Shilpa N Bhupathiraju

List of Publications by Year
in descending order

89 papers	6,610 citations	168829 31 h-index	87275 74 g-index
89 all docs	89 docs citations	89 times ranked	9458 citing authors

#	Article	IF	Citations
1	Consumption of sugar sweetened beverages, artificially sweetened beverages, and fruit juice and incidence of type 2 diabetes: systematic review, meta-analysis, and estimation of population attributable fraction. BMJ, The, 2015, 351, h3576.	3.0	664
2	Epidemiology of Obesity and Diabetes and Their Cardiovascular Complications. Circulation Research, 2016, 118, 1723-1735.	2.0	608
3	Healthful and Unhealthful Plant-Based Diets and the Risk of Coronary HeartÂDisease in U.S. Adults. Journal of the American College of Cardiology, 2017, 70, 411-422.	1.2	585
4	Plant-Based Dietary Patterns and Incidence of Type 2 Diabetes in US Men and Women: Results from Three Prospective Cohort Studies. PLoS Medicine, 2016, 13, e1002039.	3.9	581
5	Association of Changes in Diet Quality with Total and Cause-Specific Mortality. New England Journal of Medicine, 2017, 377, 143-153.	13.9	343
6	Glycemic index, glycemic load, and risk of type 2 diabetes: results from 3 large US cohorts and an updated meta-analysis. American Journal of Clinical Nutrition, 2014, 100, 218-232.	2.2	309
7	Association Between Healthy Eating Patterns and Risk of Cardiovascular Disease. JAMA Internal Medicine, 2020, 180, 1090.	2.6	211
8	Association Between Plant-Based Dietary Patterns and Risk of Type 2 Diabetes. JAMA Internal Medicine, 2019, 179, 1335.	2.6	207
9	Use of Metabolomics in Improving Assessment of Dietary Intake. Clinical Chemistry, 2018, 64, 82-98.	1.5	198
10	Fruit and Vegetable Intake and Mortality. Circulation, 2021, 143, 1642-1654.	1.6	182
11	Association of Coffee Consumption With Total and Cause-Specific Mortality in 3 Large Prospective Cohorts. Circulation, 2015, 132, 2305-2315.	1.6	175
12	Caffeinated and caffeine-free beverages and risk of type 2 diabetes. American Journal of Clinical Nutrition, 2013, 97, 155-166.	2.2	168
13	Changes in Diet Quality Scores and Risk of Cardiovascular Disease Among US Men and Women. Circulation, 2015, 132, 2212-2219.	1.6	167
14	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. BMJ: British Medical Journal, 2018, 363, k4641.	2.4	156
15	Quantity and variety in fruit and vegetable intake and risk of coronary heart disease. American Journal of Clinical Nutrition, 2013, 98, 1514-1523.	2.2	150
16	The Mediterranean diet, plasma metabolome, and cardiovascular disease risk. European Heart Journal, 2020, 41, 2645-2656.	1.0	138
17	Diet quality and risk and severity of COVID-19: a prospective cohort study. Gut, 2021, 70, 2096-2104.	6.1	130
18	Carbohydrate quality and quantity and risk of type 2 diabetes in US women. American Journal of Clinical Nutrition, 2015, 102, 1543-1553.	2.2	121

