Fumiaki Imamura

List of Publications by Year
in descending order

104	10,826	66250	37326
papers	citations	44 h-index	100 g-index

109	109	109	17574
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Trans Fatty Acid Biomarkers and Incident Type 2 Diabetes: Pooled Analysis of 12 Prospective Cohort Studies in the Fatty Acids and Outcomes Research Consortium (FORCE). Diabetes Care, 2022, 45, 854-863.	4.3	8
2	Associations of Serum Folate and Holotranscobalamin with Cardiometabolic Risk Factors in Rural and Urban Cameroon. Nutrients, 2022, 14, 178.	1.7	2
3	Development and validation of a metabolite score for red meat intake: an observational cohort study and randomized controlled dietary intervention. American Journal of Clinical Nutrition, 2022, 116, 511-522.	2.2	8
4	Using genetic variation to disentangle the complex relationship between food intake and health outcomes. PLoS Genetics, 2022, 18, e1010162.	1.5	12
5	Genomic analysis of diet composition finds novel loci and associations with health and lifestyle. Molecular Psychiatry, 2021, 26, 2056-2069.	4.1	79
6	Prospective association of soft drink consumption with depressive symptoms. Nutrition, 2021, 81, 110860.	1.1	18
7	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
8	Plasma Sulfur Amino Acids and Risk of Cerebrovascular Diseases. Stroke, 2021, 52, 172-180.	1.0	5
9	A cross-platform approach identifies genetic regulators of human metabolism and health. Nature Genetics, 2021, 53, 54-64.	9.4	117
10	n-3 Fatty Acid Biomarkers and Incident Type 2 Diabetes: An Individual Participant-Level Pooling Project of 20 Prospective Cohort Studies. Diabetes Care, 2021, 44, 1133-1142.	4.3	50
11	Associations of Total Legume, Pulse, and Soy Consumption with Incident Type 2 Diabetes: Federated Meta-Analysis of 27 Studies from Diverse World Regions. Journal of Nutrition, 2021, 151, 1231-1240.	1.3	28
12	Blood n-3 fatty acid levels and total and cause-specific mortality from 17 prospective studies. Nature Communications, 2021, 12, 2329.	5.8	132
13	Sugar-Sweetened Beverage Consumption May Modify Associations Between Genetic Variants in the CHREBP (Carbohydrate Responsive Element Binding Protein) Locus and HDL-C (High-Density Lipoprotein) Tj ETQq1 1 0.784314 rgBT /O e003288.	1.6	8
14	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
15	Association of alcohol consumption with prevalence of fatty liver after adjustment for dietary patterns: Cross-sectional analysis of Japanese middle-aged adults. Clinical Nutrition, 2020, 39, 1580-1586.	2.3	2
16	A Combination of Metabolites Predicts Adherence to the Mediterranean Diet Pattern and Its Associations with Insulin Sensitivity and Lipid Homeostasis in the General Population: The Fenland Study, United Kingdom. Journal of Nutrition, 2020, 150, 568-578.	1.3	29
17	The associations of longitudinal changes in consumption of total and types of dairy products and markers of metabolic risk and adiposity: findings from the European Investigation into Cancer and Nutrition (EPIC)â€“Norfolk study, United Kingdom. American Journal of Clinical Nutrition, 2020, 111, 1018-1026.	2.2	37
18	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

