

Shih-Yi Lin

List of Publications by Year in descending order

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Version: 2024-02-01

103
papers

5,011
citations

257450

24
h-index

110387

64
g-index

107
all docs

107
docs citations

107
times ranked

10776
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	The trans-ancestral genomic architecture of glycemic traits. <i>Nature Genetics</i> , 2021, 53, 840-860.	21.4	341
4	Odd Chain Fatty Acids; New Insights of the Relationship Between the Gut Microbiota, Dietary Intake, Biosynthesis and Glucose Intolerance. <i>Scientific Reports</i> , 2017, 7, 44845.	3.3	90
5	Protective effects of rutin on liver injury induced by biliary obstruction in rats. <i>Free Radical Biology and Medicine</i> , 2014, 73, 106-116.	2.9	67
6	Adipose proinflammatory cytokine expression through sympathetic system is associated with hyperglycemia and insulin resistance in a rat ischemic stroke model. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011, 300, E155-E163.	3.5	65
7	Beneficial effect of quercetin on cholestatic liver injury. <i>Journal of Nutritional Biochemistry</i> , 2014, 25, 1183-1195.	4.2	65
8	Beneficial effect of docosahexaenoic acid on cholestatic liver injury in rats. <i>Journal of Nutritional Biochemistry</i> , 2012, 23, 252-264.	4.2	61
9	Lower serum free thyroxine levels are associated with metabolic syndrome in a Chinese population. <i>Metabolism: Clinical and Experimental</i> , 2005, 54, 1524-1528.	3.4	56
10	Hepatoprotective activities of rosmarinic acid against extrahepatic cholestasis in rats. <i>Food and Chemical Toxicology</i> , 2017, 108, 214-223.	3.6	55
11	Quercetin protects against cerebral ischemia/reperfusion and oxygen glucose deprivation/reoxygenation neurotoxicity. <i>Journal of Nutritional Biochemistry</i> , 2020, 83, 108436.	4.2	55
12	Air pollutants and subsequent risk of chronic kidney disease and end-stage renal disease: A population-based cohort study. <i>Environmental Pollution</i> , 2020, 261, 114154.	7.5	54
13	Activation of ubiquitin-proteasome pathway is involved in skeletal muscle wasting in a rat model with biliary cirrhosis: potential role of TNF- α . <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005, 288, E493-E501.	3.5	51
14	Activation of Hepatic Inflammatory Pathways by Catecholamines Is Associated With Hepatic Insulin Resistance in Male Ischemic Stroke Rats. <i>Endocrinology</i> , 2014, 155, 1235-1246.	2.8	47
15	Aryl Hydrocarbon Receptor Deficiency Attenuates Oxidative Stress-Related Mesangial Cell Activation and Macrophage Infiltration and Extracellular Matrix Accumulation in Diabetic Nephropathy. <i>Antioxidants and Redox Signaling</i> , 2016, 24, 217-231.	5.4	37
16	Trajectories of fasting plasma glucose variability and mortality in type 2 diabetes. <i>Diabetes and Metabolism</i> , 2018, 44, 121-128.	2.9	36
17	p-Cresol Sulfate Caused Behavior Disorders and Neurodegeneration in Mice with Unilateral Nephrectomy Involving Oxidative Stress and Neuroinflammation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6687.	4.1	35
18	Glechoma hederacea extracts attenuate cholestatic liver injury in a bile duct-ligated rat model. <i>Journal of Ethnopharmacology</i> , 2017, 204, 58-66.	4.1	34