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19	Nut Consumption and Risk of Cardiovascular Disease. Journal of the American College of Cardiology, 2017, 70, 2519-2532.	1.2	119
20	Changes in Plant-Based Diet Quality and Total and Cause-Specific Mortality. Circulation, 2019, 140, 979-991.	1.6	119
21	Dietary Inflammatory Potential and Risk of Cardiovascular Disease Among MenÂand Women in the U.S.. Journal of the American College of Cardiology, 2020, 76, 2181-2193.	1.2	118
22	Greater variety in fruit and vegetable intake is associated with lower inflammation in Puerto Rican adults. American Journal of Clinical Nutrition, 2011, 93, 37-46.	2.2	75
23	Changes in coffee intake and subsequent risk of type 2 diabetes: three large cohorts of US men and women. Diabetologia, 2014, 57, 1346-1354.	2.9	65
24	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.	4.3	64
25	Vaginal estrogen use and chronic disease risk in the Nursesâ€™ Health Study. Menopause, 2019, 26, 603-610.	0.8	57
26	Changes in Plant-Based Diet Indices and Subsequent Risk of Type 2 Diabetes in Women and Men: Three U.S. Prospective Cohorts. Diabetes Care, 2021, 44, 663-671.	4.3	57
27	Development and Validation of a Novel Food-Based Global Diet Quality Score (GDQS). Journal of Nutrition, 2021, 151, 75S-92S.	1.3	54
28	Centrally located body fat is associated with lower bone mineral density in older Puerto Rican adults. American Journal of Clinical Nutrition, 2011, 94, 1063-1070.	2.2	50
29	Dietary Inflammatory and Insulinemic Potential and Risk of Type 2 Diabetes: Results From Three Prospective U.S. Cohort Studies. Diabetes Care, 2020, 43, 2675-2683.	4.3	43
30	The Leptin System and Diet: A Mini Review of the Current Evidence. Frontiers in Endocrinology, 2021, 12, 749050.	1.5	42
31	A Healthy Lifestyle Score Is Associated with Cardiometabolic and Neuroendocrine Risk Factors among Puerto Rican Adults. Journal of Nutrition, 2015, 145, 1531-1540.	1.3	41
32	Association between intake of fruits and vegetables by pesticide residue status and coronary heart disease risk. Environment International, 2019, 132, 105113.	4.8	40
33	Plasma metabolite profiles related to plant-based diets and the risk of type 2 diabetes. Diabetologia, 2022, 65, 1119-1132.	2.9	35
34	Long-term changes in sleep duration, energy balance and risk of type 2 diabetes. Diabetologia, 2016, 59, 101-109.	2.9	34
35	India has natural resource capacity to achieve nutrition security, reduce health risks and improve environmental sustainability. Nature Food, 2020, 1, 631-639.	6.2	32
36	Magnesium Intake, Quality of Carbohydrates, and Risk of Type 2 Diabetes: Results From Three U.S. Cohorts. Diabetes Care, 2017, 40, 1695-1702.	4.3	29

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37	Dietary Patterns among Asian Indians Living in the United States Have Distinct Metabolomic Profiles That Are Associated with Cardiometabolic Risk. Journal of Nutrition, 2018, 148, 1150-1159.	1.3	29
38	Adherence Index Based on the AHA 2006 Diet and Lifestyle Recommendations Is Associated with Select Cardiovascular Disease Risk Factors in Older Puerto Ricans. Journal of Nutrition, 2011, 141, 460-469.	1.3	26
39	Egg consumption and risk of type 2 diabetes: findings from 3 large US cohort studies of men and women and a systematic review and meta-analysis of prospective cohort studies. American Journal of Clinical Nutrition, 2020, 112, 619-630.	2.2	26
40	Adherence to the 2006 American Heart Association Diet and Lifestyle Recommendations for cardiovascular disease risk reduction is associated with bone health in older Puerto Ricans. American Journal of Clinical Nutrition, 2013, 98, 1309-1316.	2.2	22
41	Weight Stigma and Social Media: Evidence and Public Health Solutions. Frontiers in Nutrition, 2021, 8, 739056.	1.6	22
42	Associations between predicted vitamin D status, vitamin D intake, and risk of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) infection and coronavirus disease 2019 (COVID-19) severity. American Journal of Clinical Nutrition, 2022, 115, 1123-1133.	2.2	22
43	A healthy plantâ€“based diet is favorably associated with cardiometabolic risk factors among participants of South Asian ancestry. American Journal of Clinical Nutrition, 2022, 116, 1078-1090.	2.2	21
44	Walnut Consumption, Plasma Metabolomics, and Risk of Type 2 Diabetes and Cardiovascular Disease. Journal of Nutrition, 2021, 151, 303-311.	1.3	20
45	Prepregnancy plant-based diets and the risk of gestational diabetes mellitus: a prospective cohort study of 14,926 women. American Journal of Clinical Nutrition, 2021, 114, 1997-2005.	2.2	19
46	Changes in metabolomics profiles over ten years and subsequent risk of developing type 2 diabetes: Results from the Nurses' Health Study. EBioMedicine, 2022, 75, 103799.	2.7	18
47	Healthy Lifestyle Score Including Sleep Duration and Cardiovascular Disease Risk. American Journal of Preventive Medicine, 2022, 63, 33-42.	1.6	18
48	Performance of the Global Diet Quality Score with Nutrition and Health Outcomes in Mexico with 24-h Recall and FFQ Data. Journal of Nutrition, 2021, 151, 143S-151S.	1.3	16
49	Molecular Signature of Multisystem Cardiometabolic Stress and Its Association With Prognosis. JAMA Cardiology, 2020, 5, 1144.	3.0	15
50	Higher Global Diet Quality Score Is Inversely Associated with Risk of Type 2 Diabetes in US Women. Journal of Nutrition, 2021, 151, 168S-175S.	1.3	14
51	The Global Diet Quality Score Is Inversely Associated with Nutrient Inadequacy, Low Midupper Arm Circumference, and Anemia in Rural Adults in Ten Sub-Saharan African Countries. Journal of Nutrition, 2021, 151, 119S-129S.	1.3	13
52	Higher Global Diet Quality Score Is Associated with Less 4-Year Weight Gain in US Women. Journal of Nutrition, 2021, 151, 162S-167S.	1.3	13
53	Application of the Global Diet Quality Score in Chinese Adults to Evaluate the Double Burden of Nutrient Inadequacy and Metabolic Syndrome. Journal of Nutrition, 2021, 151, 93S-100S.	1.3	13
54	Menopausal Hormone Therapy and Chronic Disease Risk in the Womenâ€™S Health Initiative: is Timing Everything?. Endocrine Practice, 2014, 20, 1201-1213.	1.1	12

