Wen-Jane Lee

List of Publications by Year
in descending order

		236925	161849
74 papers	3,387 citations	25 h-index	54 g-index
78 all docs	78 docs citations	78 times ranked	8355 citing authors

#	Article	IF	Citations
1	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. Nature Genetics, 2016, 48, 1171-1184.	21.4	362
2	Impact of common genetic determinants of Hemoglobin A1c on type 2 diabetes risk and diagnosis in ancestrally diverse populations: A transethnic genome-wide meta-analysis. PLoS Medicine, 2017, 14, e1002383.	8.4	341
3	Fifteen new risk loci for coronary artery disease highlight arterial-wall-specific mechanisms. Nature Genetics, 2017, 49, 1113-1119.	21.4	260
4	Meta-analysis identifies common and rare variants influencing blood pressure and overlapping with metabolic trait loci. Nature Genetics, 2016, 48, 1162-1170.	21.4	223
5	Identification of new susceptibility loci for type 2 diabetes and shared etiological pathways with coronary heart disease. Nature Genetics, 2017, 49, 1450-1457.	21.4	218
6	Meta-analysis of genome-wide association studies in East Asian-ancestry populations identifies four new loci for body mass index. Human Molecular Genetics, 2014, 23, 5492-5504.	2.9	192
7	Low-frequency and rare exome chip variants associate with fasting glucose and type 2 diabetes susceptibility. Nature Communications, 2015, 6, 5897.	12.8	173
8	Ellagic acid inhibits oxidized LDL-mediated LOX-1 expression, ROS generation, and inflammation in human endothelial cells. Journal of Vascular Surgery, 2010, 52, 1290-1300.	1.1	136
9	Association analyses of East Asian individuals and trans-ancestry analyses with European individuals reveal new loci associated with cholesterol and triglyceride levels. Human Molecular Genetics, 2017, 26, 1770-1784.	2.9	135
10	A Large-Scale Multi-ancestry Genome-wide Study Accounting for Smoking Behavior Identifies Multiple Significant Loci for Blood Pressure. American Journal of Human Genetics, 2018, 102, 375-400.	6.2	123
11	Associations of Mitochondrial and Nuclear Mitochondrial Variants and Genes with Seven Metabolic Traits. American Journal of Human Genetics, 2019, 104, 112-138.	6.2	106
12	Genetic inactivation of ANGPTL4 improves glucose homeostasis and is associated with reduced risk of diabetes. Nature Communications, 2018, 9, 2252.	12.8	99
13	Discovery of rare variants associated with blood pressure regulation through meta-analysis of 1.3 million individuals. Nature Genetics, 2020, 52, 1314-1332.	21.4	91
14	Protein-coding variants implicate novel genes related to lipid homeostasis contributing to body-fat distribution. Nature Genetics, 2019, 51, 452-469.	21.4	89
15	Associations of autozygosity with a broad range of human phenotypes. Nature Communications, 2019, 10, 4957.	12.8	84
16	Honokiol confers immunogenicity by dictating calreticulin exposure, activating ER stress and inhibiting epithelial-to-mesenchymal transition. Molecular Oncology, 2015, 9, 834-849.	4.6	51
17	Sesamin Mitigates Inflammation and Oxidative Stress in Endothelial Cells Exposed to Oxidized Low-Density Lipoprotein. Journal of Agricultural and Food Chemistry, 2009, 57, 11406-11417.	5.2	37
18	Aryl Hydrocarbon Receptor Deficiency Attenuates Oxidative Stress-Related Mesangial Cell Activation and Macrophage Infiltration and Extracellular Matrix Accumulation in Diabetic Nephropathy. Antioxidants and Redox Signaling, 2016, 24, 217-231.	5.4	37