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19	Indoxyl sulfate caused behavioral abnormality and neurodegeneration in mice with unilateral nephrectomy. <i>Aging</i> , 2021, 13, 6681-6701.	3.1	31
20	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
21	Hyperglycemia is associated with enhanced gluconeogenesis in a rat model of permanent cerebral ischemia. <i>Molecular and Cellular Endocrinology</i> , 2013, 367, 50-56.	3.2	28
22	Association Between Serum Adipsin Levels and Insulin Resistance in Subjects With Various Degrees of Glucose Intolerance. <i>Journal of the Endocrine Society</i> , 2019, 3, 403-410.	0.2	28
23	Pay-for-performance for shared care of diabetes in Taiwan. <i>Journal of the Formosan Medical Association</i> , 2019, 118, S122-S129.	1.7	27
24	Therapeutic Effects of Exercise Training on Elderly Patients With Dementia: A Randomized Controlled Trial. <i>Archives of Physical Medicine and Rehabilitation</i> , 2020, 101, 762-769.	0.9	27
25	Interplay of inflammatory gene expression in pericytes following Japanese encephalitis virus infection. <i>Brain, Behavior, and Immunity</i> , 2017, 66, 230-243.	4.1	26
26	Effects of β_2 -Adrenergic Blockade on Metabolic and Inflammatory Responses in a Rat Model of Ischemic Stroke. <i>Cells</i> , 2020, 9, 1373.	4.1	25
27	Circulating adiponectin concentrations were related to free thyroxine levels in thyroid cancer patients after thyroid hormone withdrawal. <i>Metabolism: Clinical and Experimental</i> , 2010, 59, 195-199.	3.4	24
28	The effect of removing plugs and adding arch support to foam based insoles on plantar pressures in people with diabetic peripheral neuropathy. <i>Journal of Foot and Ankle Research</i> , 2013, 6, 29.	1.9	23
29	Treadmill exercise alleviated prenatal buprenorphine exposure-induced depression in rats. <i>Neurochemistry International</i> , 2017, 110, 91-100.	3.8	22
30	Effects of kidney function, serum albumin and hemoglobin on dementia severity in the oldest old people with newly diagnosed Alzheimer's disease in a residential aged care facility: a cross-sectional study. <i>BMC Geriatrics</i> , 2020, 20, 391.	2.7	22
31	TNF- α Receptor Inhibitor Alleviates Metabolic and Inflammatory Changes in a Rat Model of Ischemic Stroke. <i>Antioxidants</i> , 2021, 10, 851.	5.1	22
32	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
33	Stimulated resistin expression in white adipose of rats with bile duct ligation-induced liver cirrhosis: relationship to cirrhotic hyperinsulinemia and increased tumor necrosis factor-alpha. <i>Molecular and Cellular Endocrinology</i> , 2005, 232, 1-8.	3.2	18
34	Good glycaemic control is associated with a better prognosis in breast cancer patients with type 2 diabetes mellitus. <i>Clinical and Experimental Medicine</i> , 2018, 18, 383-390.	3.6	18
35	Reduced Health-Related Quality of Life in Body Constitutions of Yin-Xu, and Yang-Xu, Stasis in Patients with Type 2 Diabetes: Taichung Diabetic Body Constitution Study. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-10.	1.2	17
36	Endoplasmic reticulum stress and autophagy contributed to cadmium nephrotoxicity in HK-2 cells and Sprague-Dawley rats. <i>Food and Chemical Toxicology</i> , 2020, 146, 111828.	3.6	17

