

Zhilei Shan

List of Publications by Year in descending order

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55
papers

3,978
citations

218677

26
h-index

182427

51
g-index

55
all docs

55
docs citations

55
times ranked

6710
citing authors

#	ARTICLE	IF	CITATIONS
1	Sleep Duration and Risk of Type 2 Diabetes: A Meta-analysis of Prospective Studies. <i>Diabetes Care</i> , 2015, 38, 529-537.	8.6	606
2	Relationship of Sleep Duration With All-cause Mortality and Cardiovascular Events: A Systematic Review and Dose-response Meta-analysis of Prospective Cohort Studies. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	378
3	Trends in Dietary Carbohydrate, Protein, and Fat Intake and Diet Quality Among US Adults, 1999-2016. <i>JAMA - Journal of the American Medical Association</i> , 2019, 322, 1178.	7.4	314
4	Egg consumption and risk of coronary heart disease and stroke: dose-response meta-analysis of prospective cohort studies. <i>BMJ, The</i> , 2013, 346, e8539-e8539.	6.0	302
5	Association Between Healthy Eating Patterns and Risk of Cardiovascular Disease. <i>JAMA Internal Medicine</i> , 2020, 180, 1090.	5.1	211
6	Nut consumption and risk of type 2 diabetes, cardiovascular disease, and all-cause mortality: a systematic review and meta-analysis. <i>American Journal of Clinical Nutrition</i> , 2014, 100, 256-269.	4.7	194
7	Adverse childhood experiences and risk of type 2 diabetes: A systematic review and meta-analysis. <i>Metabolism: Clinical and Experimental</i> , 2015, 64, 1408-1418.	3.4	168
8	Rotating night shift work and adherence to unhealthy lifestyle in predicting risk of type 2 diabetes: results from two large US cohorts of female nurses. <i>BMJ: British Medical Journal</i> , 2018, 363, k4641.	2.3	156
9	Association between microbiota-dependent metabolite trimethylamine-N-oxide and type 2 diabetes. <i>American Journal of Clinical Nutrition</i> , 2017, 106, 888-894.	4.7	152
10	Association Among Dietary Supplement Use, Nutrient Intake, and Mortality Among U.S. Adults. <i>Annals of Internal Medicine</i> , 2019, 170, 604.	3.9	152
11	Association of Low-Carbohydrate and Low-Fat Diets With Mortality Among US Adults. <i>JAMA Internal Medicine</i> , 2020, 180, 513.	5.1	112
12	Intake of Sugar-Sweetened and Low-Calorie Sweetened Beverages and Risk of Cardiovascular Disease: A Meta-Analysis and Systematic Review. <i>Advances in Nutrition</i> , 2021, 12, 89-101.	6.4	99
13	Increased MicroRNA-146a Levels in Plasma of Patients with Newly Diagnosed Type 2 Diabetes Mellitus. <i>PLoS ONE</i> , 2013, 8, e73272.	2.5	97
14	Preventable Cancer Burden Associated With Poor Diet in the United States. <i>JNCI Cancer Spectrum</i> , 2019, 3, pkz034.	2.9	95
15	Interactions Between Zinc Transporter-8 Gene (<i>SLC30A8</i>) and Plasma Zinc Concentrations for Impaired Glucose Regulation and Type 2 Diabetes. <i>Diabetes</i> , 2014, 63, 1796-1803.	0.6	84
16	Intravenous and nebulized magnesium sulfate for treating acute asthma in adults and children: A systematic review and meta-analysis. <i>Respiratory Medicine</i> , 2013, 107, 321-330.	2.9	82
17	Aspirin for Primary Prevention of Cardiovascular Events: Meta-Analysis of Randomized Controlled Trials and Subgroup Analysis by Sex and Diabetes Status. <i>PLoS ONE</i> , 2014, 9, e90286.	2.5	59
18	U-Shaped Association between Plasma Manganese Levels and Type 2 Diabetes. <i>Environmental Health Perspectives</i> , 2016, 124, 1876-1881.	6.0	58

