

Yi-Jen Hung

List of Publications by Year in descending order

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Version: 2024-02-01

84
papers

5,627
citations

218677

26
h-index

95266

68
g-index

89
all docs

89
docs citations

89
times ranked

11313
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery and refinement of loci associated with lipid levels. <i>Nature Genetics</i> , 2013, 45, 1274-1283.	21.4	2,641
2	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021, 600, 675-679.	27.8	353
3	Identification of type 2 diabetes loci in 433,540 East Asian individuals. <i>Nature</i> , 2020, 582, 240-245.	27.8	282
4	Fifteen new risk loci for coronary artery disease highlight arterial-wall-specific mechanisms. <i>Nature Genetics</i> , 2017, 49, 1113-1119.	21.4	260
5	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.	21.4	250
6	Identification of new susceptibility loci for type 2 diabetes and shared etiological pathways with coronary heart disease. <i>Nature Genetics</i> , 2017, 49, 1450-1457.	21.4	218
7	A Large-Scale Multi-ancestry Genome-wide Study Accounting for Smoking Behavior Identifies Multiple Significant Loci for Blood Pressure. <i>American Journal of Human Genetics</i> , 2018, 102, 375-400.	6.2	123
8	Multi-ancestry genome-wide gene-smoking interaction study of 387,272 individuals identifies new loci associated with serum lipids. <i>Nature Genetics</i> , 2019, 51, 636-648.	21.4	112
9	Protein-coding variants implicate novel genes related to lipid homeostasis contributing to body-fat distribution. <i>Nature Genetics</i> , 2019, 51, 452-469.	21.4	89
10	Associations of autozygosity with a broad range of human phenotypes. <i>Nature Communications</i> , 2019, 10, 4957.	12.8	84
11	Insulin sensitivity, proinflammatory markers and adiponectin in young males with different subtypes of depressive disorder. <i>Clinical Endocrinology</i> , 2007, 67, 784-789.	2.4	70
12	Plasma Protein Growth Arrest-Specific 6 Levels Are Associated With Altered Glucose Tolerance, Inflammation, and Endothelial Dysfunction. <i>Diabetes Care</i> , 2010, 33, 1840-1844.	8.6	54
13	Combination COX-2 inhibitor and metformin attenuate rate of joint replacement in osteoarthritis with diabetes: A nationwide, retrospective, matched-cohort study in Taiwan. <i>PLoS ONE</i> , 2018, 13, e0191242.	2.5	47
14	Circulating Growth Arrest-Specific 6 Protein Is Associated With Adiposity, Systemic Inflammation, and Insulin Resistance Among Overweight and Obese Adolescents. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, E267-E274.	3.6	43
15	Effects of telephone-based motivational interviewing in lifestyle modification program on reducing metabolic risks in middle-aged and older women with metabolic syndrome: A randomized controlled trial. <i>International Journal of Nursing Studies</i> , 2016, 60, 12-23.	5.6	40
16	High glucose induces human endothelial dysfunction through an Axl-dependent mechanism. <i>Cardiovascular Diabetology</i> , 2014, 13, 53.	6.8	39
17	Homozygous <i>ALDH2*2</i> Is an Independent Risk Factor for Ischemic Stroke in Taiwanese Men. <i>Stroke</i> , 2016, 47, 2174-2179.	2.0	38
18	Soluble Form of Receptor for Advanced Glycation End Products Is Associated with Obesity and Metabolic Syndrome in Adolescents. <i>International Journal of Endocrinology</i> , 2014, 2014, 1-7.	1.5	37