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37	Glycemic excursions are positively associated with changes in duration of asymptomatic hypoglycemia after treatment intensification in patients with type 2 diabetes. <i>Diabetes Research and Clinical Practice</i> , 2016, 113, 108-115.	2.8	15
38	NÎµ-carboxymethyllysine-mediated endoplasmic reticulum stress promotes endothelial cell injury through Nox4/MKP-3 interaction. <i>Free Radical Biology and Medicine</i> , 2014, 74, 294-306.	2.9	14
39	Physical frailty and long-term mortality in older people with chronic heart failure with preserved and reduced ejection fraction: a retrospective longitudinal study. <i>BMC Geriatrics</i> , 2021, 21, 92.	2.7	14
40	Yang Deficiency Body Constitution Acts as a Predictor of Diabetic Retinopathy in Patients with Type 2 Diabetes: Taichung Diabetic Body Constitution Study. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-8.	1.2	13
41	DHA attenuated Japanese Encephalitis virus infection-induced neuroinflammation and neuronal cell death in cultured rat Neuron/glia. <i>Brain, Behavior, and Immunity</i> , 2021, 93, 194-205.	4.1	13
42	Serum total bilirubin concentrations are inversely associated with total white blood cell counts in an adult population. <i>Annals of Clinical Biochemistry</i> , 2015, 52, 251-258.	1.6	12
43	Î²-Funaltrexamine Displayed Anti-Inflammatory and Neuroprotective Effects in Cells and Rat Model of Stroke. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3866.	4.1	12
44	Exosomal HMGB1 Promoted Cancer Malignancy. <i>Cancers</i> , 2021, 13, 877.	3.7	12
45	Association between Albuminuria and Different Body Constitution in Type 2 Diabetes Patients: Taichung Diabetic Body Constitution Study. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-8.	1.2	11
46	The synergistic effect of vascular cell adhesion molecule-1 and coronary artery disease on brain-derived neurotrophic factor. <i>Clinica Chimica Acta</i> , 2017, 466, 194-200.	1.1	11
47	Delaying cognitive and physical decline through multidomain interventions for residents with mild-to-moderate dementia in dementia care units in Taiwan: A prospective cohort study. <i>Geriatrics and Gerontology International</i> , 2017, 17, 36-43.	1.5	11
48	Effect of an increased dosage of statins on spinal degenerative joint disease: a retrospective cohort study. <i>BMJ Open</i> , 2018, 8, e017442.	1.9	11
49	Trends in antidiabetic medical treatment from 2005 to 2014 in Taiwan. <i>Journal of the Formosan Medical Association</i> , 2019, 118, S74-S82.	1.7	11
50	Correlation between reduction of superior interventricular groove epicardial fat thickness and improvement of insulin resistance after weight loss in obese men. <i>Diabetology and Metabolic Syndrome</i> , 2014, 6, 115.	2.7	10
51	Inpatient screening for albuminuria and retinopathy to predict long-term mortality in type 2 diabetic patients: a retrospective cohort study. <i>Diabetology and Metabolic Syndrome</i> , 2017, 9, 29.	2.7	10
52	Age and sex differences in the relationship between neutrophil-to-lymphocyte ratio and chronic kidney disease among an adult population in Taiwan. <i>Clinica Chimica Acta</i> , 2018, 486, 98-103.	1.1	10
53	Ischemic preconditioning improved renal ischemia/reperfusion injury and hyperglycemia. <i>IUBMB Life</i> , 2019, 71, 321-329.	3.4	10
54	Health-Related Quality of Life Measured by EQ-5D in Relation to Hospital Stay and Readmission in Elderly Patients Hospitalized for Acute Illness. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5333.	2.6	10

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55	Impacts of Heart Failure and Physical Performance on Long-Term Mortality in Old Patients With Chronic Kidney Disease. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 680098.	2.4	10
56	Hemoglobin glycation index as a useful predictor of therapeutic responses to dipeptidyl peptidase-4 inhibitors in patients with type 2 diabetes. <i>PLoS ONE</i> , 2017, 12, e0171753.	2.5	10
57	Post-meal β -cell function predicts the efficacy of glycemic control in patients with type 2 diabetes inadequately controlled by metformin monotherapy after addition of glibenclamide or acarbose. <i>Diabetology and Metabolic Syndrome</i> , 2014, 6, 68.	2.7	9
58	Reconfirmation of newly discovered risk factors of diabetic peripheral neuropathy in patients with type 2 diabetes: A case-control study. <i>PLoS ONE</i> , 2019, 14, e0220175.	2.5	9
59	Interleukin-4 Improves Metabolic Abnormalities in Leptin-Deficient and High-Fat Diet Mice. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4451.	4.1	9
60	Improved outcomes and reduced medical costs through multidisciplinary co-management protocol for geriatric proximal femur fractures: a one-year retrospective study. <i>BMC Geriatrics</i> , 2022, 22, 318.	2.7	9
61	Relationship between percentage of mean arterial pressure at the ankle and mortality in participants with normal ankle-brachial index: an observational study. <i>BMJ Open</i> , 2016, 6, e010540.	1.9	8
62	Predictors of Mortality in the Oldest Old Patients with Newly Diagnosed Alzheimer Disease in a Residential Aged Care Facility. <i>Dementia and Geriatric Cognitive Disorders</i> , 2019, 48, 93-104.	1.5	8
63	Impact of day care services on physical and cognitive functions in old people with dementia in a medical center in central Taiwan. <i>Health and Quality of Life Outcomes</i> , 2021, 19, 170.	2.4	8
64	The impact of heavy alcohol consumption on cognitive impairment in young old and middle old persons. <i>Journal of Translational Medicine</i> , 2022, 20, 155.	4.4	8
65	Effects of statins on all-cause mortality at different low-density-lipoprotein cholesterol levels in Asian patients with type 2 diabetes. <i>Current Medical Research and Opinion</i> , 2018, 34, 1885-1892.	1.9	7
66	Olanzapine Induced Dysmetabolic Changes Involving Tissue Chromium Mobilization in Female Rats. <i>International Journal of Molecular Sciences</i> , 2019, 20, 640.	4.1	7
67	Aspirin Mitigated Tumor Growth in Obese Mice Involving Metabolic Inhibition. <i>Cells</i> , 2020, 9, 569.	4.1	7
68	<p>The Relationship Between Abdominal Body Composition and Metabolic Syndrome After a Weight Reduction Program in Adult Men with Obesity</p>. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2020, Volume 13, 1-8.	2.4	7
69	Physical activity and albuminuria were associated with painful diabetic polyneuropathy in type 2 diabetes in an ethnic Chinese population. <i>Clinica Chimica Acta</i> , 2016, 462, 55-59.	1.1	6
70	The association between brain-derived neurotrophic factor and central pulse pressure after an oral glucose tolerance test. <i>Clinica Chimica Acta</i> , 2018, 476, 1-8.	1.1	6
71	Higher serum total bilirubin concentration is associated with lower risk of renal insufficiency in an adult population. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 19212-22.	1.3	6
72	Jak2 Inhibitor AG490 Improved Poststroke Central and Peripheral Inflammation and Metabolic Abnormalities in a Rat Model of Ischemic Stroke. <i>Antioxidants</i> , 2021, 10, 1958.	5.1	6