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19	Genetics of Coronary Artery Disease in Taiwan: A Cardiometabochip Study by the Taichi Consortium. PLoS ONE, 2016, 11, e0138014.	2.5	33
20	The novel Aryl hydrocarbon receptor inhibitor biseugenol inhibits gastric tumor growth and peritoneal dissemination. Oncotarget, 2014, 5, 7788-7804.	1.8	32
21	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. Human Genetics, 2017, 136, 771-800.	3.8	31
22	A multi-ancestry genome-wide study incorporating gene–smoking interactions identifies multiple new loci for pulse pressure and mean arterial pressure. Human Molecular Genetics, 2019, 28, 2615-2633.	2.9	31
23	Coronary severity score and C-reactive protein predict major adverse cardiovascular events in patients with stable coronary artery disease (from the Taichung CAD study). Clinica Chimica Acta, 2015, 445, 93-100.	1.1	29
24	Fine-mapping of lipid regions in global populations discovers ethnic-specific signals and refines previously identified lipid loci. Human Molecular Genetics, 2016, 25, 5500-5512.	2.9	29
25	Urinary Proteomics for the Early Diagnosis of Diabetic Nephropathy in Taiwanese Patients. Journal of Clinical Medicine, 2018, 7, 483.	2.4	28
26	Association Between Serum Adipsin Levels and Insulin Resistance in Subjects With Various Degrees of Glucose Intolerance. Journal of the Endocrine Society, 2019, 3, 403-410.	0.2	28
27	Tpl2 Inhibitors Thwart Endothelial Cell Function in Angiogenesis and Peritoneal Dissemination. Neoplasia, 2013, 15, 1036-IN4.	5.3	27
28	TPL2 (Therapeutic Targeting Tumor Progression Locus-2)/ATF4 (Activating Transcription Factor-4)/SDF1α (Chemokine Stromal Cell-Derived Factor-α) Axis Suppresses Diabetic Retinopathy. Circulation Research, 2017, 121, e37-e52.	4.5	26
29	Modulation of microRNA Expression in Subjects with Metabolic Syndrome and Decrease of Cholesterol Efflux from Macrophages via microRNA-33-Mediated Attenuation of ATP-Binding Cassette Transporter A1 Expression by Statins. PLoS ONE, 2016, 11, e0154672.	2.5	24
30	Circulating CD40 ligand is elevated only in patients with more advanced symptomatic peripheral arterial diseases. Thrombosis Research, 2006, 118, 619-626.	1.7	22
31	Genetically Determined Plasma Lipid Levels and Risk of Diabetic Retinopathy: A Mendelian Randomization Study. Diabetes, 2017, 66, 3130-3141.	0.6	17
32	Pharmacogenetics of dipeptidyl peptidase 4 inhibitors in a Taiwanese population with type 2 diabetes. Oncotarget, 2017, 8, 18050-18058.	1.8	17
33	Genetic analysis of the glucose–6–phosphatase mutation of type la glycogen storage disease in a Chinese family. Clinical Genetics, 1996, 50, 206-211.	2.0	16
34	Glycemic excursions are positively associated with changes in duration of asymptomatic hypoglycemia after treatment intensification in patients with type 2 diabetes. Diabetes Research and Clinical Practice, 2016, 113, 108-115.	2.8	15
35	Nε-carboxymethyllysine-mediated endoplasmic reticulum stress promotes endothelial cell injury through Nox4/MKP-3 interaction. Free Radical Biology and Medicine, 2014, 74, 294-306.	2.9	14
36	CRP-level-associated polymorphism rs1205 within the CRP gene is associated with 2-hour glucose level: The SAPPHIRe study. Scientific Reports, 2017, 7, 7987.	3.3	13

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37	Synergistic effect of renalase and chronic kidney disease on endothelin-1 in patients with coronary artery disease â€' a cross-sectional study. Scientific Reports, 2018, 8, 7378.	3.3	12
38	The synergistic effect of vascular cell adhesion molecule-1 and coronary artery disease on brain-derived neurotrophic factor. Clinica Chimica Acta, 2017, 466, 194-200.	1.1	11
39	Correlation between reduction of superior interventricular groove epicardial fat thickness and improvement of insulin resistance after weight loss in obese men. Diabetology and Metabolic Syndrome, 2014, 6, 115.	2.7	10
40	Inpatient screening for albuminuria and retinopathy to predict long-term mortality in type 2 diabetic patients: a retrospective cohort study. Diabetology and Metabolic Syndrome, 2017, 9, 29.	2.7	10
41	Early Improvements in insulin sensitivity and inflammatory markers are induced by pravastatin in nondiabetic subjects with hypercholesterolemia. Clinica Chimica Acta, 2008, 390, 49-55.	1.1	9
42	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. Diabetology and Metabolic Syndrome, 2014, 6, 68.	2.7	9
43	Circulating adipokines and insulin resistance in subjects with combined cardiac and metabolic syndrome X. Diabetology and Metabolic Syndrome, 2015, 7, 83.	2.7	8
44	Effect of Common Genetic Variants of Growth Arrest-Specific 6 Gene on Insulin Resistance, Obesity and Type 2 Diabetes in an Asian Population. PLoS ONE, 2015, 10, e0135681.	2.5	8
45	Genome-wide copy number variation analysis identified deletions in SFMBT1 associated with fasting plasma glucose in a Han Chinese population. BMC Genomics, 2017, 18, 591.	2.8	8
46	The Chromosome 9p21 Variant Not Predicting Long-Term Cardiovascular Mortality in Chinese with Established Coronary Artery Disease: An Eleven-Year Follow-Up Study. BioMed Research International, 2014, 2014, 1-8.	1.9	7
47	Differential expression of circulating vascular cell adhesion molecule-1 in subjects with coronary artery disease and cardiac syndrome X without known diabetes mellitus. Biomarkers, 2017, 22, 798-804.	1.9	7
48	The Relationship Between Abdominal Body Composition and Metabolic Syndrome After a Weight Reduction Program in Adult Men with Obesity . Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2020, Volume 13, 1-8.	2.4	7
49	Subjects with coronary artery disease and reduced ejection fraction have longer (GT)n repeats in the heme-oxygenase 1 gene promoter. Heart and Vessels, 2021, 36, 615-620.	1.2	7
50	PRENATAL DIAGNOSIS IN A CHINESE FAMILY WITH TYPE Ia GLYCOGEN STORAGE DISEASE BY PCR-BASED GENETIC ANALYSIS. , 1996, 16, 1027-1031.		6
51	Post-challenge insulin concentration is useful for differentiating between coronary artery disease and cardiac syndrome X in subjects without known diabetes mellitus. Diabetology and Metabolic Syndrome, 2017, 9, 10.	2.7	6
52	The association between brain-derived neurotrophic factor and central pulse pressure after an oral glucose tolerance test. Clinica Chimica Acta, 2018, 476, 1-8.	1.1	6
53	Differential regulation of protein expression in response to polyunsaturated fatty acids in the liver of apoE-knockout mice and in HepG2 cells. Journal of Biomedical Science, 2015, 22, 12.	7.0	5
54	Associations of fibroblast growth factor 21 with cardiovascular risk and β-cell function in patients who had no history of diabetes. Clinica Chimica Acta, 2017, 472, 80-85.	1.1	5