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19	Perilla (<i>Perilla frutescens</i>) leaf extract inhibits SARS-CoV-2 via direct virus inactivation. <i>Biomedical Journal</i> , 2021, 44, 293-303.	3.1	36
20	Long-term effect of statins on the risk of new-onset osteoporosis: A nationwide population-based cohort study. <i>PLoS ONE</i> , 2018, 13, e0196713.	2.5	34
21	Cilostazol inhibits hyperglucose-induced vascular smooth muscle cell dysfunction by modulating the RAGE/ERK/NF- κ B signaling pathways. <i>Journal of Biomedical Science</i> , 2019, 26, 68.	7.0	32
22	Trans-ethnic fine-mapping of genetic loci for body mass index in the diverse ancestral populations of the Population Architecture using Genomics and Epidemiology (PAGE) Study reveals evidence for multiple signals at established loci. <i>Human Genetics</i> , 2017, 136, 771-800.	3.8	31
23	A multi-ancestry genome-wide study incorporating gene-smoking interactions identifies multiple new loci for pulse pressure and mean arterial pressure. <i>Human Molecular Genetics</i> , 2019, 28, 2615-2633.	2.9	31
24	Fine-mapping of lipid regions in global populations discovers ethnic-specific signals and refines previously identified lipid loci. <i>Human Molecular Genetics</i> , 2016, 25, 5500-5512.	2.9	29
25	The growth arrest-specific 6 (<i>Gas6</i>) gene polymorphism c.834+7G>A is associated with type 2 diabetes. <i>Diabetes Research and Clinical Practice</i> , 2012, 95, 201-206.	2.8	28
26	Urokinase plasminogen activator receptor and its soluble form in common biopsy-proven kidney diseases and in staging of diabetic nephropathy. <i>Clinical Biochemistry</i> , 2015, 48, 1324-1329.	1.9	28
27	Additional effect of metformin and celecoxib against lipid dysregulation and adipose tissue inflammation in high-fat fed rats with insulin resistance and fatty liver. <i>European Journal of Pharmacology</i> , 2016, 789, 60-67.	3.5	28
28	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
29	The Involvement of GAS6 Signaling in the Development of Obesity and Associated Inflammation. <i>International Journal of Endocrinology</i> , 2015, 2015, 1-7.	1.5	20
30	2018 consensus of the Taiwan Society of Cardiology and the Diabetes Association of Republic of China (Taiwan) on the pharmacological management of patients with type 2 diabetes and cardiovascular diseases. <i>Journal of the Chinese Medical Association</i> , 2018, 81, 189-222.	1.4	19
31	Estrogen modulates vascular smooth muscle cell function through downregulation of SIRT1. <i>Oncotarget</i> , 2017, 8, 110039-110051.	1.8	19
32	Effects of a 12-week moderate-intensity exercise training on blood glucose response in patients with type 2 diabetes. <i>Medicine (United States)</i> , 2019, 98, e16860.	1.0	18
33	A novel potential biomarker for metabolic syndrome in Chinese adults: Circulating protein disulfide isomerase family A, member 4. <i>PLoS ONE</i> , 2017, 12, e0179963.	2.5	18
34	Rosiglitazone improves insulin sensitivity and glucose tolerance in subjects with impaired glucose tolerance. <i>Clinical Endocrinology</i> , 2005, 62, 85-91.	2.4	17
35	Rosiglitazone improves insulin sensitivity in nonobese subjects with impaired glucose tolerance: the role of adiponectin and C-reactive protein. <i>Metabolism: Clinical and Experimental</i> , 2006, 55, 439-444.	3.4	17
36	The levels of plasma growth arrest-specific protein 6 is associated with insulin sensitivity and inflammation in women. <i>Diabetes Research and Clinical Practice</i> , 2014, 103, 304-309.	2.8	17

