

# Qi Sun,, ScD

## List of Publications by Citations

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199  
papers

14,607  
citations

68  
h-index

117  
g-index

222  
ext. papers

18,105  
ext. citations

8.6  
avg, IF

6.63  
L-index

#	Paper	IF	Citations
199	Meta-analysis of prospective cohort studies evaluating the association of saturated fat with cardiovascular disease. <i>American Journal of Clinical Nutrition</i> , <b>2010</b> , 91, 535-46	7	807
198	Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. <i>Nature Genetics</i> , <b>2014</b> , 46, 234-44	36.3	784
197	Red meat consumption and risk of type 2 diabetes: 3 cohorts of US adults and an updated meta-analysis. <i>American Journal of Clinical Nutrition</i> , <b>2011</b> , 94, 1088-96	7	447
196	Major dietary protein sources and risk of coronary heart disease in women. <i>Circulation</i> , <b>2010</b> , 122, 876-83	16.7	442
195	An Expanded Genome-Wide Association Study of Type 2 Diabetes in Europeans. <i>Diabetes</i> , <b>2017</b> , 66, 2888-2902	29.0	414
194	Saturated fat, carbohydrate, and cardiovascular disease. <i>American Journal of Clinical Nutrition</i> , <b>2010</b> , 91, 502-9	7	364
193	Dietary flavonoid intakes and risk of type 2 diabetes in US men and women. <i>American Journal of Clinical Nutrition</i> , <b>2012</b> , 95, 925-33	7	362
192	Plant-Based Dietary Patterns and Incidence of Type 2 Diabetes in US Men and Women: Results from Three Prospective Cohort Studies. <i>PLoS Medicine</i> , <b>2016</b> , 13, e1002039	11.6	321
191	Dietary linoleic acid and risk of coronary heart disease: a systematic review and meta-analysis of prospective cohort studies. <i>Circulation</i> , <b>2014</b> , 130, 1568-78	16.7	317
190	Determinants and Consequences of Obesity. <i>American Journal of Public Health</i> , <b>2016</b> , 106, 1656-62	5.1	310
189	Fruit consumption and risk of type 2 diabetes: results from three prospective longitudinal cohort studies. <i>BMJ, The</i> , <b>2013</b> , 347, f5001	5.9	299
188	White rice, brown rice, and risk of type 2 diabetes in US men and women. <i>Archives of Internal Medicine</i> , <b>2010</b> , 170, 961-9		298
187	Comparison between plasma and erythrocyte fatty acid content as biomarkers of fatty acid intake in US women. <i>American Journal of Clinical Nutrition</i> , <b>2007</b> , 86, 74-81	7	296
186	Genetic fine mapping and genomic annotation defines causal mechanisms at type 2 diabetes susceptibility loci. <i>Nature Genetics</i> , <b>2015</b> , 47, 1415-25	36.3	292
185	Linolenic acid and risk of cardiovascular disease: a systematic review and meta-analysis. <i>American Journal of Clinical Nutrition</i> , <b>2012</b> , 96, 1262-73	7	228
184	Dairy consumption and risk of type 2 diabetes: 3 cohorts of US adults and an updated meta-analysis. <i>BMC Medicine</i> , <b>2014</b> , 12, 215	11.4	214
183	Saturated fatty acids and risk of coronary heart disease: modulation by replacement nutrients. <i>Current Atherosclerosis Reports</i> , <b>2010</b> , 12, 384-90	6	214

