Ju-Sheng Zheng

List of Publications by Year
in descending order

73 papers	2,370 citations	270111 25 h-index	286692 43 g-index
85 all docs	85 docs citations	85 times ranked	4078 citing authors

#	Article	IF	Citations
1	Genetically predicted circulating vitamin C in relation to cardiovascular disease. European Journal of Preventive Cardiology, 2022, 28, 1829-1837.	0.8	8
2	Mapping the human gut mycobiome in middle-aged and elderly adults: multiomics insights and implications for host metabolic health. Gut, 2022, 71, 1812-1820.	6.1	44
3	Human Gut Antibiotic Resistome and Progression of Diabetes. Advanced Science, 2022, 9, e2104965.	5.6	17
4	Dairy as a Source of Iodine and Protein in the UK: Implications for Human Health Across the Life Course, and Future Policy and Research. Frontiers in Nutrition, 2022, 9, 800559.	1.6	8
5	Health effects of high serum calcium levels: Updated phenome-wide Mendelian randomisation investigation and review of Mendelian randomisation studies. EBioMedicine, 2022, 76, 103865.	2.7	12
6	Circulating Proteome and Progression of Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2022, 107, 1616-1625.	1.8	4
7	Association of gut microbiota with glycaemic traits and incident type 2 diabetes, and modulation by habitual diet: a population-based longitudinal cohort study in Chinese adults. Diabetologia, 2022, 65, 1145-1156.	2.9	19
8	Lifestyle and metabolic factors for nonalcoholic fatty liver disease: Mendelian randomization study. European Journal of Epidemiology, 2022, 37, 723-733.	2.5	54
9	Association between postterm pregnancy and adverse growth outcomes in preschool-aged children. American Journal of Clinical Nutrition, 2022, , .	2.2	1
10	Marine lipids and diabetes. , 2022, , 125-134.		0
11	Temporal relationship among adiposity, gut microbiota, and insulin resistance in a longitudinal human cohort. BMC Medicine, 2022, 20, 171.	2.3	10
12	The gut microbiota-bile acid axis links the positive association between chronic insomnia and cardiometabolic diseases. Nature Communications, 2022, 13, .	5.8	42
13	Interaction of n-3 polyunsaturated fatty acids with host CD36 genetic variant for gut microbiome and blood lipids in human cohorts. Clinical Nutrition, 2022, 41, 1724-1734.	2.3	10
14	Gut microbiota signatures of long-term and short-term plant-based dietary pattern and cardiometabolic health: a prospective cohort study. BMC Medicine, 2022, 20, .	2.3	19
15	Plasma Vitamin C and Type 2 Diabetes: Genome-Wide Association Study and Mendelian Randomization Analysis in European Populations. Diabetes Care, 2021, 44, 98-106.	4.3	68
16	Interpretable Machine Learning Framework Reveals Robust Gut Microbiome Features Associated With Type 2 Diabetes. Diabetes Care, 2021, 44, 358-366.	4.3	82
17	Fastâ€food restaurant, unhealthy eating, and childhood obesity: A systematic review and metaâ€analysis. Obesity Reviews, 2021, 22, e12944.	3.1	73
18	Multi-omics analyses reveal relationships among dairy consumption, gut microbiota and cardiometabolic health. EBioMedicine, 2021, 66, 103284.	2.7	24

