Yan Zheng

List of Publications by Citations

88	3,878	27	61
papers	citations	h-index	g-index
97	5,672	8	6.19
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
88	Global aetiology and epidemiology of type 2 diabetes mellitus and its complications. *Nature Reviews Endocrinology*, **2018**, 14, 88-98	15.2	1622
87	Associations of Weight Gain From Early to Middle Adulthood With Major Health Outcomes Later in Life. *JAMA - Journal of the American Medical Association*, **2017**, 318, 255-269	27.4	245
86	Plasma Ceramides, Mediterranean Diet, and Incident Cardiovascular Disease in the PREDIMED Trial (Prevención con Dieta Mediterránea). *Circulation*, **2017**, 135, 2028-2040	16.7	161
85	Folic Acid Supplementation and the Risk of Cardiovascular Diseases: A Meta-Analysis of Randomized Controlled Trials. *Journal of the American Heart Association*, **2016**, 5,	6	128
84	Disruption of tumour-associated macrophage trafficking by the osteopontin-induced colony-stimulating factor-1 signalling sensitises hepatocellular carcinoma to anti-PD-L1 blockade. *Gut*, **2019**, 68, 1653-1666	19.2	119
83	Cumulative consumption of branched-chain amino acids and incidence of type 2 diabetes. *International Journal of Epidemiology*, **2016**, 45, 1482-1492	7.8	80
82	opvCRISPR: One-pot visual RT-LAMP-CRISPR platform for SARS-cov-2 detection. *Biosensors and Bioelectronics*, **2021**, 172, 112766	11.8	77
81	Association of changes in red meat consumption with total and cause specific mortality among US women and men: two prospective cohort studies. *BMJ, The*, **2019**, 365, l2110	5.9	74
80	Isolation and characterization of exosomes for cancer research. *Journal of Hematology and Oncology*, **2020**, 13, 152	22.4	57
79	Plasma branched chain/aromatic amino acids, enriched Mediterranean diet and risk of type 2 diabetes: case-cohort study within the PREDIMED Trial. *Diabetologia*, **2018**, 61, 1560-1571	10.3	53
78	Low birthweight and risk of type 2 diabetes: a Mendelian randomisation study. *Diabetologia*, **2016**, 59, 1920-7	10.3	53
77	Genome-wide association studies in East Asians identify new loci for waist-hip ratio and waist circumference. *Scientific Reports*, **2016**, 6, 17958	4.9	48
76	Weight-loss diets and 2-y changes in circulating amino acids in 2 randomized intervention trials. *American Journal of Clinical Nutrition*, **2016**, 103, 505-11	7	48
75	Plasma metabolomics identified novel metabolites associated with risk of type 2 diabetes in two prospective cohorts of Chinese adults. *International Journal of Epidemiology*, **2016**, 45, 1507-1516	7.8	45
74	Genetic Predisposition to Central Obesity and Risk of Type 2 Diabetes: Two Independent Cohort Studies. *Diabetes Care*, **2015**, 38, 1306-11	14.6	40
73	Macronutrient Intake-Associated FGF21 Genotype Modifies Effects of Weight-Loss Diets on 2-Year Changes of Central Adiposity and Body Composition: The POUNDS Lost Trial. *Diabetes Care*, **2016**, 39, 1909-1914	14.6	37
72	MFN1-dependent alteration of mitochondrial dynamics drives hepatocellular carcinoma metastasis by glucose metabolic reprogramming. *British Journal of Cancer*, **2020**, 122, 209-220	8.7	37

71	Habitual coffee consumption and genetic predisposition to obesity: gene-diet interaction analyses in three US prospective studies. *BMC Medicine*, **2017**, 15, 97	11.4	34
70	DNA Methylation Variants at HIF3A Locus, B-Vitamin Intake, and Long-term Weight Change: Gene-Diet Interactions in Two U.S. Cohorts. *Diabetes*, **2015**, 64, 3146-54	0.9	34
69	Plasma Acylcarnitines and Risk of Type 2 Diabetes in a Mediterranean Population at High Cardiovascular Risk. *Journal of Clinical Endocrinology and Metabolism*, **2019**, 104, 1508-1519	5.6	31
68	Changes in Consumption of Sugary Beverages and Artificially Sweetened Beverages and Subsequent Risk of Type 2 Diabetes: Results From Three Large Prospective U.S. Cohorts of Women and Men. *Diabetes Care*, **2019**, 42, 2181-2189	14.6	30