182	A prospective study of trans fatty acids in erythrocytes and risk of coronary heart disease. <i>Circulation</i> , <b>2007</b> , 115, 1858-65	16.7	183
181	Plasma Ceramides, Mediterranean Diet, and Incident Cardiovascular Disease in the PREDIMED Trial (Prevención con Dieta Mediterránea). <i>Circulation</i> , <b>2017</b> , 135, 2028-2040	16.7	161
180	Changes in red meat consumption and subsequent risk of type 2 diabetes mellitus: three cohorts of US men and women. <i>JAMA Internal Medicine</i> , <b>2013</b> , 173, 1328-35	11.5	153
179	Plasma 25-hydroxyvitamin D concentration and risk of incident type 2 diabetes in women. <i>Diabetes Care</i> , <b>2010</b> , 33, 2021-3	14.6	153
178	Association of urinary concentrations of bisphenol A and phthalate metabolites with risk of type 2 diabetes: a prospective investigation in the NursesRHealth Study (NHS) and NHSII cohorts. <i>Environmental Health Perspectives</i> , <b>2014</b> , 122, 616-23	8.4	152
177	Mediterranean diet and telomere length in NursesRHealth Study: population based cohort study. <i>BMJ, The</i> , <b>2014</b> , 349, g6674	5.9	151
176	Omega-6 fatty acid biomarkers and incident type 2 diabetes: pooled analysis of individual-level data for 39 740 adults from 20 prospective cohort studies. <i>Lancet Diabetes and Endocrinology,the</i> , <b>2017</b> , 5, 965-974	18.1	150
175	Total and high-molecular-weight adiponectin and resistin in relation to the risk for type 2 diabetes in women. <i>Annals of Internal Medicine</i> , <b>2008</b> , 149, 307-16	8	149
174	Association of Coffee Consumption With Total and Cause-Specific Mortality in 3 Large Prospective Cohorts. <i>Circulation</i> , <b>2015</b> , 132, 2305-15	16.7	135
173	Whole Grain Intake and Mortality From All Causes, Cardiovascular Disease, and Cancer: A Meta-Analysis of Prospective Cohort Studies. <i>Circulation</i> , <b>2016</b> , 133, 2370-80	16.7	131
172	Comparison of dual-energy x-ray absorptiometric and anthropometric measures of adiposity in relation to adiposity-related biologic factors. <i>American Journal of Epidemiology</i> , <b>2010</b> , 172, 1442-54	3.8	131
171	Dietary Polyphenols, Mediterranean Diet, Prediabetes, and Type 2 Diabetes: A Narrative Review of the Evidence. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2017</b> , 2017, 6723931	6.7	128
170	Prospective study of zinc intake and risk of type 2 diabetes in women. <i>Diabetes Care</i> , <b>2009</b> , 32, 629-34	14.6	124
169	25-Hydroxyvitamin D levels and the risk of stroke: a prospective study and meta-analysis. <i>Stroke</i> , <b>2012</b> , 43, 1470-7	6.7	124
168	Association between dietary whole grain intake and risk of mortality: two large prospective studies in US men and women. <i>JAMA Internal Medicine</i> , <b>2015</b> , 175, 373-84	11.5	123
167	Plasma and erythrocyte biomarkers of dairy fat intake and risk of ischemic heart disease. <i>American Journal of Clinical Nutrition</i> , <b>2007</b> , 86, 929-37	7	123
166	Endocrine-disrupting chemicals, risk of type 2 diabetes, and diabetes-related metabolic traits: A systematic review and meta-analysis. <i>Journal of Diabetes</i> , <b>2016</b> , 8, 516-32	3.8	120
165	Persistent organic pollutants and type 2 diabetes: a prospective analysis in the nursesRhealth study and meta-analysis. <i>Environmental Health Perspectives</i> , <b>2013</b> , 121, 153-61	8.4	119

164	Biomarkers of Dietary Omega-6 Fatty Acids and Incident Cardiovascular Disease and Mortality. <i>Circulation</i> , <b>2019</b> , 139, 2422-2436	16.7	118
163	Healthy lifestyle and life expectancy free of cancer, cardiovascular disease, and type 2 diabetes: prospective cohort study. <i>BMJ, The</i> , <b>2020</b> , 368, l6669	5.9	118
162	Effects of caffeinated and decaffeinated coffee on biological risk factors for type 2 diabetes: a randomized controlled trial. <i>Nutrition Journal</i> , <b>2011</b> , 10, 93	4.3	117
161	Walnut consumption is associated with lower risk of type 2 diabetes in women. <i>Journal of Nutrition</i> , <b>2013</b> , 143, 512-8	4.1	116
160	Intake of individual saturated fatty acids and risk of coronary heart disease in US men and women: two prospective longitudinal cohort studies. <i>BMJ, The</i> , <b>2016</b> , 355, i5796	5.9	113
159	Blood concentrations of individual long-chain n-3 fatty acids and risk of nonfatal myocardial infarction. <i>American Journal of Clinical Nutrition</i> , <b>2008</b> , 88, 216-23	7	106
158	Physical activity at midlife in relation to successful survival in women at age 70 years or older. <i>Archives of Internal Medicine</i> , <b>2010</b> , 170, 194-201		105
157	Smoking Cessation, Weight Change, Type 2 Diabetes, and Mortality. <i>New England Journal of Medicine</i> , <b>2018</b> , 379, 623-632	59.2	103
156	Long term gluten consumption in adults without celiac disease and risk of coronary heart disease: prospective cohort study. <i>BMJ, The</i> , <b>2017</b> , 357, j1892	5.9	100
155	Prevalence and risk factors of taste and smell impairment in a nationwide representative sample of the US population: a cross-sectional study. <i>BMJ Open</i> , <b>2016</b> , 6, e013246	3	99
154	Fried-food consumption and risk of type 2 diabetes and coronary artery disease: a prospective study in 2 cohorts of US women and men. <i>American Journal of Clinical Nutrition</i> , <b>2014</b> , 100, 667-75	7	97
153	The association between dietary patterns at midlife and health in aging: an observational study. <i>Annals of Internal Medicine</i> , <b>2013</b> , 159, 584-91	8	95
152	Fatty acid biomarkers of dairy fat consumption and incidence of type 2 diabetes: A pooled analysis of prospective cohort studies. <i>PLoS Medicine</i> , <b>2018</b> , 15, e1002670	11.6	89
151	Association Between Plant-Based Dietary Patterns and Risk of Type 2 Diabetes: A Systematic Review and Meta-analysis. <i>JAMA Internal Medicine</i> , <b>2019</b> , 179, 1335-1344	11.5	88
150	Nut Consumption and Risk of Cardiovascular Disease. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 70, 2519-2532	15.1	85
149	Healthy lifestyle and leukocyte telomere length in U.S. women. <i>PLoS ONE</i> , <b>2012</b> , 7, e38374	3.7	83
148	Perfluoroalkyl substances and changes in body weight and resting metabolic rate in response to weight-loss diets: A prospective study. <i>PLoS Medicine</i> , <b>2018</b> , 15, e1002502	11.6	81
147	Plasma retinol-binding protein 4 (RBP4) levels and risk of coronary heart disease: a prospective analysis among women in the nursesRhealth study. <i>Circulation</i> , <b>2013</b> , 127, 1938-47	16.7	79

