586, 763-768.	27.8	376
25	Outcomes after surgery in patients with diabetes who used metformin: a retrospective cohort study based on a real-world database. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e001351.	2.8	6
26	Genome-wide association study for circulating fibroblast growth factor 21 and 23. <i>Scientific Reports</i> , 2020, 10, 14578.	3.3	11
27	Dynamic incorporation of multiple in silico functional annotations empowers rare variant association analysis of large whole-genome sequencing studies at scale. <i>Nature Genetics</i> , 2020, 52, 969-983.	21.4	146
28	Stratified risks of infection-related hospitalization in patients with chronic kidney disease - A prospective cohort study. <i>Scientific Reports</i> , 2020, 10, 4475.	3.3	7
29	&lt;p&gt;Evaluating Risk of Incident Diabetes Between Patients Who Used Lovastatin and Red Yeast Rice Prescriptions (LipoCol Forte): A Retrospective Cohort Study Based on a Real-World Database&lt;/p&gt;. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2020, Volume 13, 89-98.	2.4	7
30	Naa10p Inhibits Beige Adipocyte-Mediated Thermogenesis through N-Î±-acetylation of Pgc1Î±. <i>Molecular Cell</i> , 2019, 76, 500-515.e8.	9.7	27
31	0475 Prevalence And Clinical Features Of Undiagnosed Obesity Hypoventilation Syndrome In Patients Admitted To Intensive Critical Care Unit: A Prospective Study. <i>Sleep</i> , 2019, 42, A190-A191.	1.1	0
32	Adverse Outcomes after Major Surgeries in Patients with Diabetes: A Multicenter Matched Study. <i>Journal of Clinical Medicine</i> , 2019, 8, 100.	2.4	16
33	High TSH Level within Normal Range Is Associated with Obesity, Dyslipidemia, Hypertension, Inflammation, Hypercoagulability, and the Metabolic Syndrome: A Novel Cardiometabolic Marker. <i>Journal of Clinical Medicine</i> , 2019, 8, 817.	2.4	41
34	Sleep Duration and Proteinuria Progression: A Population-Based Cohort Study. <i>American Journal of Nephrology</i> , 2019, 49, 41-51.	3.1	3
35	Study design and recruitment for a prospective controlled study of diabetes: Taiwan Diabetes Study. <i>Asian Journal of Surgery</i> , 2019, 42, 244-250.	0.4	3
36	Subclinical and overt hypothyroidism is associated with reduced glomerular filtration rate and proteinuria: a large cross-sectional population study. <i>Scientific Reports</i> , 2018, 8, 2031.	3.3	31

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37	Genome-wide scan for circulating vascular adhesion protein levels: <i>MACROD2</i> as a potential transcriptional regulator of adipogenesis. <i>Journal of Diabetes Investigation</i> , 2018, 9, 1067-1074.	2.4	13
38	Association of Obesity, Diabetes, and Risk of Tuberculosis: Two Population-Based Cohorts. <i>Clinical Infectious Diseases</i> , 2018, 66, 699-705.	5.8	66
39	Pro-inflammatory cytokines IL-6 and CCL2 suppress expression of circadian gene <i>Period2</i> in mammary epithelial cells. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2018, 1861, 1007-1017.	1.9	10
40	Genetic variation of <i>SORBS1</i> 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
41	Mitochondrial DNA associations with East Asian metabolic syndrome. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2018, 1859, 878-892.	1.0	22
42	<i>IGF1</i> Gene Is Associated With Triglyceride Levels In Subjects With Family History Of Hypertension From The SAPHIRe And TWB Projects. <i>International Journal of Medical Sciences</i> , 2018, 15, 1035-1042.	2.5	3
43	Increased diabetes risk and interaction with social and medical events in patients upon stroke: Two nationwide studies. <i>Atherosclerosis</i> , 2017, 265, 87-92.	0.8	7