67	Plasma lipidome patterns associated with cardiovascular risk in the PREDIMED trial: A case-cohort study. *International Journal of Cardiology*, **2018**, 253, 126-132	3.2	30
66	Weight-Loss Diets, Adiponectin, and Changes in Cardiometabolic Risk in the 2-Year POUNDS Lost Trial. *Journal of Clinical Endocrinology and Metabolism*, **2016**, 101, 2415-22	5.6	30
65	FOXQ1/NDRG1 axis exacerbates hepatocellular carcinoma initiation via enhancing crosstalk between fibroblasts and tumor cells. *Cancer Letters*, **2018**, 417, 21-34	9.9	29
64	Insulin-like growth factor 1-induced enolase 2 deacetylation by HDAC3 promotes metastasis of pancreatic cancer. *Signal Transduction and Targeted Therapy*, **2020**, 5, 53	21	28
63	Recent Positive Selection Drives the Expansion of a Schizophrenia Risk Nonsynonymous Variant at SLC39A8 in Europeans. *Schizophrenia Bulletin*, **2016**, 42, 178-90	1.3	28
62	Myocardial injury and COVID-19: Serum hs-cTnI level in risk stratification and the prediction of 30-day fatality in COVID-19 patients with no prior cardiovascular disease. *Theranostics*, **2020**, 10, 9663-9673	12.1	28
61	Osteopontin alters DNA methylation through up-regulating DNMT1 and sensitizes CD133+/CD44+ cancer stem cells to 5 azacytidine in hepatocellular carcinoma. *Journal of Experimental and Clinical Cancer Research*, **2018**, 37, 179	12.8	27
60	Osteopontin promotes metastasis of intrahepatic cholangiocarcinoma through recruiting MAPK1 and mediating Ser675 phosphorylation of ÉCatenin. *Cell Death and Disease*, **2018**, 9, 179	9.8	26
59	High plasma glutamate and low glutamine-to-glutamate ratio are associated with type 2 diabetes: Case-cohort study within the PREDIMED trial. *Nutrition, Metabolism and Cardiovascular Diseases*, **2019**, 29, 1040-1049	4.5	26
58	Dietary Fat Modifies the Effects of FTO Genotype on Changes in Insulin Sensitivity. *Journal of Nutrition*, **2015**, 145, 977-82	4.1	25
57	Group-Based Trajectory of Body Shape From Ages 5 to 55 Years and Cardiometabolic Disease Risk in 2 US Cohorts. *American Journal of Epidemiology*, **2017**, 186, 1246-1255	3.8	25
56	Longitudinal Analysis of Genetic Susceptibility and BMI Throughout Adult Life. *Diabetes*, **2018**, 67, 248-255	5.9	25
55	Plasma trimethylamine-N-oxide and related metabolites are associated with type 2 diabetes risk in the Prevención con Dieta Mediterránea (PREDIMED) trial. *American Journal of Clinical Nutrition*, **2018**, 108, 163-173	7	24
54	Dietary glutamine, glutamate and mortality: two large prospective studies in US men and women. *International Journal of Epidemiology*, **2018**, 47, 311-320	7.8	22

53	Genetic susceptibility to diabetes and long-term improvement of insulin resistance and βcell function during weight loss: the Preventing Overweight Using Novel Dietary Strategies (POUNDS LOST) trial. *American Journal of Clinical Nutrition*, **2016**, 104, 198-204	7	22
52	C-C chemokine receptor type 1 mediates osteopontin-promoted metastasis in hepatocellular carcinoma. *Cancer Science*, **2018**, 109, 710-723	6.9	20
51	Plasma Taurine, Diabetes Genetic Predisposition, and Changes of Insulin Sensitivity in Response to Weight-Loss Diets. *Journal of Clinical Endocrinology and Metabolism*, **2016**, 101, 3820-3826	5.6	20
50	Independent and Synergistic Associations of Biomarkers of Vitamin D Status With Risk of Coronary Heart Disease. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2017**, 37, 2204-2212	9.4	18
49	Gallstone disease and increased risk of mortality: Two large prospective studies in US men and women. *Journal of Gastroenterology and Hepatology (Australia)*, **2018**, 33, 1925-1931	4	17
48	Gallstones and Risk of Coronary Heart Disease: Prospective Analysis of 270 000 Men and Women From 3 US Cohorts and Meta-Analysis. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2016**, 36, 1997-2003	9.4	17
47	The molecular biology of pancreatic adenocarcinoma: translational challenges and clinical perspectives. *Signal Transduction and Targeted Therapy*, **2021**, 6, 249	21	17