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55	The Global Diet Quality Score is Associated with Higher Nutrient Adequacy, Midupper Arm Circumference, Venous Hemoglobin, and Serum Folate Among Urban and Rural Ethiopian Adults. Journal of Nutrition, 2021, 151, 130S-142S.	1.3	11
56	Thereâ€™s an App for That: Development of an Application to Operationalize the Global Diet Quality Score. Journal of Nutrition, 2021, 151, 176S-184S.	1.3	11
57	Changes in the Global Diet Quality Score, Weight, and Waist Circumference in Mexican Women. Journal of Nutrition, 2021, 151, 152S-161S.	1.3	10
58	A Global Diet Quality Index and Risk of Type 2 Diabetes in U.S. Women. Current Developments in Nutrition, 2020, 4, nzaa061_029.	0.1	9
59	Exploration of Machine Learning and Statistical Techniques in Development of a Low-Cost Screening Method Featuring the Global Diet Quality Score for Detecting Prediabetes in Rural India. Journal of Nutrition, 2021, 151, 110S-118S.	1.3	9
60	Validation of Global Diet Quality Score Among Nonpregnant Women of Reproductive Age in India: Findings from the Andhra Pradesh Children and Parents Study (APCAPS) and the Indian Migration Study (IMS). Journal of Nutrition, 2021, 151, 101S-109S.	1.3	9
61	A Novel Food-Based Diet Quality Score Is Associated with Nutrient Adequacy and Reduced Anemia Among Rural Adults in Ten African Countries. Current Developments in Nutrition, 2020, 4, nzaa061_009.	0.1	7
62	Associations of network-derived metabolite clusters with prevalent type 2 diabetes among adults of Puerto Rican descent. BMJ Open Diabetes Research and Care, 2021, 9, e002298.	1.2	6
63	Menopausal Hormone Therapy and Cardiovascular Disease: Unraveling the Role of Age and Time Since Menopause Onset. Clinical Chemistry, 2018, 64, 861-862.	1.5	5
64	Commentary on â€œA meta-analysis but not a systematic review: an evaluation of the Global BMI Mortality Collaborationâ€• Journal of Clinical Epidemiology, 2017, 88, 30-32.	2.4	4
65	Body-mass index and all-cause mortality â€“ Authors' reply. Lancet, The, 2017, 389, 2285-2286.	6.3	4
66	Validation of a New Instrument for Assessing Diet Quality and Its Association with Undernutrition and Non-Communicable Diseases for Women in Reproductive Age in India. Current Developments in Nutrition, 2020, 4, nzaa061_079.	0.1	4
67	Changes in Diet Quality and Total and Cause-Specific Mortality. New England Journal of Medicine, 2017, 377, 1303-1305.	13.9	3
68	Changes in Metabolites During an Oral Glucose Tolerance Test in Early and Mid-Pregnancy: Findings from the PEARLS Randomized, Controlled Lifestyle Trial. Metabolites, 2020, 10, 284.	1.3	3
69	Abstract MP57: A South Asian Mediterranean-style Diet Pattern Is Associated With Favorable Measures Of Adiposity And A Lower Risk Of Incident Diabetes: Findings From The Masala Study. Circulation, 2021, 143, .	1.6	2
70	Abstract 37: Healthy Eating Patterns and Risk of Cardiovascular Disease: Results From Three Large Prospective Cohort Studies. Circulation, 2020, 141, .	1.6	2
71	Novel Plasma Metabolomic Markers Associated with Diabetes Progression in Older Puerto Ricans. Metabolites, 2022, 12, 513.	1.3	2
72	Changes in Plant Based Diets and Subsequent Risk of Type 2 Diabetes: Results from 3 Large US Cohorts. Current Developments in Nutrition, 2020, 4, nzaa061_015.	0.1	1