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73	Hospitalization and associated factors in people with Alzheimer's disease residing in a long-term care facility in southern Taiwan. <i>Geriatrics and Gerontology International</i> , 2017, 17, 50-56.	1.5	5
74	Associations of fibroblast growth factor 21 with cardiovascular risk and β -cell function in patients who had no history of diabetes. <i>Clinica Chimica Acta</i> , 2017, 472, 80-85.	1.1	5
75	Risk of Urticaria in Children with Type 1 Diabetes Mellitus: A Nationwide Cohort Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 176.	2.6	5
76	Sex differences in long-term cardiovascular outcomes among patients with acute myocardial infarction: A population-based retrospective cohort study. <i>International Journal of Clinical Practice</i> , 2021, 75, e14066.	1.7	5
77	Kidney Function and Risk of Physical and Cognitive Impairment in Older Persons with Type 2 Diabetes at an Outpatient Clinic with Geriatric Assessment Implementation. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2022, Volume 15, 79-91.	2.4	5
78	Respiratory Muscle Training Can Improve Cognition, Lung Function, and Diaphragmatic Thickness Fraction in Male and Non-Obese Patients with Chronic Obstructive Pulmonary Disease: A Prospective Study. <i>Journal of Personalized Medicine</i> , 2022, 12, 475.	2.5	5
79	Combined Functional Assessment for Predicting Clinical Outcomes in Stroke Patients After Post-acute Care: A Retrospective Multi-Center Cohort in Central Taiwan. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	3.4	5
80	Factors associated with fibroblast growth factor 19 increment after oral glucose loading in patients who were previously admitted for coronary angiography. <i>Clinica Chimica Acta</i> , 2015, 450, 237-242.	1.1	4
81	Levels of serum high mobility group box 1 were independently associated with cardiovascular risk in patients undergoing coronary angiography. <i>Clinica Chimica Acta</i> , 2018, 483, 130-134.	1.1	4
82	Negative association between serum aryl hydrocarbon receptor concentrations and β -cell function in patients with no history of diabetes undergoing coronary angiography. <i>Journal of Diabetes</i> , 2018, 10, 958-964.	1.8	4
83	Two-hour post-challenge hyperglycemia, but not fasting plasma glucose, associated with severity of coronary artery disease in patients with angina. <i>PLoS ONE</i> , 2018, 13, e0202280.	2.5	4
84	Leptin protects brain from ischemia/reperfusion-induced infarction by stabilizing the blood-brain barrier to block brain infiltration by the blood-borne neutrophils. <i>European Journal of Neuroscience</i> , 2020, 52, 4890-4907.	2.6	4
85	The dawn phenomenon in type 2 diabetes: its association with glucose excursions and changes after oral glucose-lowering drugs. <i>Therapeutic Advances in Chronic Disease</i> , 2021, 12, 204062232110336.	2.5	4
86	Comprehensive Geriatric Assessment and Clinical Outcomes in the Older People at the Emergency Department. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6164.	2.6	4
87	Characteristics and Outcome Determinants of Hospitalized Older Patients with Cognitive Dysfunction. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 584.	2.6	4
88	18 β -Glycyrrhetic Acid Protects against Cholestatic Liver Injury in Bile Duct-Ligated Rats. <i>Antioxidants</i> , 2022, 11, 961.	5.1	4
89	Glycemic excursions are positively associated with HbA1c reduction from baseline after treatment with acarbose in patients with type 2 diabetes on metformin monotherapy. <i>Journal of Diabetes</i> , 2017, 9, 248-255.	1.8	3
90	Testing for HbA1c, in addition to the oral glucose tolerance test, in screening for abnormal glucose regulation helps to reveal patients with early β -cell function impairment. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018, 56, 1345-1352.	2.3	3