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19	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
20	Insights into genetic variants associated with NASH-fibrosis from metabolite profiling. Human Molecular Genetics, 2020, 29, 3451-3463.	1.4	27
21	Replacement of Red and Processed Meat With Other Food Sources of Protein and the Risk of Type 2 Diabetes in European Populations: The EPIC-InterAct Study. Diabetes Care, 2020, 43, 2660-2667.	4.3	35
22	Using nutritional survey data to inform the design of sugar-sweetened beverage taxes in low-resource contexts: a cross-sectional analysis based on data from an adult Caribbean population. BMJ Open, 2020, 10, e035981.	0.8	2
23	Fatty acids in the de novo lipogenesis pathway and incidence of type 2 diabetes: A pooled analysis of prospective cohort studies. PLoS Medicine, 2020, 17, e1003102.	3.9	38
24	Genetic study of the Arctic CPT1A variant suggests that its effect on fatty acid levels is modulated by traditional Inuit diet. European Journal of Human Genetics, 2020, 28, 1592-1601.	1.4	10
25	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
26	The associations of major foods and fibre with risks of ischaemic and haemorrhagic stroke: a prospective study of 418Â329 participants in the EPIC cohort across nine European countries. European Heart Journal, 2020, 41, 2632-2640.	1.0	60
27	Prospective association between adherence to the Mediterranean diet and hepatic steatosis: the Swiss CoLaus cohort study. BMJ Open, 2020, 10, e040959.	0.8	7
28	Mediterranean diet and risk of SjÃ¶gren's syndrome. Clinical and Experimental Rheumatology, 2020, 38 Suppl 126, 216-221.	0.4	4
29	Estimated Substitution of Tea or Coffee for Sugar-Sweetened Beverages Was Associated with Lower Type 2 Diabetes Incidence in Caseâ€“Cohort Analysis across 8 European Countries in the EPIC-InterAct Study. Journal of Nutrition, 2019, 149, 1985-1993.	1.3	24
30	Associations of types of dairy consumption with adiposity: cross-sectional findings from over 12 000 adults in the Fenland Study, UK. British Journal of Nutrition, 2019, 122, 928-935.	1.2	3
31	Quality of dietary fat and genetic risk of type 2 diabetes: individual participant data meta-analysis. BMJ: British Medical Journal, 2019, 366, l4292.	2.4	28
32	Validity and reliability of an online self-report 24-h dietary recall method (Intake24): a doubly labelled water study and repeated-measures analysis. Journal of Nutritional Science, 2019, 8, e29.	0.7	62
33	The obesity transition: stages of the global epidemic. Lancet Diabetes and Endocrinology,the, 2019, 7, 231-240.	5.5	662
34	The association between adherence to the Mediterranean diet and hepatic steatosis: cross-sectional analysis of two independent studies, the UK Fenland Study and the Swiss CoLaus Study. BMC Medicine, 2019, 17, 19.	2.3	42
35	Driving status, travel modes and accelerometer-assessed physical activity in younger, middle-aged and older adults: a prospective study of 90â€‰810 UK Biobank participants. International Journal of Epidemiology, 2019, 48, 1175-1186.	0.9	12
36	Preventable Cancer Burden Associated With Poor Diet in the United States. JNCI Cancer Spectrum, 2019, 3, pkz034.	1.4	95

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37	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
38	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
39	Assessing the causal association of glycine with risk of cardio-metabolic diseases. Nature Communications, 2019, 10, 1060.	5.8	85
40	Biomarkers of Dietary Omega-6 Fatty Acids and Incident Cardiovascular Disease and Mortality. Circulation, 2019, 139, 2422-2436.	1.6	199
41	Associations of circulating very-long-chain saturated fatty acids and incident type 2 diabetes: a pooled analysis of prospective cohort studies. American Journal of Clinical Nutrition, 2019, 109, 1216-1223.	2.2	39
42	Dairy Product Intake and Risk of Type 2 Diabetes in EPIC-InterAct: A Mendelian Randomization Study. Diabetes Care, 2019, 42, 568-575.	4.3	29
43	A Meta-Analysis of Food Labeling Effects on Consumer Diet Behaviors and Industry Practices. American Journal of Preventive Medicine, 2019, 56, 300-314.	1.6	215
44	Circulating Phylloquinone Concentrations and Risk of Type 2 Diabetes: A Mendelian Randomization Study. Diabetes, 2019, 68, 220-225.	0.3	27
45	Abstract 034: Omega-3 Fatty Acid Biomarkers and Incident Type 2 Diabetes: An Individual Participant-level Pooling Project of 20 Prospective Cohort Studies. Circulation, 2019, 139, .	1.6	0
46	Genomeâ€“wide association study for risk taking propensity indicates shared pathways with body mass index. Communications Biology, 2018, 1, 36.	2.0	54
47	Dietary cost associated with adherence to the Mediterranean diet, and its variation by socio-economic factors in the UK Fenland Study. British Journal of Nutrition, 2018, 119, 685-694.	1.2	72
48	Interplay between genetic predisposition, macronutrient intake and type 2 diabetes incidence: analysis within EPIC-InterAct across eight European countries. Diabetologia, 2018, 61, 1325-1332.	2.9	20
49	Intakes and sources of dietary sugars and their association with metabolic and inflammatory markers. Clinical Nutrition, 2018, 37, 1313-1322.	2.3	56
50	Fatty acid biomarkers of dairy fat consumption and incidence of type 2 diabetes: A pooled analysis of prospective cohort studies. PLoS Medicine, 2018, 15, e1002670.	3.9	143
51	Assessing dietary intakes from household budget surveys: A national analysis in Bangladesh. PLoS ONE, 2018, 13, e0202831.	1.1	17
52	Hepatic steatosis risk is partly driven by increased de novo lipogenesis following carbohydrate consumption. Genome Biology, 2018, 19, 79.	3.8	83
53	Association Between Dietary Factors and Mortality From Heart Disease, Stroke, and Type 2 Diabetes in the United States. JAMA - Journal of the American Medical Association, 2017, 317, 912.	3.8	764
54	Interaction between genes and macronutrient intake on the risk of developing type 2 diabetes: systematic review and findings from European Prospective Investigation into Cancer (EPIC)-InterAct. American Journal of Clinical Nutrition, 2017, 106, 263-275.	2.2	46

