Yan Zheng

List of Publications by Year
in descending order

94 papers	7,455 citations	117625 34 h-index	62596 80 g-index
97 all docs	97 docs citations	97 times ranked	12545 citing authors

#	Article	IF	Citations
1	Global aetiology and epidemiology of type 2 diabetes mellitus and its complications. Nature Reviews Endocrinology, 2018, 14, 88-98.	9.6	3,156
2	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.	7.4	366
3	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.	12.1	246
4	Plasma Ceramides, Mediterranean Diet, and Incident Cardiovascular Disease in the PREDIMED Trial (Prevención con Dieta Mediterránea). Circulation, 2017, 135, 2028-2040.	1.6	227
5	Isolation and characterization of exosomes for cancer research. Journal of Hematology and Oncology, 2020, 13, 152.	17.0	218
6	opvCRISPR: One-pot visual RT-LAMP-CRISPR platform for SARS-cov-2 detection. Biosensors and Bioelectronics, 2021, 172, 112766.	10.1	207
7	Folic Acid Supplementation and the Risk of Cardiovascular Diseases: A Meta‐Analysis of Randomized Controlled Trials. Journal of the American Heart Association, 2016, 5, .	3.7	183
8	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.	6.0	133
9	The molecular biology of pancreatic adenocarcinoma: translational challenges and clinical perspectives. Signal Transduction and Targeted Therapy, 2021, 6, 249.	17.1	131
10	Cumulative consumption of branched-chain amino acids and incidence of type 2 diabetes. International Journal of Epidemiology, 2016, 45, 1482-1492.	1.9	114
11	MFN1-dependent alteration of mitochondrial dynamics drives hepatocellular carcinoma metastasis by glucose metabolic reprogramming. British Journal of Cancer, 2020, 122, 209-220.	6.4	93
12	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.	6.3	89
13	Gut microbiome alterations and gut barrier dysfunction are associated with host immune homeostasis in COVID-19 patients. BMC Medicine, 2022, 20, 24.	5.5	83
14	Low birthweight and risk of type 2 diabetes: a Mendelian randomisation study. Diabetologia, 2016, 59, 1920-1927.	6.3	76
15	Association of a Healthy Lifestyle With All-Cause and Cause-Specific Mortality Among Individuals With Type 2 Diabetes: A Prospective Study in UK Biobank. Diabetes Care, 2022, 45, 319-329.	8.6	76
16	Insulin-like growth factor 1-induced enolase 2 deacetylation by HDAC3 promotes metastasis of pancreatic cancer. Signal Transduction and Targeted Therapy, 2020, 5, 53.	17.1	70
17	Weight-loss diets and 2-y changes in circulating amino acids in 2 randomized intervention trials. American Journal of Clinical Nutrition, 2016, 103, 505-511.	4.7	69
18	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.	1.9	64

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19	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.	8.6	64
20	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.	3.6	60
21	Genome-wide association studies in East Asians identify new loci for waist-hip ratio and waist circumference. Scientific Reports, 2016, 6, 17958.	3.3	58
22	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.	2.6	58
23	Genetic Predisposition to Central Obesity and Risk of Type 2 Diabetes: Two Independent Cohort Studies. Diabetes Care, 2015, 38, 1306-1311.	8.6	54
24	FOXQ1/NDRG1 axis exacerbates hepatocellular carcinoma initiation via enhancing crosstalk between fibroblasts and tumor cells. Cancer Letters, 2018, 417, 21-34.	7.2	54
25	Plasma lipidome patterns associated with cardiovascular risk in the PREDIMED trial: A case-cohort study. International Journal of Cardiology, 2018, 253, 126-132.	1.7	52
26	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.	8.6	50
27	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.	8.6	49
28	PKM2 Drives Hepatocellular Carcinoma Progression by Inducing Immunosuppressive Microenvironment. Frontiers in Immunology, 2020, 11, 589997.	4.8	45
29	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.	10.0	45
30	Osteopontin promotes metastasis of intrahepatic cholangiocarcinoma through recruiting MAPK1 and mediating Ser675 phosphorylation of β-Catenin. Cell Death and Disease, 2018, 9, 179.	6.3	44
31	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, 3146-3154.	0.6	43
32	Weight-Loss Diets, Adiponectin, and Changes in Cardiometabolic Risk in the 2-Year POUNDS Lost Trial. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 2415-2422.	3.6	42
33	Characteristics of pre-metastatic niche: the landscape of molecular and cellular pathways. Molecular Biomedicine, 2021, 2, 3.	4.4	42
34	Habitual coffee consumption and genetic predisposition to obesity: gene-diet interaction analyses in three US prospective studies. BMC Medicine, 2017, 15, 97.	5.5	41
35	Association of Birth Weight With Type 2 Diabetes and Glycemic Traits. JAMA Network Open, 2019, 2, e1910915.	5.9	41
36	Longitudinal Analysis of Genetic Susceptibility and BMI Throughout Adult Life. Diabetes, 2018, 67, 248-255.	0.6	38