46	Vitamin D metabolism-related genetic variants, dietary protein intake and improvement of insulin resistance in a 2 year weight-loss trial: POUNDS Lost. *Diabetologia*, **2015**, 58, 2791-9	10.3	16
45	The dual blockade of MET and VEGFR2 signaling demonstrates pronounced inhibition on tumor growth and metastasis of hepatocellular carcinoma. *Journal of Experimental and Clinical Cancer Research*, **2018**, 37, 93	12.8	16
44	A Long Non-coding RNA Signature to Improve Prognostic Prediction of Pancreatic Ductal Adenocarcinoma. *Frontiers in Oncology*, **2019**, 9, 1160	5.3	16
43	Dietary Protein Modifies the Effect of the Genotype on 2-Year Changes in Appetite and Food Craving: The POUNDS Lost Trial. *Journal of Nutrition*, **2017**, 147, 439-444	4.1	15
42	Habitual consumption of long-chain n-3 PUFAs and fish attenuates genetically associated long-term weight gain. *American Journal of Clinical Nutrition*, **2019**, 109, 665-673	7	15
41	Duration and life-stage of antibiotic use and risk of cardiovascular events in women. *European Heart Journal*, **2019**, 40, 3838-3845	9.5	15
40	Association of Birth Weight With Type 2 Diabetes and Glycemic Traits: A Mendelian Randomization Study. *JAMA Network Open*, **2019**, 2, e1910915	10.4	14
39	Gut microbiome alterations and gut barrier dysfunction are associated with host immune homeostasis in COVID-19 patients.. *BMC Medicine*, **2022**, 20, 24	11.4	14
38	Lipid metabolic networks, Mediterranean diet and cardiovascular disease in the PREDIMED trial. *International Journal of Epidemiology*, **2018**, 47, 1830-1845	7.8	13
37	Improving fruit and vegetable intake attenuates the genetic association with long-term weight gain. *American Journal of Clinical Nutrition*, **2019**, 110, 759-768	7	12
36	Metabolites related to purine catabolism and risk of type 2 diabetes incidence; modifying effects of the TCF7L2-rs7903146 polymorphism. *Scientific Reports*, **2019**, 9, 2892	4.9	12

35	Mutated EPHA2 is a target for combating lymphatic metastasis in intrahepatic cholangiocarcinoma. *International Journal of Cancer*, **2019**, 144, 2440-2452	7.5	12
34	Complete regression of xenograft tumors using biodegradable mPEG-PLA-SN38 block copolymer micelles. *Colloids and Surfaces B: Biointerfaces*, **2016**, 142, 417-423	6	11
33	Dietary factors, gut microbiota, and serum trimethylamine-N-oxide associated with cardiovascular disease in the Hispanic Community Health Study/Study of Latinos. *American Journal of Clinical Nutrition*, **2021**, 113, 1503-1514	7	10
32	Associations between genetic variants associated with body mass index and trajectories of body fatness across the life course: a longitudinal analysis. *International Journal of Epidemiology*, **2018**, 47, 506-515	7.8	9
31	Genetic Susceptibility, Change in Physical Activity, and Long-term Weight Gain. *Diabetes*, **2017**, 66, 2704-2712	9.7	9
30	Gut-microbiome-related LCT genotype and 2-year changes in body composition and fat distribution: the POUNDS Lost Trial. *International Journal of Obesity*, **2018**, 42, 1565-1573	5.5	8
29	Bcl-2 expression is a poor predictor for hepatocellular carcinoma prognosis of andropause-age patients. *Cancer Biology and Medicine*, **2016**, 13, 459-468	5.2	8
28	variant, long-chain n-3 PUFAs, and risk of nonfatal myocardial infarction in Costa Rican Hispanics. *American Journal of Clinical Nutrition*, **2017**, 105, 1198-1203	7	7
27	Fasting Serum Fructose Levels Are Associated With Risk of Incident Type 2 Diabetes in Middle-Aged and Older Chinese Population. *Diabetes Care*, **2020**, 43, 2217-2225	14.6	7
26	PKM2 Drives Hepatocellular Carcinoma Progression by Inducing Immunosuppressive Microenvironment. *Frontiers in Immunology*, **2020**, 11, 589997	8.4	7
25	Early life exposure to famine and reproductive aging among Chinese women. *Menopause*, **2019**, 26, 463-468	4.3	7
24	Genetic variation of habitual coffee consumption and glycemic changes in response to weight-loss diet intervention: the Preventing Overweight Using Novel Dietary Strategies (POUNDS LOST) trial. *American Journal of Clinical Nutrition*, **2017**, 106, 1321-1326	7	6