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73	Carbohydrate Quantity and Quality and Risk of Type 2 Diabetes: Results from Three Large Prospective US Cohorts. Current Developments in Nutrition, 2020, 4, nzaa061_008.	0.1	1
74	Abstract 034: A Healthy Lifestyle Score Including Sleep Duration And Risk Of Cardiovascular Disease. Circulation, 2021, 143, .	1.6	1
75	Hot flashes and the heart: an ongoing enigma. Menopause, 2017, 24, 871-873.	0.8	0
76	Methyl Donor Nutrient Intake and Risk of Type 2 Diabetes: Results from 3 Large US Cohorts (OR15-02-19). Current Developments in Nutrition, 2019, 3, nzz044.OR15-02-19.	0.1	0
77	Increased Nut Consumption and Subsequent Cardiovascular Disease Risk Among U.S. Men and Women: Three Large Prospective Cohort Studies (OR17-08-19). Current Developments in Nutrition, 2019, 3, nzz039.OR17-08-19.	0.1	0
78	Gut Microbiota Metabolites and Cardiometabolic Risk Among Older Puerto Ricans: Findings from the Boston Puerto Rican Health Study. Current Developments in Nutrition, 2020, 4, nzaa061_006.	0.1	0
79	Coffee Consumption and Mortality Among US Adults: A Cohort Study. Current Developments in Nutrition, 2020, 4, nzaa046_079.	0.1	0
80	Plasma Metabolomic Signatures of Sugar-Sweetened Beverage Consumption and Risk of Type 2 Diabetes Among US Adults. Current Developments in Nutrition, 2021, 5, 1040.	0.1	0
81	Adherence to Healthy Diet and Risk and Severity of SARS-CoV-2 Infections: A Community Survey Study Within the COVID Symptom Study Application. Current Developments in Nutrition, 2021, 5, 237.	0.1	0
82	Greater fruit and vegetable intake is associated with increased bone mass in older Puerto Ricans. FASEB Journal, 2010, 24, 561.10.	0.2	0
83	Variety of fruit and vegetable intake and cognitive function in middleâ€aged and older Puerto Rican adults. FASEB Journal, 2011, 25, lb253.	0.2	0
84	Changes in coffee intake and subsequent risk of type 2 diabetes in women. FASEB Journal, 2013, 27, 106.1.	0.2	0
85	Association of an AHAâ€diet quality score with allostatic load and metabolic syndrome in Puerto Rican adults. FASEB Journal, 2013, 27, 847.9.	0.2	0
86	Abstract P510: Association of Animal and Plant Protein Intake With Mortality Among US Adults: A Prospective Cohort Study. Circulation, 2020, 141, .	1.6	0
87	Abstract 17285: Metabolite-Derived Network Reveals Cluster of Acylcholine Metabolites Associated With Better Diet Quality and Lower Prevalence of Type 2 Diabetes: Findings From the Boston Puerto Rican Health Study. Circulation, 2020, 142, .	1.6	0
88	A community-based noncommunicable disease prevention intervention in Punjab, India: Baseline characteristics of 11,322 adults. Indian Journal of Community Medicine, 2022, 47, 23.	0.2	0
89	Coronary heart disease: dietary patterns. , 2022, , .		0