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19	Plasma concentration of trimethylamine-N-oxide and risk of gestational diabetes mellitus. <i>American Journal of Clinical Nutrition</i> , 2018, 108, 603-610.	4.7	48
20	Associations of Serum Carotenoids With Risk of Cardiovascular Mortality Among Individuals With Type 2 Diabetes: Results From NHANES. <i>Diabetes Care</i> , 2022, 45, 1453-1461.	8.6	44
21	Dietary Supplement Use among Adult Cancer Survivors in the United States. <i>Journal of Nutrition</i> , 2020, 150, 1499-1508.	2.9	40
22	Associations of Menstrual Cycle Characteristics Across the Reproductive Life Span and Lifestyle Factors With Risk of Type 2 Diabetes. <i>JAMA Network Open</i> , 2020, 3, e2027928.	5.9	38
23	Quality of Plant-Based Diet and Risk of Total, Ischemic, and Hemorrhagic Stroke. <i>Neurology</i> , 2021, 96, e1940-e1953.	1.1	36
24	Dairy Consumption and Gastric Cancer Risk: A Meta-Analysis of Epidemiological Studies. <i>Nutrition and Cancer</i> , 2015, 67, 555-568.	2.0	35
25	Gut Microbial-Related Choline Metabolite Trimethylamine-N-Oxide Is Associated With Progression of Carotid Artery Atherosclerosis in HIV Infection. <i>Journal of Infectious Diseases</i> , 2018, 218, 1474-1479.	4.0	34
26	Effects of Whole Milk Supplementation on Gut Microbiota and Cardiometabolic Biomarkers in Subjects with and without Lactose Malabsorption. <i>Nutrients</i> , 2018, 10, 1403.	4.1	31
27	Interactions between plasma copper concentrations and SOD1 gene polymorphism for impaired glucose regulation and type 2 diabetes. <i>Redox Biology</i> , 2019, 24, 101172.	9.0	31
28	Association between plasma concentration of copper and gestational diabetes mellitus. <i>Clinical Nutrition</i> , 2019, 38, 2922-2927.	5.0	30
29	Genome-Wide Assessment for Resting Heart Rate and Shared Genetics With Cardiometabolic Traits and Type 2 Diabetes. <i>Journal of the American College of Cardiology</i> , 2019, 74, 2162-2174.	2.8	28
30	MECHANISMS IN ENDOCRINOLOGY: Parity and risk of type 2 diabetes: a systematic review and dose-response meta-analysis. <i>European Journal of Endocrinology</i> , 2016, 175, R231-R245.	3.7	27
31	Inverse Association of Plasma Chromium Levels with Newly Diagnosed Type 2 Diabetes: A Case-Control Study. <i>Nutrients</i> , 2017, 9, 294.	4.1	27
32	Glutathione S-Transferase T1 (GSTT1) Null Polymorphism, Smoking, and Their Interaction in Coronary Heart Disease: A Comprehensive Meta-Analysis. <i>Heart Lung and Circulation</i> , 2017, 26, 362-370.	0.4	24
33	Heme oxygenase-1 attenuates low-dose of deoxynivalenol-induced liver inflammation potentially associating with microbiota. <i>Toxicology and Applied Pharmacology</i> , 2019, 374, 20-31.	2.8	24
34	Plant- and animal-based diet quality and mortality among US adults: a cohort study. <i>British Journal of Nutrition</i> , 2021, 125, 1405-1415.	2.3	24
35	Association of Plasma Magnesium with Prediabetes and Type 2 Diabetes Mellitus in Adults. <i>Scientific Reports</i> , 2017, 7, 12763.	3.3	20
36	Diverse Associations of Plasma Selenium Concentrations and SELENOP Gene Polymorphism with Metabolic Syndrome and Its Components. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-11.	4.0	19