44	Diabetes risks and outcomes in chronic obstructive pulmonary disease patients: Two nationwide population-based retrospective cohort studies. <i>PLoS ONE</i> , 2017, 12, e0181815.	2.5	21
45	Early detection of diabetic kidney disease: Present limitations and future perspectives. <i>World Journal of Diabetes</i> , 2016, 7, 290.	3.5	48
46	Inhibition of Prostaglandin Reductase 2, a Putative Oncogene Overexpressed in Human Pancreatic Adenocarcinoma, Induces Oxidative Stress-Mediated Cell Death Involving <i>xCT</i> and <i>CTH</i> Gene Expressions through 15-Keto-PGE2. <i>PLoS ONE</i> , 2016, 11, e0147390.	2.5	21
47	Dipeptidyl Peptidase-4 Inhibitor Use Is Not Associated With Acute Pancreatitis in High-Risk Type 2 Diabetic Patients. <i>Medicine (United States)</i> , 2016, 95, e2603.	1.0	15
48	Reply to "Long-term use of acarbose and <i>CV</i> event: confusing finding from mega data bank". <i>Diabetic Medicine</i> , 2016, 33, 1750-1751.	2.3	0
49	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
50	Genome-wide linkage analysis and regional fine mapping identified variants in the <i>RYR3</i> gene as a novel quantitative trait locus for circulating adiponectin in Chinese population. <i>Medicine (United States)</i> , 2016, 95, e5174.	1.0	5
51	Effect of bariatric surgery on diabetic complications: the Taiwan diabetes study. <i>Diabetes Research and Clinical Practice</i> , 2016, 120, S183-S184.	2.8	0
52	Genetic Variation in the Human <i>SORBS1</i> Gene is Associated With Blood Pressure Regulation and Age at Onset of Hypertension. <i>Medicine (United States)</i> , 2016, 95, e2970.	1.0	12
53	No increased risk of hospitalization for heart failure for patients treated with dipeptidyl peptidase-4 inhibitors in Taiwan. <i>International Journal of Cardiology</i> , 2016, 220, 14-20.	1.7	17
54	Impact of Diabetes on Stroke Risk and Outcomes. <i>Medicine (United States)</i> , 2015, 94, e2282.	1.0	50

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55	Genetic polymorphisms of PCSK2 are associated with glucose homeostasis and progression to type 2 diabetes in a Chinese population. <i>Scientific Reports</i> , 2015, 5, 14380.	3.3	21
56	Cardiovascular risks associated with second-line oral antidiabetic agents added to metformin in patients with Type 2 diabetes: a nationwide cohort study. <i>Diabetic Medicine</i> , 2015, 32, 1460-1469.	2.3	30
57	The Role of Organelle Stresses in Diabetes Mellitus and Obesity: Implication for Treatment. <i>Analytical Cellular Pathology</i> , 2015, 2015, 1-14.	1.4	12
58	Anaemia and related nutrient deficiencies after Roux-en-Y gastric bypass surgery: a systematic review and meta-analysis. <i>BMJ Open</i> , 2015, 5, e006964.	1.9	119
59	Cardiovascular Risk Associated With Acarbose Versus Metformin as the First-Line Treatment in Patients With Type 2 Diabetes: A Nationwide Cohort Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 1121-1129.	3.6	37
60	Severe hepatic injury associated with different statins in patients with chronic liver disease: A nationwide population-based cohort study. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2015, 30, 155-162.	2.8	31
61	Early Myocardial Repolarization Heterogeneity Is Detected by Magnetocardiography in Diabetic Patients with Cardiovascular Risk Factors. <i>PLoS ONE</i> , 2015, 10, e0133192.	2.5	5
62	Recent progress in the genetics of diabetic microvascular complications. <i>World Journal of Diabetes</i> , 2015, 6, 715.	3.5	28
63	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