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37	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.	4.7	37
38	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.	3.4	36
39	Metabolites related to purine catabolism and risk of type 2 diabetes incidence; modifying effects of the TCF7L2-rs7903146 polymorphism. Scientific Reports, 2019, 9, 2892.	3.3	36
40	Recent Positive Selection Drives the Expansion of a Schizophrenia Risk Nonsynonymous Variant at<i>SLC39A8</i>in Europeans. Schizophrenia Bulletin, 2016, 42, sbv070.	4.3	35
41	Gallstones and Risk of Coronary Heart Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1997-2003.	2.4	34
42	Duration and life-stage of antibiotic use and risk of cardiovascular events in women. European Heart Journal, 2019, 40, 3838-3845.	2.2	32
43	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.	4.7	32
44	Dietary Fat Modifies the Effects of FTO Genotype on Changes in Insulin Sensitivity. Journal of Nutrition, 2015, 145, 977-982.	2.9	30
45	Genetic susceptibility to diabetes and long-term improvement of insulin resistance and β cell function during weight loss: the Preventing Overweight Using Novel Dietary Strategies (POUNDS LOST) trial. American Journal of Clinical Nutrition, 2016, 104, 198-204.	4.7	30
46	Improving fruit and vegetable intake attenuates the genetic association with long-term weight gain. American Journal of Clinical Nutrition, 2019, 110, 759-768.	4.7	30
47	A Long Non-coding RNA Signature to Improve Prognostic Prediction of Pancreatic Ductal Adenocarcinoma. Frontiers in Oncology, 2019, 9, 1160.	2.8	29
48	C–C chemokine receptor type 1 mediates osteopontin–promoted metastasis in hepatocellular carcinoma. Cancer Science, 2018, 109, 710-723.	3.9	28
49	Dietary glutamine, glutamate and mortality: two large prospective studies in US men and women. International Journal of Epidemiology, 2018, 47, 311-320.	1.9	28
50	Association between the metabolome and bone mineral density in a Chinese population. EBioMedicine, 2020, 62, 103111.	6.1	28
51	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.	8.6	27
52	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.	3.6	26
53	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.	8.6	26
54	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.	4.7	25

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55	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.	2.8	24
56	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.	2.4	23
57	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, 2791-2799.	6.3	20
58	Lipid metabolic networks, Mediterranean diet and cardiovascular disease in the PREDIMED trial. International Journal of Epidemiology, 2018, 47, 1830-1845.	1.9	19
59	Mutated EPHA2 is a target for combating lymphatic metastasis in intrahepatic cholangiocarcinoma. International Journal of Cancer, 2019, 144, 2440-2452.	5.1	19
60	Complete regression of xenograft tumors using biodegradable mPEG-PLA-SN38 block copolymer micelles. Colloids and Surfaces B: Biointerfaces, 2016, 142, 417-423.	5.0	18
61	Dietary Protein Modifies the Effect of the MC4R Genotype on 2-Year Changes in Appetite and Food Craving: The POUNDS Lost Trial. Journal of Nutrition, 2017, 147, jn242958.	2.9	17
62	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.	1.9	17
63	NAFLD‑related gene polymorphisms and all‑cause and cause‑specific mortality in an Asian population: the Shanghai Changfeng Study. Alimentary Pharmacology and Therapeutics, 2022, 55, 705-721.	3.7	17
64	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.	3.4	16
65	Cholesterol suppresses GOLM1-dependent selective autophagy of RTKs in hepatocellular carcinoma. Cell Reports, 2022, 39, 110712.	6.4	15
66	Genetic Susceptibility, Change in Physical Activity, and Long-term Weight Gain. Diabetes, 2017, 66, 2704-2712.	0.6	14
67	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.	8.6	14
68	Bcl-2 expression is a poor predictor for hepatocellular carcinoma prognosis of andropause-age patients. Cancer Biology and Medicine, 2016, 13, 459.	3.0	12
69	Early life exposure to famine and reproductive aging among Chinese women. Menopause, 2019, 26, 463-468.	2.0	12
70	Genetically predicted body composition in relation to cardiometabolic traits: a Mendelian randomization study. European Journal of Epidemiology, 2021, 36, 1157-1168.	5.7	12
71	Comparison of Fecal Collection Methods on Variation in Gut Metagenomics and Untargeted Metabolomics. MSphere, 2021, 6, e0063621.	2.9	12
72	OUP accepted manuscript. Nucleic Acids Research, 2022, 50, D402-D412.	14.5	12