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37	Genetically Determined Plasma Lipid Levels and Risk of Diabetic Retinopathy: A Mendelian Randomization Study. <i>Diabetes</i> , 2017, 66, 3130-3141.	0.6	17
38	Chromosome Xq23 is associated with lower atherogenic lipid concentrations and favorable cardiometabolic indices. <i>Nature Communications</i> , 2021, 12, 2182.	12.8	17
39	Urine Annexin A1 as an Index for Glomerular Injury in Patients. <i>Disease Markers</i> , 2014, 2014, 1-12.	1.3	16
40	The differences of metabolic syndrome in elderly subgroups: A special focus on young-old, old-old and oldest old. <i>Archives of Gerontology and Geriatrics</i> , 2016, 65, 92-97.	3.0	16
41	Circulating Soluble IL-6 Receptor Concentration and Visceral Adipocyte Size Are Related to Insulin Resistance in Taiwanese Adults with Morbid Obesity. <i>Metabolic Syndrome and Related Disorders</i> , 2017, 15, 187-193.	1.3	15
42	Effects of a Technology-Assisted Integrated Diabetes Care Program on Cardiometabolic Risk Factors Among Patients With Type 2 Diabetes in the Asia-Pacific Region. <i>JAMA Network Open</i> , 2021, 4, e217557.	5.9	15
43	Whole genome sequence analyses of eGFR in 23,732 people representing multiple ancestries in the NHLBI trans-omics for precision medicine (TOPMed) consortium. <i>EBioMedicine</i> , 2021, 63, 103157.	6.1	14
44	Possible new therapeutic approach for obesity-related diseases: Role of adiponectin receptor agonists. <i>Journal of Diabetes Investigation</i> , 2015, 6, 264-266.	2.4	13
45	Glycemic control and adherence to basal insulin therapy in Taiwanese patients with type 2 diabetes mellitus. <i>Journal of Diabetes Investigation</i> , 2016, 7, 881-888.	2.4	13
46	Genome-wide scan for circulating vascular adhesion protein-1 levels: <i>MACROD2</i> as a potential transcriptional regulator of adipogenesis. <i>Journal of Diabetes Investigation</i> , 2018, 9, 1067-1074.	2.4	13
47	Serum E-selectin concentration is associated with risk of metabolic syndrome in females. <i>PLoS ONE</i> , 2019, 14, e0222815.	2.5	13
48	Postmarketing Surveillance of Acarbose Treatment in Taiwanese Patients with Type 2 Diabetes Mellitus. <i>Clinical Drug Investigation</i> , 2006, 26, 559-565.	2.2	12
49	Comparison of the Efficacy and Safety Profiles of Two Fixed-Dose Combinations of Antihypertensive Agents, Amlodipine/Benazepril Versus Valsartan/Hydrochlorothiazide, in Patients With Type 2 Diabetes Mellitus and Hypertension: A 16-Week, Multicenter, Randomized, Double-Blind, Noninferiority Study. <i>Clinical Therapeutics</i> , 2012, 34, 1735-1750.	2.5	12
50	Prevalence of diabetic macrovascular complications and related factors from 2005 to 2014 in Taiwan: A nationwide survey. <i>Journal of the Formosan Medical Association</i> , 2019, 118, S96-S102.	1.7	12
51	Chaperonin-Containing t-Complex Protein-1 Subunit $\beta 2$ as a Possible Biomarker for the Phase of Glomerular Hyperfiltration of Diabetic Nephropathy. <i>Disease Markers</i> , 2015, 2015, 1-7.	1.3	11
52	Basal insulin therapy: Unmet medical needs in Asia and the new insulin glargine in diabetes treatment. <i>Journal of Diabetes Investigation</i> , 2019, 10, 560-570.	2.4	11
53	Tumor Necrosis Factor-Alpha Exacerbates Viral Entry in SARS-CoV2-Infected iPSC-Derived Cardiomyocytes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9869.	4.1	11
54	Aggravation of Hypertriglyceridemia and Acute Pancreatitis in a Bipolar Patient Treated with Quetiapine. <i>Yonsei Medical Journal</i> , 2014, 55, 831.	2.2	10

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55	Metformin Attenuates Osteoporosis in Diabetic Patients with Carcinoma in Situ: A Nationwide, Retrospective, Matched-Cohort Study in Taiwan. <i>Journal of Clinical Medicine</i> , 2020, 9, 2839.	2.4	10
56	Expression of growth arrest-specific protein 6 and Axl molecules in the left internal mammary artery of patients undergoing coronary artery bypass grafting. <i>Journal of Clinical Pathology</i> , 2014, 67, 506-511.	2.0	9
57	Combination of COX-2 inhibitor and metformin attenuates rate of admission in patients with rheumatoid arthritis and diabetes in Taiwan. <i>Medicine (United States)</i> , 2019, 98, e17371.	1.0	9
58	Multi-omics analysis identifies CpGs near G6PC2 mediating the effects of genetic variants on fasting glucose. <i>Diabetologia</i> , 2021, 64, 1613-1625.	6.3	9
59	Nutrition counseling is associated with less sarcopenia in diabetes: A cross-sectional and retrospective cohort study. <i>Nutrition</i> , 2021, 91-92, 111269.	2.4	9
60	Development of Novel Dengue NS1 Multiplex Lateral Flow Immunoassay to Differentiate Serotypes in Serum of Acute Phase Patients and Infected Mosquitoes. <i>Frontiers in Immunology</i> , 2022, 13, 852452.	4.8	9
61	Effect of Common Genetic Variants of Growth Arrest-Specific 6 Gene on Insulin Resistance, Obesity and Type 2 Diabetes in an Asian Population. <i>PLoS ONE</i> , 2015, 10, e0135681.	2.5	8
62	Growth Arrest-Specific 6 Protein in Patients with Sjögren Syndrome: Determination of the Plasma Level and Expression in the Labial Salivary Gland. <i>PLoS ONE</i> , 2015, 10, e0139955.	2.5	8
63	Association Between a Glucokinase Regulator Genetic Variant and Metabolic Syndrome in Taiwanese Adolescents. <i>Genetic Testing and Molecular Biomarkers</i> , 2016, 20, 137-142.	0.7	8
64	Genome-wide copy number variation analysis identified deletions in SFMBT1 associated with fasting plasma glucose in a Han Chinese population. <i>BMC Genomics</i> , 2017, 18, 591.	2.8	8
65	Difference between observed and predicted glycated hemoglobin at baseline and treatment response to vildagliptin-based dual oral therapy in patients with type 2 diabetes. <i>Diabetes Research and Clinical Practice</i> , 2018, 138, 119-127.	2.8	8
66	Effect of GAS6 and AXL Gene Polymorphisms on Adiposity, Systemic Inflammation, and Insulin Resistance in Adolescents. <i>International Journal of Endocrinology</i> , 2014, 2014, 1-9.	1.5	7
67	Gender differences in plasma growth arrest-specific protein 6 levels in adult subjects. <i>Clinica Chimica Acta</i> , 2015, 441, 1-5.	1.1	6
68	Cilostazol inhibits uremic toxin-induced vascular smooth muscle cell dysfunction: role of Axl signaling. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 312, F398-F406.	2.7	6
69	The relationships between hematogram and metabolic syndrome in elderly subgroups: A Taiwan cohort study. <i>Archives of Gerontology and Geriatrics</i> , 2016, 63, 59-66.	3.0	5
70	Use and effectiveness of dapagliflozin in patients with type 2 diabetes mellitus: a multicenter retrospective study in Taiwan. <i>PeerJ</i> , 2020, 8, e9998.	2.0	5
71	Plasma growth arrest-specific protein 6 levels in premenopausal and postmenopausal women: the role of endogenous estrogen. <i>Endocrine</i> , 2014, 47, 923-929.	2.3	4
72	Targeting inflammation in type 2 diabetes by antibody-mediated Tyro β , Axl, Mer receptor activation. <i>Journal of Diabetes Investigation</i> , 2015, 6, 491-494.	2.4	4