146	Diet, Lifestyle, Biomarkers, Genetic Factors, and Risk of Cardiovascular Disease in the NursesR Health Studies. <i>American Journal of Public Health</i> , <b>2016</b> , 106, 1616-23	5.1	79
145	Increased Nut Consumption and Subsequent Cardiovascular Disease Risk Among U.S. Men and Women: Three Large Prospective Cohort Studies (OR17-08-19). <i>Current Developments in Nutrition</i> , <b>2019</b> , 3,	0.4	78
144	Plasma Phospholipid Polyunsaturated Fatty Acids Across Pregnancy in Relation to Neonatal Size and Adiposity: A Longitudinal Study Within the NICHD Fetal Growth Studies (P11-038-19). <i>Current Developments in Nutrition</i> , <b>2019</b> , 3,	0.4	78
143	Methyl Donor Nutrient Intake and Risk of Type 2 Diabetes: Results from 3 Large US Cohorts (OR15-02-19). <i>Current Developments in Nutrition</i> , <b>2019</b> , 3,	0.4	78
142	Bisphenol A substitutes and obesity in US adults: analysis of a population-based, cross-sectional study. <i>Lancet Planetary Health, The</i> , <b>2017</b> , 1, e114-e122	9.8	78
141	Grand-Maternal Lifestyle During Pregnancy and Anthropometric Characteristics in Adolescence and Young Adulthood: An Intergenerational Cohort Study. <i>Current Developments in Nutrition</i> , <b>2020</b> , 4, 976-976	0.4	78
140	Consumption of Total Olive Oil and Risk of Total and Cause-Specific Mortality in US Adults. <i>Current Developments in Nutrition</i> , <b>2021</b> , 5, 1036-1036	0.4	78
139	Potato Consumption and Risk of Type 2 Diabetes: Results From Three Prospective Cohort Studies. <i>Diabetes Care</i> , <b>2016</b> , 39, 376-84	14.6	76
138	Gut microbiota metabolites of dietary lignans and risk of type 2 diabetes: a prospective investigation in two cohorts of U.S. women. <i>Diabetes Care</i> , <b>2014</b> , 37, 1287-95	14.6	73
137	Plasma Concentrations of Perfluoroalkyl Substances and Risk of Type 2 Diabetes: A Prospective Investigation among U.S. Women. <i>Environmental Health Perspectives</i> , <b>2018</b> , 126, 037001	8.4	73
136	Genomewide meta-analysis identifies loci associated with IGF-I and IGFBP-3 levels with impact on age-related traits. <i>Aging Cell</i> , <b>2016</b> , 15, 811-24	9.9	71
135	Plasma levels of fetuin-A and hepatic enzymes and risk of type 2 diabetes in women in the U.S. <i>Diabetes</i> , <b>2013</b> , 62, 49-55	0.9	69
134	Association Between Healthy Eating Patterns and Risk of Cardiovascular Disease. <i>JAMA Internal Medicine</i> , <b>2020</b> , 180, 1090-1100	11.5	68
133	Adiposity and weight change in mid-life in relation to healthy survival after age 70 in women: prospective cohort study. <i>BMJ, The</i> , <b>2009</b> , 339, b3796	5.9	68
132	Vitamin D intake and risk of cardiovascular disease in US men and women. <i>American Journal of Clinical Nutrition</i> , <b>2011</b> , 94, 534-42	7	68
131	Leptin and soluble leptin receptor levels in plasma and risk of type 2 diabetes in U.S. women: a prospective study. <i>Diabetes</i> , <b>2010</b> , 59, 611-8	0.9	67
130	Influence of Lifestyle on Incident Cardiovascular Disease and Mortality in Patients With Diabetes Mellitus. <i>Journal of the American College of Cardiology</i> , <b>2018</b> , 71, 2867-2876	15.1	63
129	Genome-wide association study identifies polymorphisms in LEPR as determinants of plasma soluble leptin receptor levels. <i>Human Molecular Genetics</i> , <b>2010</b> , 19, 1846-55	5.6	63