64	A meta-analysis of genome-wide association studies for adiponectin levels in East Asians identifies a novel locus near WDR11-FGFR2. <i>Human Molecular Genetics</i> , 2014, 23, 1108-1119.	2.9	68
65	Autocrine/paracrine mechanism of interleukin-17B receptor promotes breast tumorigenesis through NF- $\kappa$ B-mediated antiapoptotic pathway. <i>Oncogene</i> , 2014, 33, 2968-2977.	5.9	84
66	Increased Risk of Fracture and Postfracture Adverse Events in Patients With Diabetes: Two Nationwide Population-Based Retrospective Cohort Studies. <i>Diabetes Care</i> , 2014, 37, 2246-2252.	8.6	74
67	Different angiotensin receptor blockers and incidence of diabetes: a nationwide population-based cohort study. <i>Cardiovascular Diabetology</i> , 2014, 13, 91.	6.8	19
68	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
69	MTAP is an independent prognosis marker and the concordant loss of MTAP and p16 expression predicts short survival in non-small cell lung cancer patients. <i>European Journal of Surgical Oncology</i> , 2014, 40, 1143-1150.	1.0	40
70	Preoperative prediction of papillary thyroid carcinoma prognosis with the assistance of computerized morphometry of cytology samples obtained by fine-needle aspiration: Preliminary report. <i>Head and Neck</i> , 2013, 35, 28-34.	2.0	12
71	Knockdown of RyR3 Enhances Adiponectin Expression Through an atf3-Dependent Pathway. <i>Endocrinology</i> , 2013, 154, 1117-1129.	2.8	16
72	The Relationship between Thyrotropin Receptor Antibody Levels and Intrathyroid Vascularity in Patients with Graves' Disease. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2013, 121, 1-5.	1.2	25

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73	Prostaglandin reductase-3 negatively modulates adipogenesis through regulation of PPAR $\beta$ activity. <i>Journal of Lipid Research</i> , 2013, 54, 2391-2399.	4.2	18
74	Adverse Outcomes After Noncardiac Surgery in Patients With Diabetes. <i>Diabetes Care</i> , 2013, 36, 3216-3221.	8.6	63
75	Deficiency of <i>NPGP</i> , an oxidative stress sensor, leads to obesity in mice and human. <i>EMBO Molecular Medicine</i> , 2013, 5, 1165-1179.	6.9	65
76	Loss of corepressor PER2 under hypoxia up-regulates OCT1-mediated EMT gene expression and enhances tumor malignancy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 12331-12336.	7.1	124
77	Association of the variations in the HSD3 $\beta$ gene with primary aldosteronism. <i>Journal of Hypertension</i> , 2013, 31, 1396-1405.	0.5	8
78	Genetic Variation in the NOC Gene Is Associated with Body Mass Index in Chinese Subjects. <i>PLoS ONE</i> , 2013, 8, e69622.	2.5	10
79	Activation of Robo1 Signaling of Breast Cancer Cells by Slit2 from Stromal Fibroblast Restrains Tumorigenesis via Blocking PI3K/Akt/ $\beta$ -Catenin Pathway. <i>Cancer Research</i> , 2012, 72, 4652-4661.	0.9	127
80	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
81	Loss of the Oxidative Stress Sensor NPGPx Compromises GRP78 Chaperone Activity and Induces Systemic Disease. <i>Molecular Cell</i> , 2012, 48, 747-759.	9.7	120
82	Prostaglandin Reductase 2 Modulates ROS-Mediated Cell Death and Tumor Transformation of Gastric Cancer Cells and Is Associated with Higher Mortality in Gastric Cancer Patients. <i>American Journal of Pathology</i> , 2012, 181, 1316-1326.	3.8	15
83	Common ALDH2 genetic variants predict development of hypertension in the SAPHIRe prospective cohort: Gene-environmental interaction with alcohol consumption. <i>BMC Cardiovascular Disorders</i> , 2012, 12, 58.	1.7	39
84	The Role of Nocturnin in Early Adipogenesis and Modulation of Systemic Insulin Resistance in Human. <i>Obesity</i> , 2012, 20, 1558-1565.	3.0	17