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73	Predictive Value of Serum Gamma-glutamyltranspeptidase for Future Cardiometabolic Dysregulation in Adolescents- a 10-year longitudinal study. <i>Scientific Reports</i> , 2017, 7, 9636.	3.3	4
74	Outpatient Hypertension Control and Prescribing Habits for Hypertension in Taiwan. <i>Acta Cardiologica Sinica</i> , 2013, 29, 539-49.	0.2	4
75	Piperacillin-tazobactam induced bicytopenia in low cumulative treatment doses. <i>BMJ Case Reports</i> , 2019, 12, e232944.	0.5	3
76	Circulating protein disulfide isomerase family member 4 is associated with type 2 diabetes mellitus, insulin sensitivity, and obesity. <i>Acta Diabetologica</i> , 2022, 59, 1001-1009.	2.5	3
77	Relationship between metformin use and lactic acidosis in advanced chronic kidney disease: The REMIND-TMU study. <i>American Journal of the Medical Sciences</i> , 2022, 364, 575-582.	1.1	3
78	Influence of silk clothing therapy in patients with atopic dermatitis. <i>Dermatology Reports</i> , 2019, 11, 8176.	0.8	2
79	Growth arrest-specific 6 modulates adiponectin expression and insulin resistance in adipose tissue. <i>Journal of Diabetes Investigation</i> , 2021, 12, 485-492.	2.4	2
80	Rare coding variants in RCN3 are associated with blood pressure. <i>BMC Genomics</i> , 2022, 23, 148.	2.8	2
81	Assessment of Glomerular Filtration Rate Based on Alterations of Serum Brain-Derived Neurotrophic Factor in Type 2 Diabetic Subjects Treated with Amlodipine/Benazepril or Valsartan/Hydrochlorothiazide. <i>Disease Markers</i> , 2015, 2015, 1-8.	1.3	1
82	Plasma Growth Arrest-Specific 6 Protein and Genetic Variations in the <i>GAS6</i> Gene in Patients with Metabolic Syndrome. <i>Metabolic Syndrome and Related Disorders</i> , 2019, 17, 22-28.	1.3	1
83	Traditional Chinese medicine attenuates hospitalization and mortality risks in diabetic patients with carcinoma in situ in Taiwan. <i>Integrative Medicine Research</i> , 2022, 11, 100831.	1.8	1
84	Association between glucokinase regulator gene polymorphisms and serum uric acid levels in Taiwanese adolescents. <i>Scientific Reports</i> , 2022, 12, 5519.	3.3	1