128	Development and validation of anthropometric prediction equations for lean body mass, fat mass and percent fat in adults using the National Health and Nutrition Examination Survey (NHANES) 1999-2006. <i>British Journal of Nutrition</i> , <b>2017</b> , 118, 858-866	3.6	62
127	Reproducibility of urinary biomarkers in multiple 24-h urine samples. <i>American Journal of Clinical Nutrition</i> , <b>2017</b> , 105, 159-168	7	57
126	Plasma Levels of Fatty Acid-Binding Protein 4, Retinol-Binding Protein 4, High-Molecular-Weight Adiponectin, and Cardiovascular Mortality Among Men With Type 2 Diabetes: A 22-Year Prospective Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2016</b> , 36, 2259-2267	9.4	55
125	Associations of erythrocyte palmitoleic acid with adipokines, inflammatory markers, and the metabolic syndrome in middle-aged and older Chinese. <i>American Journal of Clinical Nutrition</i> , <b>2012</b> , 96, 970-6	7	54
124	Dairy consumption, type 2 diabetes, and changes in cardiometabolic traits: a prospective cohort study of middle-aged and older Chinese in Beijing and Shanghai. <i>Diabetes Care</i> , <b>2014</b> , 37, 56-63	14.6	53
123	Impact of the adipokine adiponectin and the hepatokine fetuin-A on the development of type 2 diabetes: prospective cohort- and cross-sectional phenotyping studies. <i>PLoS ONE</i> , <b>2014</b> , 9, e92238	3.7	53
122	Changes in Overall Diet Quality and Subsequent Type 2 Diabetes Risk: Three U.S. Prospective Cohorts. <i>Diabetes Care</i> , <b>2016</b> , 39, 2011-2018	14.6	52
121	Association of Bisphenol A and Its Substitutes, Bisphenol F and Bisphenol S, with Obesity in United States Children and Adolescents. <i>Diabetes and Metabolism Journal</i> , <b>2019</b> , 43, 59-75	5	51
120	Association between maternal adherence to healthy lifestyle practices and risk of obesity in offspring: results from two prospective cohort studies of mother-child pairs in the United States. <i>BMJ, The</i> , <b>2018</b> , 362, k2486	5.9	50
119	Changes in Plant-Based Diet Quality and Total and Cause-Specific Mortality. <i>Circulation</i> , <b>2019</b> , 140, 979-987	11.7	49
118	Genome-wide studies of verbal declarative memory in nondemented older people: the Cohorts for Heart and Aging Research in Genomic Epidemiology consortium. <i>Biological Psychiatry</i> , <b>2015</b> , 77, 749-63	7.9	48
117	Circulating Very-Long-Chain Saturated Fatty Acids and Incident Coronary Heart Disease in US Men and Women. <i>Circulation</i> , <b>2015</b> , 132, 260-8	16.7	47
116	Monounsaturated fats from plant and animal sources in relation to risk of coronary heart disease among US men and women. <i>American Journal of Clinical Nutrition</i> , <b>2018</b> , 107, 445-453	7	46
115	Contribution of the NursesRHealth Studies to Uncovering Risk Factors for Type 2 Diabetes: Diet, Lifestyle, Biomarkers, and Genetics. <i>American Journal of Public Health</i> , <b>2016</b> , 106, 1624-30	5.1	46
114	Tap Water Contributions to Plasma Concentrations of Poly- and Perfluoroalkyl Substances (PFAS) in a Nationwide Prospective Cohort of U.S. Women. <i>Environmental Health Perspectives</i> , <b>2019</b> , 127, 67006	8.4	45
113	Calcium supplement intake and risk of cardiovascular disease in women. <i>Osteoporosis International</i> , <b>2014</b> , 25, 2047-56	5.3	45
112	Long-Term Changes in Gut Microbial Metabolite Trimethylamine N-Oxide and Coronary Heart Disease Risk. <i>Journal of the American College of Cardiology</i> , <b>2020</b> , 75, 763-772	15.1	43
111	Consumption of Meals Prepared at Home and Risk of Type 2 Diabetes: An Analysis of Two Prospective Cohort Studies. <i>PLoS Medicine</i> , <b>2016</b> , 13, e1002052	11.6	43

110	Alcohol consumption at midlife and successful ageing in women: a prospective cohort analysis in the nursesRhealth study. <i>PLoS Medicine</i> , <b>2011</b> , 8, e1001090	11.6	41
109	Rice consumption and risk of cardiovascular disease: results from a pooled analysis of 3 U.S. cohorts. <i>American Journal of Clinical Nutrition</i> , <b>2015</b> , 101, 164-72	7	40
108	Olive Oil Consumption and Cardiovascular Risk in U.S. Adults. <i>Journal of the American College of Cardiology</i> , <b>2020</b> , 75, 1729-1739	15.1	40
107	Persistent organic pollutants and risk of type 2 diabetes: A prospective investigation among middle-aged women in NursesRhealth Study II. <i>Environment International</i> , <b>2018</b> , 114, 334-342	12.9	39
106	Nut Consumption in Relation to Cardiovascular Disease Incidence and Mortality Among Patients With Diabetes Mellitus. <i>Circulation Research</i> , <b>2019</b> , 124, 920-929	15.7	39
105	Intake of whole grain foods and risk of type 2 diabetes: results from three prospective cohort studies. <i>BMJ, The</i> , <b>2020</b> , 370, m2206	5.9	37
104	Urinary Excretion of Select Dietary Polyphenol Metabolites Is Associated with a Lower Risk of Type 2 Diabetes in Proximate but Not Remote Follow-Up in a Prospective Investigation in 2 Cohorts of US Women. <i>Journal of Nutrition</i> , <b>2015</b> , 145, 1280-8	4.1	37
103	Fruit and Vegetable Intake and Mortality: Results From 2 Prospective Cohort Studies of US Men and Women and a Meta-Analysis of 26 Cohort Studies. <i>Circulation</i> , <b>2021</b> , 143, 1642-1654	16.7	37
102	Associations of Monounsaturated Fatty Acids From Plant and Animal Sources With Total and Cause-Specific Mortality in Two US Prospective Cohort Studies. <i>Circulation Research</i> , <b>2019</b> , 124, 1266-1275	15.7	34
101	Dietary flavonoid intake at midlife and healthy aging in women. <i>American Journal of Clinical Nutrition</i> , <b>2014</b> , 100, 1489-97	7	33
100	Genetic loci associated with circulating phospholipid trans fatty acids: a meta-analysis of genome-wide association studies from the CHARGE Consortium. <i>American Journal of Clinical Nutrition</i> , <b>2015</b> , 101, 398-406	7	33
99	Blood n-3 fatty acid levels and total and cause-specific mortality from 17 prospective studies. <i>Nature Communications</i> , <b>2021</b> , 12, 2329	17.4	33
98	Dietary fatty acids modulate associations between genetic variants and circulating fatty acids in plasma and erythrocyte membranes: Meta-analysis of nine studies in the CHARGE consortium. <i>Molecular Nutrition and Food Research</i> , <b>2015</b> , 59, 1373-83	5.9	32
97	Total and regional adiposity measured by dual-energy X-ray absorptiometry and mortality in NHANES 1999-2006. <i>Obesity</i> , <b>2016</b> , 24, 2414-2421	8	31
96	Overall and class-specific scores of pesticide residues from fruits and vegetables as a tool to rank intake of pesticide residues in United States: A validation study. <i>Environment International</i> , <b>2016</b> , 92-93, 294-300	12.9	30
95	Sex differences, endogenous sex-hormone hormones, sex-hormone binding globulin, and exogenous disruptors in diabetes and related metabolic outcomes. <i>Journal of Diabetes</i> , <b>2018</b> , 10, 428-441	3.8	29
94	Excessive body iron stores are not associated with risk of coronary heart disease in women. <i>Journal of Nutrition</i> , <b>2008</b> , 138, 2436-41	4.1	29
93	Isoflavone Intake and the Risk of Coronary Heart Disease in US Men and Women: Results From 3 Prospective Cohort Studies. <i>Circulation</i> , <b>2020</b> , 141, 1127-1137	16.7	28