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91	Metformin as a potential protective therapy against tuberculosis in patients with diabetes mellitus: A retrospective cohort study in a single teaching hospital. <i>Journal of Diabetes Investigation</i> , 2021, 12, 1603-1609.	2.4	3
92	Comparison of the Therapeutic Effects Between Isokinetic and Isotonic Strength Training in Patients After Total Knee Replacement: A Prospective, Randomized Controlled Trial. <i>Orthopaedic Journal of Sports Medicine</i> , 2022, 10, 232596712211058.	1.7	3
93	Statin treatment is associated with a negative correlation between NT-proBNP and insulin resistance in patients without history of heart failure. <i>Clinica Chimica Acta</i> , 2016, 459, 84-88.	1.1	2
94	Postchallenge glucose increment was associated with hemoglobin glycation index in subjects with no history of diabetes. <i>Journal of Investigative Medicine</i> , 2021, 69, 1044-1049.	1.6	2
95	Diagnosis of thyroid metastasis in cancer patients with thyroid mass by fine needle aspiration cytology and ultrasonography. <i>Zhonghua Yi Xue Za Zhi = Chinese Medical Journal; Free China Ed</i> , 2002, 65, 101-5.	0.0	2
96	Insulinoma in a Young Female Patient With Systemic Lupus Erythematosus: A Case Report. <i>Endocrine Practice</i> , 2014, 20, e256-e259.	2.1	1
97	Susceptibility of naïve and differentiated PC12 cells to Japanese encephalitis virus infection. <i>IUBMB Life</i> , 2017, 69, 79-87.	3.4	1
98	Increased risk of stroke in patients with diffuse idiopathic skeletal hyperostosis: a nationwide population-based cohort study. <i>Scientific Reports</i> , 2021, 11, 21349.	3.3	1
99	Subtypes of Premorbid Metabolic Syndrome and Associated Clinical Outcomes in Older Adults. <i>Frontiers in Medicine</i> , 2021, 8, 698728.	2.6	1
100	Association of MMP-9 to TIMP-1 ratio with long-term body weight and waist circumference after dietary weight reduction in men with metabolic syndrome. <i>Clinica Chimica Acta</i> , 2016, 452, 182-184.	1.1	0
101	Downregulation of nuclear and cytoplasmic Chibby is associated with advanced cervical cancer. <i>Oncology Letters</i> , 2017, 14, 6632-6644.	1.8	0
102	Propofol Improved Glucose Tolerance Associated with Increased FGF-21 and GLP-1 Production in Male Sprague-Dawley Rats. <i>Molecules</i> , 2020, 25, 3229.	3.8	0
103	Prediction of Mortality in Older Hospitalized Patients after Discharge as Determined by Comprehensive Geriatric Assessment. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 7768.	2.6	0