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55	Factors associated with fibroblast growth factor 19 increment after oral glucose loading in patients who were previously admitted for coronary angiography. Clinica Chimica Acta, 2015, 450, 237-242.	1.1	4
56	Levels of serum high mobility group box 1 were independently associated with cardiovascular risk in patients undergoing coronary angiography. Clinica Chimica Acta, 2018, 483, 130-134.	1.1	4
57	Negative association between serum aryl hydrocarbon receptor concentrations and β‐cell function in patients with no history of diabetes undergoing coronary angiography. Journal of Diabetes, 2018, 10, 958-964.	1.8	4
58	Serum brain-derived neurotrophic factor predicting reduction in pulse pressure after a one-hour rest in nurses working night shifts. Scientific Reports, 2018, 8, 5485.	3.3	4
59	Two-hour post-challenge hyperglycemia, but not fasting plasma glucose, associated with severity of coronary artery disease in patients with angina. PLoS ONE, 2018, 13, e0202280.	2.5	4
60	The dawn phenomenon in type 2 diabetes: its association with glucose excursions and changes after oral glucose-lowering drugs. Therapeutic Advances in Chronic Disease, 2021, 12, 204062232110336.	2.5	4
61	Familial Hypercholesterolemia Genetic Variations and Long-Term Cardiovascular Outcomes in Patients with Hypercholesterolemia Who Underwent Coronary Angiography. Genes, 2021, 12, 1413.	2.4	4
62	Glycemic excursions are positively associated with HbA1c reduction from baseline after treatment with acarbose in patients with type 2 diabetes on metformin monotherapy. Journal of Diabetes, 2017, 9, 248-255.	1.8	3
63	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. Clinical Chemistry and Laboratory Medicine, 2018, 56, 1345-1352.	2.3	3
64	Regaining body weight after weight reduction further increases pulse wave velocity in obese men with metabolic syndrome. Medicine (United States), 2018, 97, e12730.	1.0	3
65	Subjects with microvascular angina have longer GT repeats polymorphism in the haem oxygenase-1 gene promoter. Biomarkers, 2020, 25, 144-148.	1.9	3
66	Shorter (GT)n repeats in the haem-oxygenase 1 gene promoter are associated with better mid-term survival in subjects with coronary artery disease and abnormal ejection fraction. Biomarkers, 2021, 26, 1-5.	1.9	3
67	Statin treatment is associated with a negative correlation between NT-proBNP and insulin resistance in patients without history of heart failure. Clinica Chimica Acta, 2016, 459, 84-88.	1.1	2
68	Postchallenge glucose increment was associated with hemoglobin glycation index in subjects with no history of diabetes. Journal of Investigative Medicine, 2021, 69, 1044-1049.	1.6	2
69	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. Disease Markers, 2015, 2015, 1-8.	1.3	1
70	Generation of three induced pluripotent stem cell lines from type 2 diabetic patients with ocular complications. Stem Cell Research, 2020, 49, 102109.	0.7	1
71	Circulating platelet concentration is associated with bone mineral density in women. Archives of Osteoporosis, 2022, 17, 44.	2.4	1
72	Response to "Effect of Weight Loss on Proinflammatory State of Mononuclear Cells in Obese Women". Obesity, 2009, 17, 934-935.	3.0	0

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73	Therapeutic Potential of Tpl2 (Tumor Progression Locus 2) Inhibition on Diabetic Vasculopathy Through the Blockage of the Inflammasome Complex. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 41, e46-e62.	2.4	0
74	Dyslipidemia, Not Inflammatory Markers or Adipokines, Contributes Significantly to a Higher SYNTAX Score in Stable Coronary Artery Disease (from the Taichung CAD Study). Acta Cardiologica Sinica, 2021, 37, 232-238.	0.2	0