92	Urinary isoflavonoids and risk of type 2 diabetes: a prospective investigation in US women. <i>British Journal of Nutrition</i> , <b>2015</b> , 114, 1694-701	3.6	28
91	Citrus consumption and risk of basal cell carcinoma and squamous cell carcinoma of the skin. <i>Carcinogenesis</i> , <b>2015</b> , 36, 1162-8	4.6	27
90	Erythrocyte n-3 fatty acids and metabolic syndrome in middle-aged and older Chinese. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2012</b> , 97, E973-7	5.6	26
89	Associations Between Linoleic Acid Intake and Incident Type 2 Diabetes Among U.S. Men and Women. <i>Diabetes Care</i> , <b>2019</b> , 42, 1406-1413	14.6	25
88	Cross-sectional association between sugar-sweetened beverage intake and cardiometabolic biomarkers in US women. <i>British Journal of Nutrition</i> , <b>2018</b> , 119, 570-580	3.6	25
87	Dietary fats and mortality among patients with type 2 diabetes: analysis in two population based cohort studies. <i>BMJ, The</i> , <b>2019</b> , 366, l4009	5.9	25
86	Type 2 Diabetes in Relation to the Risk of Renal Cell Carcinoma Among Men and Women in Two Large Prospective Cohort Studies. <i>Diabetes Care</i> , <b>2018</b> , 41, 1432-1437	14.6	23
85	Gluten intake and risk of type 2 diabetes in three large prospective cohort studies of US men and women. <i>Diabetologia</i> , <b>2018</b> , 61, 2164-2173	10.3	22
84	Whole Grain Consumption and Risk of Ischemic Stroke: Results From 2 Prospective Cohort Studies. <i>Stroke</i> , <b>2017</b> , 48, 3203-3209	6.7	22
83	Effects of body fat on the associations of high-molecular-weight adiponectin, leptin and soluble leptin receptor with metabolic syndrome in Chinese. <i>PLoS ONE</i> , <b>2011</b> , 6, e16818	3.7	22
82	PFAS concentration during pregnancy in relation to cardiometabolic health and birth outcomes. <i>Environmental Research</i> , <b>2021</b> , 192, 110287	7.9	22
81	Association of Birth by Cesarean Delivery With Obesity and Type 2 Diabetes Among Adult Women. <i>JAMA Network Open</i> , <b>2020</b> , 3, e202605	10.4	21
80	Comparison of questionnaire-based estimation of pesticide residue intake from fruits and vegetables with urinary concentrations of pesticide biomarkers. <i>Journal of Exposure Science and Environmental Epidemiology</i> , <b>2018</b> , 28, 31-39	6.7	20
79	Associations of leg fat accumulation with adiposity-related biological factors and risk of metabolic syndrome. <i>Obesity</i> , <b>2013</b> , 21, 824-30	8	20
78	Lifestyle of women before pregnancy and the risk of offspring obesity during childhood through early adulthood. <i>International Journal of Obesity</i> , <b>2018</b> , 42, 1275-1284	5.5	19
77	Meat Cooking Methods and Risk of Type 2 Diabetes: Results From Three Prospective Cohort Studies. <i>Diabetes Care</i> , <b>2018</b> , 41, 1049-1060	14.6	19
76	Circulating persistent organic pollutants and body fat distribution: Evidence from NHANES 1999-2004. <i>Obesity</i> , <b>2015</b> , 23, 1903-10	8	19
75	Smoking cessation and weight change in relation to cardiovascular disease incidence and mortality in people with type 2 diabetes: a population-based cohort study. <i>Lancet Diabetes and Endocrinology, the</i> , <b>2020</b> , 8, 125-133	18.1	18