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19	Gut microbiota, inflammation, and molecular signatures of host response to infection. Journal of Genetics and Genomics, 2021, 48, 792-802.	1.7	49
20	Circulating vitamin C concentration and risk of cancers: a Mendelian randomization study. BMC Medicine, 2021, 19, 171.	2.3	36
21	The Association of Gut Microbiota With Osteoporosis Is Mediated by Amino Acid Metabolism: Multiomics in a Large Cohort. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e3852-e3864.	1.8	59
22	Individual Postprandial Glycemic Responses to Diet in n-of-1 Trials: Westlake N-of-1 Trials for Macronutrient Intake (WE-MACNUTR). Journal of Nutrition, 2021, 151, 3158-3167.	1.3	14
23	Precision nutrition for gut microbiome and diabetes research: Application of nutritional nâ€ofâ€1 clinical trials. Journal of Diabetes, 2021, 13, 1059-1061.	0.8	5
24	Dietary Fatty Acids, Macronutrient Substitutions, Food Sources and Incidence of Coronary Heart Disease: Findings From the EPICâ€CVD Caseâ€Cohort Study Across Nine European Countries. Journal of the American Heart Association, 2021, 10, e019814.	1.6	29
25	Legume and soy intake and risk of type 2 diabetes: a systematic review and meta-analysis of prospective cohort studies. American Journal of Clinical Nutrition, 2020, 111, 677-688.	2.2	48
26	The association between circulating 25-hydroxyvitamin D metabolites and type 2 diabetes in European populations: AÂmeta-analysis and Mendelian randomisation analysis. PLoS Medicine, 2020, 17, e1003394.	3.9	45
27	The interplay between host genetics and the gut microbiome reveals common and distinct microbiome features for complex human diseases. Microbiome, 2020, 8, 145.	4.9	77
28	Dietary fruit and vegetable intake, gut microbiota, and type 2 diabetes: results from two large human cohort studies. BMC Medicine, 2020, 18, 371.	2.3	74
29	Erythrocyte n-6 Polyunsaturated Fatty Acids, Gut Microbiota, and Incident Type 2 Diabetes: A Prospective Cohort Study. Diabetes Care, 2020, 43, 2435-2443.	4.3	32
30	Application of n-of-1 Clinical Trials in Personalized Nutrition Research: A Trial Protocol for Westlake N-of-1 Trials for Macronutrient Intake (WE-MACNUTR). Current Developments in Nutrition, 2020, 4, nzaa143.	0.1	11
31	Association of plasma biomarkers of fruit and vegetable intake with incident type 2 diabetes: EPIC-InterAct case-cohort study in eight European countries. BMJ, The, 2020, 370, m2194.	3.0	75
32	Integration of an interpretable machine learning algorithm to identify early life risk factors of childhood obesity among preterm infants: a prospective birth cohort. BMC Medicine, 2020, 18, 184.	2.3	18
33	Regulobiosis: A regulatory and food system-sensitive role for fungal symbionts in human evolution and ecobiology. Asia Pacific Journal of Clinical Nutrition, 2020, 29, 9-15.	0.3	3
34	Dietary camellia (Camellia oleifera Abel) seed oil in traditional Chinese cooking for high-risk cardiovascular disease: A three-arm double-blind randomized controlled feeding trial protocol. Asia Pacific Journal of Clinical Nutrition, 2020, 29, 751-762.	0.3	5
35	Geneâ€lifestyle interaction on risk of type 2 diabetes: A systematic review. Obesity Reviews, 2019, 20, 1557-1571.	3.1	47
36	Changes in plasma phospholipid fatty acid profiles over 13 years and correlates of change: European Prospective Investigation into Cancer and Nutrition-Norfolk Study. American Journal of Clinical Nutrition, 2019, 109, 1527-1534.	2.2	17

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37	Association of Plasma Vitamin D Metabolites With Incident Type 2 Diabetes: EPIC-InterAct Case-Cohort Study. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 1293-1303.	1.8	25
38	Relationship between erythrocyte phospholipid fatty acid composition and obesity in children and adolescents. Journal of Clinical Lipidology, 2019, 13, 70-79.e1.	0.6	6
39	Association between erythrocyte fatty acids in de novo lipogenesis pathway and DXA-derived body fat and trunk fat distribution in Chinese adults: a prospective study. European Journal of Nutrition, 2019, 58, 3229-3239.	1.8	3
40	Association of erythrocyte n-3 polyunsaturated fatty acids with incident type 2 diabetes in a Chinese population. Clinical Nutrition, 2019, 38, 2195-2201.	2.3	14
41	Replication of a Gene-Diet Interaction at CD36, NOS3 and PPARG in Response to Omega-3 Fatty Acid Supplements on Blood Lipids: A Double-Blind Randomized Controlled Trial. EBioMedicine, 2018, 31, 150-156.	2.7	21
42	Erythrocyte Saturated Fatty Acids and Incident Type 2 Diabetes in Chinese Men and Women: A Prospective Cohort Study. Nutrients, 2018, 10, 1393.	1.7	15
43	Association between Erythrocyte Membrane Phospholipid Fatty Acids and Sleep Disturbance in Chinese Children and Adolescents. Nutrients, 2018, 10, 344.	1.7	9
44	Cohort profile: The Jiaxing Birth Cohort in China. International Journal of Epidemiology, 2017, 46, dyw203.	0.9	8
45	Maternal Blood Pressure Rise During Pregnancy and Offspring Obesity Risk at 4 to 7 Years Old: The Jiaxing Birth Cohort. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 4315-4322.	1.8	22
46	Genetic Risk Score of Nine Type 2 Diabetes Risk Variants that Interact with Erythrocyte Phospholipid Alpha-Linolenic Acid for Type 2 Diabetes in Chinese Hans: A Case-Control Study. Nutrients, 2017, 9, 376.	1.7	12
47	Association between plasma phospholipid saturated fatty acids and metabolic markers of lipid, hepatic, inflammation and glycaemic pathways in eight European countries: a cross-sectional analysis in the EPIC-InterAct study. BMC Medicine, 2017, 15, 203.	2.3	47
48	Positive association between the metabolic syndrome and white blood cell counts in Chinese. Asia Pacific Journal of Clinical Nutrition, 2017, 26, 141-147.	0.3	11
49	Positive association between metabolic syndrome and serum uric acid in Wuhan. Asia Pacific Journal of Clinical Nutrition, 2017, 26, 343-350.	0.3	10
50	Increased pre-school overweight and obesity prevalence between 2004 and 2013 is associated with appetite, eating frequency and supportive facilities: the Jiaxing Birth Cohort in China. Asia Pacific Journal of Clinical Nutrition, 2017, 26, 881-887.	0.3	1
51	Nutritional Biomarkers, Gene-Diet Interaction, and Risk Factors for Type 2 Diabetes. Journal of Diabetes Research, 2016, 2016, 1-2.	1.0	14
52	Effects of nâ€3 fatty acid supplements on glycemic traits in Chinese type 2 diabetic patients: A doubleâ€blind randomized controlled trial. Molecular Nutrition and Food Research, 2016, 60, 2176-2184.	1.5	52
53	Pre-conceptional intake of folic acid supplements is inversely associated with risk of preterm birth and small-for-gestational-age birth: a prospective cohort study. British Journal of Nutrition, 2016, 115, 509-516.	1.2	33
54	Serum metabolomics profiles in response to n-3 fatty acids in Chinese patients with type 2 diabetes: a double-blind randomised controlled trial. Scientific Reports, 2016, 6, 29522.	1.6	34