23	The MC4R genotype is associated with postpartum weight reduction and glycemic changes among women with prior gestational diabetes: longitudinal analysis. *Scientific Reports*, **2017**, 7, 9654	4.9	6
22	Characteristics of pre-metastatic niche: the landscape of molecular and cellular pathways.. *Molecular Biomedicine*, **2021**, 2, 3	3.1	6
21	Association of Oily and Nonoily Fish Consumption and Fish Oil Supplements With Incident Type 2 Diabetes: A Large Population-Based Prospective Study. *Diabetes Care*, **2021**, 44, 672-680	14.6	6
20	The incidence, risk factors, and survival of acute myeloid leukemia secondary to myelodysplastic syndrome: A population-based study. *Hematological Oncology*, **2019**, 37, 438-446	1.3	5
19	Association between the metabolome and bone mineral density in a Chinese population. *EBioMedicine*, **2020**, 62, 103111	8.8	4
18	Metabolomic Biomarkers Reflect Usual Dietary Pattern: A Review. *Current Nutrition Reports*, **2014**, 3, 62-68	6	3

17	The association between KLF4 as a tumor suppressor and the prognosis of hepatocellular carcinoma after curative resection. *Aging*, **2020**, 12, 15566-15580	5.6	3
16	Genetically predicted body composition in relation to cardiometabolic traits: a Mendelian randomization study. *European Journal of Epidemiology*, **2021**, 36, 1157-1168	12.1	3
15	Zinc-Associated Variant in SLC30A8 Gene Interacts With Gestational Weight Gain on Postpartum Glycemic Changes: A Longitudinal Study in Women With Prior Gestational Diabetes Mellitus. *Diabetes*, **2016**, 65, 3786-3793	0.9	3
14	Mendelian randomization analysis does not support causal associations of birth weight with hypertension risk and blood pressure in adulthood. *European Journal of Epidemiology*, **2020**, 35, 685-697	12.1	2
13	TF-Marker: a comprehensive manually curated database for transcription factors and related markers in specific cell and tissue types in human.. *Nucleic Acids Research*, **2022**, 50, D402-D412	20.1	2
12	A Predictive Model Based on a New CI-AKI Definition to Predict Contrast Induced Nephropathy in Patients With Coronary Artery Disease With Relatively Normal Renal Function. *Frontiers in Cardiovascular Medicine*, **2021**, 8, 762576	5.4	2
11	Cholesterol suppresses GOLM1-dependent selective autophagy of RTKs in hepatocellular carcinoma.. *Cell Reports*, **2022**, 39, 110712	10.6	2
10	Association between childhood trauma and risk for obesity: a putative neurocognitive developmental pathway. *BMC Medicine*, **2020**, 18, 278	11.4	1
9	Predictive model for acute abdominal pain after transarterial chemoembolization for liver cancer. *World Journal of Gastroenterology*, **2020**, 26, 4442-4452	5.6	1
8	Genetic Predisposition to Coronary Artery Disease in Type 2 Diabetes Mellitus. *Circulation Genomic and Precision Medicine*, **2020**, 13, e002769	5.2	1
7	Sexual Dysfunction and the Impact of Beta-Blockers in Young Males With Coronary Artery Disease. *Frontiers in Cardiovascular Medicine*, **2021**, 8, 708200	5.4	1
6	Surrogate markers and predictors of endogenous insulin secretion in children and adolescents with type 1 diabetes. *World Journal of Pediatrics*, **2021**, 17, 99-105	4.6	1
5	Comparison of Fecal Collection Methods on Variation in Gut Metagenomics and Untargeted Metabolomics. *MSphere*, **2021**, 6, e0063621	5	1
4	Circulating metabolites from the choline pathway and acute coronary syndromes in a Chinese case-control study. *Nutrition and Metabolism*, **2020**, 17, 39	4.6	0
3	Habitual use of fish oil supplements, genetic predisposition, and risk of fractures: a large population-based study. *American Journal of Clinical Nutrition*, **2021**, 114, 945-954	7	0
2	Erratum to Bcl-2 expression is a poor predictor for hepatocellular carcinoma prognosis of andropause-age patients. *Cancer Biology and Medicine*, **2017**, 14, 108	5.2	
1	Plasma folate levels in relation to cognitive impairment: a community-based cohort of older adults in China.. *European Journal of Nutrition*, **2022**, 1	5.2	