74	Fatty acids in the de novo lipogenesis pathway and incidence of type 2 diabetes: A pooled analysis of prospective cohort studies. <i>PLoS Medicine</i> , <b>2020</b> , 17, e1003102	11.6	17
73	Associations of Perfluoroalkyl substances with blood lipids and Apolipoproteins in lipoprotein subspecies: the POUNDS-lost study. <i>Environmental Health</i> , <b>2020</b> , 19, 5	6	17
72	Interaction between a common variant in FADS1 and erythrocyte polyunsaturated fatty acids on lipid profile in Chinese Hans. <i>Journal of Lipid Research</i> , <b>2013</b> , 54, 1477-83	6.3	17
71	Dietary glucosinolates and risk of type 2 diabetes in 3 prospective cohort studies. <i>American Journal of Clinical Nutrition</i> , <b>2018</b> , 107, 617-625	7	16
70	Adiposity throughout adulthood and risk of sudden cardiac death in women. <i>JACC: Clinical Electrophysiology</i> , <b>2015</b> , 1, 520-528	4.6	16
69	Plasma levels of fetuin-A and risk of coronary heart disease in US women: the NursesRHealth Study. <i>Journal of the American Heart Association</i> , <b>2014</b> , 3, e000939	6	16
68	Association between alcohol consumption and plasma fetuin-A and its contribution to incident type 2 diabetes in women. <i>Diabetologia</i> , <b>2014</b> , 57, 93-101	10.3	16
67	Replacing the consumption of red meat with other major dietary protein sources and risk of type 2 diabetes mellitus: a prospective cohort study. <i>American Journal of Clinical Nutrition</i> , <b>2021</b> , 113, 612-621	7	16
66	Changes in BMI before and during economic development and subsequent risk of cardiovascular disease and total mortality: a 35-year follow-up study in China. <i>Diabetes Care</i> , <b>2014</b> , 37, 2540-7	14.6	15
65	A novel fatty acid lipophilic index and risk of CHD in US men: the health professionals follow-up study. <i>British Journal of Nutrition</i> , <b>2013</b> , 110, 466-74	3.6	15
64	24-Hour Urinary Sodium and Potassium Excretion and Cardiovascular Risk. <i>New England Journal of Medicine</i> , <b>2021</b> ,	59.2	15
63	Association between intake of fruits and vegetables by pesticide residue status and coronary heart disease risk. <i>Environment International</i> , <b>2019</b> , 132, 105113	12.9	14
62	Dairy fat intake and risk of type 2 diabetes in 3 cohorts of US men and women. <i>American Journal of Clinical Nutrition</i> , <b>2019</b> , 110, 1192-1200	7	14
61	Inverse Association between Organic Food Purchase and Diabetes Mellitus in US Adults. <i>Nutrients</i> , <b>2018</b> , 10,	6.7	14
60	Association between plasma trans-fatty acid concentrations and diabetes in a nationally representative sample of US adults. <i>Journal of Diabetes</i> , <b>2018</b> , 10, 653-664	3.8	13
59	Perfluoroalkyl substances and changes in bone mineral density: A prospective analysis in the POUNDS-LOST study. <i>Environmental Research</i> , <b>2019</b> , 179, 108775	7.9	13
58	Lactation history, serum concentrations of persistent organic pollutants, and maternal risk of diabetes. <i>Environmental Research</i> , <b>2016</b> , 150, 282-288	7.9	13
57	Cooking Methods for Red Meats and Risk of Type 2 Diabetes: A Prospective Study of U.S. Women. <i>Diabetes Care</i> , <b>2017</b> , 40, 1041-1049	14.6	12