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55	Tea consumption and mortality of all cancers, CVD and all causes: a meta-analysis of eighteen prospective cohort studies. British Journal of Nutrition, 2015, 114, 673-683.	1.2	103
56	Complementary Feeding and Childhood Adiposity in Preschool-Aged Children in a Large Chinese Cohort. Journal of Pediatrics, 2015, 166, 326-331.e2.	0.9	23
57	Modulation of the Association between the <i>PEPD</i> Variant and the Risk of Type 2 Diabetes by n-3 Fatty Acids in Chinese Hans. Journal of Nutrigenetics and Nutrigenomics, 2015, 8, 36-43.	1.8	14
58	BMI status influences the response of insulin sensitivity to diacylglycerol oil in Chinese type 2 diabetic patients. Asia Pacific Journal of Clinical Nutrition, 2015, 24, 65-72.	0.3	8
59	Change of Plasma Metabolites in Response to Omegaâ€3 Fatty Acids in Chinese Patients with Type 2 Diabetes: A Doubleâ€Blinded Randomized Controlled Trial. FASEB Journal, 2015, 29, 401.3.	0.2	1
60	Genome-wide interaction of genotype by erythrocyte n-3 fatty acids contributes to phenotypic variance of diabetes-related traits. BMC Genomics, 2014, 15, 781.	1.2	6
61	Circulating 25-Hydroxyvitamin D, IRS1 Variant rs2943641, and Insulin Resistance: Replication of a Geneâ€“Nutrient Interaction in 4 Populations of Different Ancestries. Clinical Chemistry, 2014, 60, 186-196.	1.5	19
62	Exclusive Breastfeeding Is Inversely Associated with Risk of Childhood Overweight in a Large Chinese Cohort. Journal of Nutrition, 2014, 144, 1454-1459.	1.3	38
63	Modulation by Dietary Fat and Carbohydrate of IRS1 Association With Type 2 Diabetes Traits in Two Populations of Different Ancestries. Diabetes Care, 2013, 36, 2621-2627.	4.3	25
64	Effects of Green Tea, Black Tea, and Coffee Consumption on the Risk of Esophageal Cancer: A Systematic Review and Meta-Analysis of Observational Studies. Nutrition and Cancer, 2013, 65, 1-16.	0.9	57
65	Genetic Variants at PSMD3 Interact with Dietary Fat and Carbohydrate to Modulate Insulin Resistance. Journal of Nutrition, 2013, 143, 354-361.	1.3	17
66	Intake of fish and marine n-3 polyunsaturated fatty acids and risk of breast cancer: meta-analysis of data from 21 independent prospective cohort studies. BMJ, The, 2013, 346, f3706-f3706.	3.0	290
67	Polyunsaturated Fatty Acids Modulate the Association between PIK3CA-KCNMB3 Genetic Variants and Insulin Resistance. PLoS ONE, 2013, 8, e67394.	1.1	10
68	Consumption of Chinese Tea-Flavor Liquor Improves Circulating Insulin Levels without Affecting Hepatic Lipid Metabolism-Related Gene Expression in Sprague-Dawley Rats. Scientific World Journal, The, 2013, 2013, 1-9.	0.8	1
69	Genome-Wide Contribution of Genotype by Environment Interaction to Variation of Diabetes-Related Traits. PLoS ONE, 2013, 8, e77442.	1.1	41
70	Polyunsaturated fatty acids (PUFA) modulate association between PIK3CAâ€KCNMB3 variants and insulin resistance. FASEB Journal, 2013, 27, 640.3.	0.2	0
71	Effects of Chinese Liquors on Cardiovascular Disease Risk Factors in Healthy Young Humans. Scientific World Journal, The, 2012, 2012, 1-9.	0.8	6
72	Low Docosahexaenoic Acid Content in Plasma Phospholipids is Associated with Increased Nonâ€alcoholic Fatty Liver Disease in China. Lipids, 2012, 47, 549-556.	0.7	27

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73	Marine N-3 Polyunsaturated Fatty Acids Are Inversely Associated with Risk of Type 2 Diabetes in Asians: A Systematic Review and Meta-Analysis. PLoS ONE, 2012, 7, e44525.	1.1	108