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37	Inverse Association of Plasma Vanadium Levels with Newly Diagnosed Type 2 Diabetes in a Chinese Population. <i>American Journal of Epidemiology</i> , 2014, 180, 378-384.	3.4	17
38	Flaxseed oil containing flaxseed oil ester of plant sterol attenuates high-fat diet-induced hepatic steatosis in apolipoprotein-E knockout mice. <i>Journal of Functional Foods</i> , 2015, 13, 169-182.	3.4	12
39	Associations of urinary perchlorate, nitrate and thiocyanate with central sensitivity to thyroid hormones: A US population-based cross-sectional study. <i>Environment International</i> , 2022, 164, 107249.	10.0	11
40	U-shaped association between plasma cobalt levels and type 2 diabetes. <i>Chemosphere</i> , 2021, 267, 129224.	8.2	10
41	Associations of lower-carbohydrate and lower-fat diets with mortality among people with prediabetes. <i>American Journal of Clinical Nutrition</i> , 2022, 116, 206-215.	4.7	9
42	Objectively measured sedentary time, physical activity and liver enzyme elevations in US Hispanics/Latinos. <i>Liver International</i> , 2020, 40, 1883-1894.	3.9	7
43	An updated meta-analysis showed smoking modify the association of <i>GSTM1</i> null genotype on the risk of coronary heart disease. <i>Bioscience Reports</i> , 2021, 41, .	2.4	5
44	Associations of Moderate Low-Carbohydrate Diets With Mortality Among Patients With Type 2 Diabetes: A Prospective Cohort Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e2702-e2709.	3.6	5
45	Vitamin D status, genetic factors, and risks of cardiovascular disease among individuals with type 2 diabetes: a prospective study. <i>American Journal of Clinical Nutrition</i> , 2022, 116, 1389-1399.	4.7	5
46	Association of plasma chromium with metabolic syndrome among Chinese adults: a case-control study. <i>Nutrition Journal</i> , 2020, 19, 107.	3.4	4
47	Association of plasma β -amyloid 40 and 42 concentration with type 2 diabetes among Chinese adults. <i>Diabetologia</i> , 2020, 63, 954-963.	6.3	4
48	Trends in dietary macronutrient composition and diet quality among US adults with diagnosed and undiagnosed elevated glycemic status: a serial cross-sectional study. <i>American Journal of Clinical Nutrition</i> , 2022, 115, 1602-1611.	4.7	3
49	Estimated economic burden of cancer associated with suboptimal diet in the United States. <i>Cancer Causes and Control</i> , 2022, 33, 73-80.	1.8	2
50	A Functional Variant in SEPP1 Interacts With Plasma Selenium Concentrations on 3-Year Lipid Changes: A Prospective Cohort Study. <i>Frontiers in Nutrition</i> , 2021, 8, 789577.	3.7	2
51	Higher Levels of Urinary Thiocyanate, a Biomarker of Cruciferous Vegetable Intake, Were Associated With Lower Risks of Cardiovascular Disease and All-Cause Mortality Among Non-smoking Subjects. <i>Frontiers in Nutrition</i> , 0, 9, .	3.7	2
52	DHPPA, a major plasma alkylresorcinol metabolite reflecting whole-grain wheat and rye intake, and risk of metabolic syndrome: a case-control study. <i>European Journal of Nutrition</i> , 2022, , 1.	3.9	1
53	Authors' reply to Skovenborg and Manfredini and colleagues. <i>BMJ: British Medical Journal</i> , 2019, 364, l179.	2.3	0
54	Association of Plasma β -amyloid 40 and 42 Concentration with Type 2 Diabetes Among Chinese Adults. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa040_064.	0.3	0

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55	The Assessment of Different Diets and Mortality Fails to Address Unmeasured Confoundingâ€”Reply. JAMA Internal Medicine, 2021, 181, 138.	5.1	0