56	Association of diet with circulating trimethylamine-N-oxide concentration. <i>American Journal of Clinical Nutrition</i> , <b>2020</b> , 112, 1448-1455	7	12
55	n-3 Fatty Acid Biomarkers and Incident Type 2 Diabetes: An Individual Participant-Level Pooling Project of 20 Prospective Cohort Studies. <i>Diabetes Care</i> , <b>2021</b> , 44, 1133-1142	14.6	12
54	Type 2 Diabetes Prevention Diet and Hepatocellular Carcinoma Risk in US Men and Women. <i>American Journal of Gastroenterology</i> , <b>2019</b> , 114, 1870-1877	0.7	12
53	Plant-Based Meat and Dairy Substitutes as Appropriate Alternatives to Animal-Based Products?. <i>Journal of Nutrition</i> , <b>2021</b> , 151, 3-4	4.1	11
52	Adult height, dietary patterns, and healthy aging. <i>American Journal of Clinical Nutrition</i> , <b>2017</b> , 106, 589-596		10
51	Plasma Retinol-Binding Protein 4 Levels and the Risk of Ischemic Stroke among Women. <i>Journal of Stroke and Cerebrovascular Diseases</i> , <b>2018</b> , 27, 68-75	2.8	10
50	Elevated plasma tumor necrosis factor- $\alpha$ receptor 2 and resistin are associated with increased incidence of kidney function decline in Chinese adults. <i>Endocrine</i> , <b>2016</b> , 52, 541-9	4	10
49	Metabolomic Signatures of Long-term Coffee Consumption and Risk of Type 2 Diabetes in Women. <i>Diabetes Care</i> , <b>2020</b> , 43, 2588-2596	14.6	10
48	Gut microbiota-derived metabolites and risk of coronary artery disease: a prospective study among US men and women. <i>American Journal of Clinical Nutrition</i> , <b>2021</b> , 114, 238-247	7	10
47	Interplay between diet and gut microbiome, and circulating concentrations of trimethylamine N-oxide: findings from a longitudinal cohort of US men. <i>Gut</i> , <b>2021</b> ,	19.2	10
46	Genome-wide association meta-analysis of circulating odd-numbered chain saturated fatty acids: Results from the CHARGE Consortium. <i>PLoS ONE</i> , <b>2018</b> , 13, e0196951	3.7	10
45	Joint Effects of PON1 Polymorphisms and Vegetable Intake on Ischemic Stroke: A Family-Based Case Control Study. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	9
44	Associations of Menstrual Cycle Characteristics Across the Reproductive Life Span and Lifestyle Factors With Risk of Type 2 Diabetes. <i>JAMA Network Open</i> , <b>2020</b> , 3, e2027928	10.4	9
43	Detection of genetic loci associated with plasma fetuin-A: a meta-analysis of genome-wide association studies from the CHARGE Consortium. <i>Human Molecular Genetics</i> , <b>2017</b> , 26, 2156-2163	5.6	8
42	Consumption of Olive Oil and Risk of Total and Cause-Specific Mortality Among U.S. Adults.. <i>Journal of the American College of Cardiology</i> , <b>2022</b> , 79, 101-112	15.1	8
41	Nickel exposure and prevalent albuminuria and $\beta$ -microglobulinuria: evidence from a population-based study. <i>Journal of Epidemiology and Community Health</i> , <b>2016</b> , 70, 437-43	5.1	8
40	Erythrocyte PUFAs, circulating acylcarnitines, and metabolic syndrome risk: a prospective study in Chinese. <i>Journal of Lipid Research</i> , <b>2019</b> , 60, 421-429	6.3	8
39	Circulating Very-Long-Chain SFA Concentrations Are Inversely Associated with Incident Type 2 Diabetes in US Men and Women. <i>Journal of Nutrition</i> , <b>2020</b> , 150, 340-349	4.1	8

38	Biomarkers of dairy fat intake, incident cardiovascular disease, and all-cause mortality: A cohort study, systematic review, and meta-analysis. <i>PLoS Medicine</i> , <b>2021</b> , 18, e1003763	11.6	8
37	Exposure to perchlorate, nitrate and thiocyanate, and prevalence of diabetes mellitus. <i>International Journal of Epidemiology</i> , <b>2017</b> , 46, 1913-1923	7.8	7
36	Intake of glucosinolates and risk of coronary heart disease in three large prospective cohorts of US men and women. <i>Clinical Epidemiology</i> , <b>2018</b> , 10, 749-762	5.9	7
35	Joint effects of fatty acid desaturase 1 polymorphisms and dietary polyunsaturated fatty acid intake on circulating fatty acid proportions. <i>American Journal of Clinical Nutrition</i> , <b>2018</b> , 107, 826-833	7	6
34	Long-term Intake of Gluten and Cognitive Function Among US Women. <i>JAMA Network Open</i> , <b>2021</b> , 4, e2113020	10.4	6
33	Association of the Mediterranean Diet With Onset of Diabetes in the Women's Health Study. <i>JAMA Network Open</i> , <b>2020</b> , 3, e2025466	10.4	6
32	Associations of Amino Acid and Acylcarnitine Profiles With Incident Hyperuricemia in Middle-Aged and Older Chinese Individuals. <i>Arthritis Care and Research</i> , <b>2020</b> , 72, 1305-1314	4.7	5
31	Maternal triacylglycerol signature and risk of food allergy in offspring. <i>Journal of Allergy and Clinical Immunology</i> , <b>2019</b> , 144, 729-737	11.5	4
30	Associations between predicted vitamin D status, vitamin D intake, and risk of SARS-CoV-2 infection and Coronavirus Disease 2019 severity. <i>American Journal of Clinical Nutrition</i> , <b>2021</b> ,	7	4
29	Sleep Duration and Snoring at Midlife in Relation to Healthy Aging in Women 70 Years of Age or Older. <i>Nature and Science of Sleep</i> , <b>2021</b> , 13, 411-422	3.6	4
28	The Metabolomic-Gut-Clinical Axis of Mankai Plant-Derived Dietary Polyphenols. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	4
27	Mushroom Consumption and Risk of Total and Site-Specific Cancer in Two Large U.S. Prospective Cohorts. <i>Cancer Prevention Research</i> , <b>2019</b> , 12, 517-526	3.2	3
26	Inter-generational link of obesity in term and preterm births: role of maternal plasma acylcarnitines. <i>International Journal of Obesity</i> , <b>2019</b> , 43, 1967-1977	5.5	3
25	Reply to MB Katan et al. <i>American Journal of Clinical Nutrition</i> , <b>2010</b> , 92, 460-461	7	3
24	Changes in metabolomics profiles over ten years and subsequent risk of developing type 2 diabetes: Results from the Nurses' Health Study. <i>EBioMedicine</i> , <b>2021</b> , 75, 103799	8.8	3
23	The impact of acculturation to the US environment on the dietary share of ultra-processed foods among US adults. <i>Preventive Medicine</i> , <b>2020</b> , 141, 106261	4.3	3
22	Associations between fruit juice and milk consumption and change in BMI in a large prospective cohort of U.S. adolescents and preadolescents. <i>Pediatric Obesity</i> , <b>2021</b> , 16, e12781	4.6	3
21	Categorising ultra-processed foods in large-scale cohort studies: evidence from the Nurses' Health Studies, the Health Professionals Follow-up Study, and the Growing Up Today Study. <i>Journal of Nutritional Science</i> , <b>2021</b> , 10, e77	2.7	3