85	Genetic variation in the carbonyl reductase 3 gene confers risk of type 2 diabetes and insulin resistance: a potential regulator of adipogenesis. <i>Journal of Molecular Medicine</i> , 2012, 90, 847-858.	3.9	8
86	Replication of genome-wide association signals of type 2 diabetes in Han Chinese in a prospective cohort. <i>Clinical Endocrinology</i> , 2012, 76, 365-372.	2.4	36
87	Association of genetic variation in FTO with risk of obesity and type 2 diabetes with data from 96,551 East and South Asians. <i>Diabetologia</i> , 2012, 55, 981-995.	6.3	171
88	Genetic predisposition and nongenetic risk factors of thiazolidinedione-related edema in patients with type 2 diabetes. <i>Pharmacogenetics and Genomics</i> , 2011, 21, 829-836.	1.5	21
89	TCF7L2 genetic variants and progression to diabetes in the Chinese population: pleiotropic effects on insulin secretion and insulin resistance. <i>Journal of Molecular Medicine</i> , 2010, 88, 183-192.	3.9	17
90	The relationship of visfatin/pre-B-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

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91	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
92	The Associations of <i>LPIN1</i> Gene Expression in Adipose Tissue With Metabolic Phenotypes in the Chinese Population. Obesity, 2010, 18, 7-12.	3.0	27
93	Common <i>PCSK1</i> Haplotypes Are Associated With Obesity in the Chinese Population. Obesity, 2010, 18, 1404-1409.	3.0	34
94	A Triglyceride-Raising <i>APOA5</i> Genetic Variant Is Negatively Associated With Obesity and BMI in the Chinese Population. Obesity, 2010, 18, 1964-1968.	3.0	6
95	Association of intraocular pressure with the metabolic syndrome and novel cardiometabolic risk factors. Eye, 2010, 24, 1037-1043.	2.1	45
96	Validation of Diabetes Risk Scores for Predicting Diabetes Diagnosed by Oral Glucose Tolerance Test. Diabetes Care, 2010, 33, e26-e26.	8.6	5
97	Anatomical Asymmetry in Goiter: A Demonstration by Three-dimensional Power Doppler Ultrasound. Journal of Medical Ultrasound, 2010, 18, 27-33.	0.4	0
98	The role of oxidative stress in the pathogenesis of type 2 diabetes: from molecular mechanism to clinical implication. American Journal of Translational Research (discontinued), 2010, 2, 316-31.	0.0	87
99	Genetic Variants of <i>TCF7L2</i> Are Associated with Insulin Resistance and Related Metabolic Phenotypes in Taiwanese Adolescents and Caucasian Young Adults. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 3575-3582.	3.6	48
100	Cross-Sectional Validation of Diabetes Risk Scores for Predicting Diabetes, Metabolic Syndrome, and Chronic Kidney Disease in Taiwanese. Diabetes Care, 2009, 32, 2294-2296.	8.6	55
101	Interaction of <i>ADIPOQ</i> Genetic Polymorphism With Blood Pressure and Plasma Cholesterol Level on the Risk of Coronary Artery Disease. Circulation Journal, 2009, 73, 1934-1938.	1.6	21
102	Genetic polymorphisms of the angiotensin II type 1 receptor gene and diastolic heart failure. Journal of Hypertension, 2009, 27, 502-507.	0.5	60
103	Common Variation in the Fat Mass and Obesity-Associated ( <i>FTO</i> ) Gene Confers Risk of Obesity and Modulates BMI in the Chinese Population. Diabetes, 2008, 57, 2245-2252.	0.6	197
104	Association Study of the Genetic Polymorphisms of the Transcription Factor 7-Like 2 ( <i>TCF7L2</i> ) Gene and Type 2 Diabetes in the Chinese Population. Diabetes, 2007, 56, 2631-2637.	0.6	170
105	Neuropsychiatric Disturbances and Hypopituitarism After Traumatic Brain Injury in an Elderly Man. Journal of the Formosan Medical Association, 2006, 105, 172-176.	1.7	12