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73	PCSK9 variant, long-chain n−3 PUFAs, and risk of nonfatal myocardial infarction in Costa Rican Hispanics1−3. American Journal of Clinical Nutrition, 2017, 105, 1198-1203.	4.7	11
74	The incidence, risk factors, and survival of acute myeloid leukemia secondary to myelodysplastic syndrome: A population‐based study. Hematological Oncology, 2019, 37, 438-446.	1.7	11
75	Predictive model for acute abdominal pain after transarterial chemoembolization for liver cancer. World Journal of Gastroenterology, 2020, 26, 4442-4452.	3.3	11
76	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.	2.4	11
77	The gut microbiome and microbial metabolites in acute myocardial infarction. Journal of Genetics and Genomics, 2022, 49, 569-578.	3.9	11
78	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.	3.3	10
79	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.	5.7	9
80	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.	4.7	8
81	Zinc-Associated Variant inSLC30A8Gene Interacts With Gestational Weight Gain on Postpartum Glycemic Changes: A Longitudinal Study in Women With Prior Gestational Diabetes Mellitus. Diabetes, 2016, 65, 3786-3793.	0.6	7
82	The association between KLF4 as a tumor suppressor and the prognosis of hepatocellular carcinoma after curative resection. Aging, 2020, 12, 15566-15580.	3.1	6
83	Long-term Weight Change and its Temporal Relation to Later-life Dementia in the Health and Retirement Study. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e2710-e2716.	3.6	6
84	Genetic Predisposition to Coronary Artery Disease in Type 2 Diabetes Mellitus. Circulation Genomic and Precision Medicine, 2020, 13, e002769.	3.6	5
85	Association between childhood trauma and risk for obesity: a putative neurocognitive developmental pathway. BMC Medicine, 2020, 18, 278.	5.5	5
86	Circulating metabolites from the choline pathway and acute coronary syndromes in a Chinese case-control study. Nutrition and Metabolism, 2020, 17, 39.	3.0	5
87	Metabolomic Biomarkers Reflect Usual Dietary Pattern: A Review. Current Nutrition Reports, 2014, 3, 62-68.	4.3	4
88	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.	4.7	3
89	Association of Long-Term Body Weight Variability With Dementia: A Prospective Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2022, 77, 2116-2122.	3.6	3
90	Sexual Dysfunction and the Impact of Beta-Blockers in Young Males With Coronary Artery Disease. Frontiers in Cardiovascular Medicine, 2021, 8, 708200.	2.4	2

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91	Olfactory Function, Genetic Predisposition, and Cognitive Performance in Chinese Adults. Current Alzheimer Research, 2021, 18, 1093-1103.	1.4	2
92	Surrogate markers and predictors of endogenous insulin secretion in children and adolescents with type 1 diabetes. World Journal of Pediatrics, 2021, 17, 99-105.	1.8	1
93	Plasma folate levels in relation to cognitive impairment: a community-based cohort of older adults in China. European Journal of Nutrition, 2022, 61, 2837-2845.	3.9	1
94	Erratum to Bcl-2 expression is a poor predictor for hepatocellular carcinoma prognosis of andropause-age patients. Cancer Biology and Medicine, 2017, 14, 108-108.	3.0	0