20	Ultra-processed Foods and Risk of Crohn's Disease and Ulcerative Colitis: A Prospective Cohort Study. <i>Clinical Gastroenterology and Hepatology</i> , <b>2021</b> ,	6.9	3
19	Prepregnancy plant-based diets and the risk of gestational diabetes mellitus: a prospective cohort study of 14,926 women. <i>American Journal of Clinical Nutrition</i> , <b>2021</b> ,	7	3
18	Response by Liu and Sun to Letter Regarding Article, "Plasma Levels of Fatty Acid-Binding Protein 4, Retinol-Binding Protein 4, High-Molecular-Weight Adiponectin, and Cardiovascular Mortality Among Men With Type 2 Diabetes: A 22-Year Prospective Study". <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2017</b> , <i>37</i> , e57	9.4	2
17	Response to Letters Regarding Article, "Dietary Linoleic Acid and Risk of Coronary Heart Disease: A Systematic Review and Meta-Analysis of Prospective Cohort Studies". <i>Circulation</i> , <b>2015</b> , <i>132</i> , e23-4	16.7	2
16	Circulating IGF-axis protein levels and their relation with levels of plasma adipocytokines and macronutrient consumption in women. <i>Growth Hormone and IGF Research</i> , <b>2014</b> , <i>24</i> , 142-9	2	2
15	Gluten Intake and Risk of Digestive System Cancers in 3 Large Prospective Cohort Studies. <i>Clinical Gastroenterology and Hepatology</i> , <b>2021</b> ,	6.9	2
14	Plant-Based Diet Index and Metabolic Risk in Men: Exploring the Role of the Gut Microbiome. <i>Journal of Nutrition</i> , <b>2021</b> , <i>151</i> , 2780-2789	4.1	2
13	Lignan Intake and Risk of Coronary Heart Disease. <i>Journal of the American College of Cardiology</i> , <b>2021</b> , <i>78</i> , 666-678	15.1	2
12	Dietary lignans, plasma enterolactone levels, and metabolic risk in men: exploring the role of the gut microbiome.. <i>BMC Microbiology</i> , <b>2022</b> , <i>22</i> , 82	4.5	2
11	Polygenic scores, diet quality, and type 2 diabetes risk: An observational study among 35,759 adults from 3 US cohorts.. <i>PLoS Medicine</i> , <b>2022</b> , <i>19</i> , e1003972	11.6	2
10	Rotating Night Shift Work and Healthy Aging After 24 Years of Follow-up in the Nurses' Health Study.. <i>JAMA Network Open</i> , <b>2022</b> , <i>5</i> , e2210450	10.4	2
9	Weight Change, Lifestyle and Mortality in Patients with Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2021</b> ,	5.6	1
8	Ten-year changes in plasma L-carnitine levels and risk of coronary heart disease. <i>European Journal of Nutrition</i> , <b>2021</b> , <i>61</i> , 1353	5.2	1
7	Grand-maternal lifestyle during pregnancy and body mass index in adolescence and young adulthood: an intergenerational cohort study. <i>Scientific Reports</i> , <b>2020</b> , <i>10</i> , 14432	4.9	1
6	Plant-Based Dietary Patterns and Incidence of Type 2 Diabetes-Reply. <i>JAMA Internal Medicine</i> , <b>2019</b> , <i>179</i> , 1604-1605	11.5	0
5	Plasma concentrations of perfluoroalkyl substances and risk of inflammatory bowel diseases in women: A nested case control analysis in the Nurses' Health Study cohorts. <i>Environmental Research</i> , <b>2021</b> , <i>207</i> , 112222	7.9	0
4	Avocado Consumption and Risk of Cardiovascular Disease in US Adults.. <i>Journal of the American Heart Association</i> , <b>2022</b> , <i>11</i> , e024014	6	0
3	Response to Comment on Muraki et al. Potato Consumption and Risk of Type 2 Diabetes: Results From Three Prospective Cohort Studies. <i>Diabetes Care</i> 2016;39:376-384. <i>Diabetes Care</i> , <b>2016</b> , <i>39</i> , e152	14.6	

- 2 Reply: Plant-Based Diet, Gut Microbiota, and Bioavailability of Lignans. *Journal of the American College of Cardiology*, **2021**, 78, e313 15.1
- 1 Correlations of Serum Persistent Organic Pollutants with Regional Fat Distribution Measured by Dual-Energy X-ray Absorptiometry. *FASEB Journal*, **2015**, 29, 747.10 0.9