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55	Omega-6 fatty acid biomarkers and incident type 2 diabetes: pooled analysis of individual-level data for 39â€ 740 adults from 20 prospective cohort studies. Lancet Diabetes and Endocrinology,the, 2017, 5, 965-974.	5.5	213
56	Macronutrients and cardiovascular risk in a global context. Lancet Diabetes and Endocrinology,the, 2017, 5, 758-759.	5.5	3
57	Sociodemographic, lifestyle and behavioural factors associated with consumption of sweetened beverages among adults in Cambridgeshire, UK: the Fenland Study. Public Health Nutrition, 2017, 20, 2766-2777.	1.1	35
58	A combination of plasma phospholipid fatty acids and its association with incidence of type 2 diabetes: The EPIC-InterAct case-cohort study. PLoS Medicine, 2017, 14, e1002409.	3.9	61
59	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
60	Abstract 41: Omega-6 Fatty Acid Biomarkers and Incident Type 2 Diabetes: A Pooled Analysis of 20 Cohort Studies. Circulation, 2017, 135, .	1.6	3
61	Effects of Saturated Fat, Polyunsaturated Fat, Monounsaturated Fat, and Carbohydrate on Glucose-Insulin Homeostasis: A Systematic Review and Meta-analysis of Randomised Controlled Feeding Trials. PLoS Medicine, 2016, 13, e1002087.	3.9	327
62	Association of Plasma Phospholipid n-3 and n-6 Polyunsaturated Fatty Acids with Type 2 Diabetes: The EPIC-InterAct Case-Cohort Study. PLoS Medicine, 2016, 13, e1002094.	3.9	150
63	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. British Journal of Sports Medicine, 2016, 50, 496-504.	3.1	463
64	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
65	Prospective association of the Mediterranean diet with cardiovascular disease incidence and mortality and its population impact in a non-Mediterranean population: the EPIC-Norfolk study. BMC Medicine, 2016, 14, 135.	2.3	141
66	Ï‰-3 Polyunsaturated Fatty Acid Biomarkers and Coronary Heart Disease. JAMA Internal Medicine, 2016, 176, 1155.	2.6	326
67	Doseâ€“response relationship between sports activity and musculoskeletal pain in adolescents. Pain, 2016, 157, 1339-1345.	2.0	27
68	Genetic Predisposition to an Impaired Metabolism of the Branched-Chain Amino Acids and Risk of Type 2 Diabetes: A Mendelian Randomisation Analysis. PLoS Medicine, 2016, 13, e1002179.	3.9	324
69	Physical Activity, Physical Fitness, and Leukocyte Telomere Length. Medicine and Science in Sports and Exercise, 2015, 47, 2525-2534.	0.2	37
70	Assessing global dietary habits: a comparison of national estimatesfrom the FAO and the Global Dietary Database. American Journal of Clinical Nutrition, 2015, 101, 1038-1046.	2.2	105
71	Association between 25-hydroxyvitamin D and type 2 diabetes â€“ Authors' reply. Lancet Diabetes and Endocrinology,the, 2015, 3, 11-12.	5.5	1
72	Association between circulating 25-hydroxyvitamin D and incident type 2 diabetes: a mendelian randomisation study. Lancet Diabetes and Endocrinology,the, 2015, 3, 35-42.	5.5	164

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73	Dietary quality among men and women in 187 countries in 1990 and 2010: a systematic assessment. The Lancet Global Health, 2015, 3, e132-e142.	2.9	557
74	Contribution of Major Lifestyle Risk Factors for Incident Heart Failure in Older Adults. JACC: Heart Failure, 2015, 3, 520-528.	1.9	134
75	Positive association between artificially sweetened beverage consumption and incidence of diabetes. Diabetologia, 2015, 58, 2455-2456.	2.9	12
76	Prospective associations and population impact of sweet beverage intake and type 2 diabetes, and effects of substitutions with alternative beverages. Diabetologia, 2015, 58, 1474-1483.	2.9	121
77	Circulating and Dietary Trans Fatty Acids and Incident Type 2 Diabetes in Older Adults: The Cardiovascular Health Study. Diabetes Care, 2015, 38, 1099-1107.	4.3	38
78	Positive association between artificially sweetened beverage consumption and incidence of diabetes. Reply to Sylvetsky Meni AC, Swithers SE, Rother KI [letter]. Diabetologia, 2015, 58, 2457-2458.	2.9	3
79	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
80	Consumption of ultra-processed foods and obesity in Brazilian adolescents and adults. Preventive Medicine, 2015, 81, 9-15.	1.6	419
81	Rice consumption and risk of cardiovascular disease: results from a pooled analysis of 3 U.S. cohorts. American Journal of Clinical Nutrition, 2015, 101, 164-172.	2.2	53
82	Plasma Phospholipid Trans â€Fatty Acids Levels, Cardiovascular Diseases, and Total Mortality: The Cardiovascular Health Study. Journal of the American Heart Association, 2014, 3, .	1.6	43
83	Differences in the prospective association between individual plasma phospholipid saturated fatty acids and incident type 2 diabetes: the EPIC-InterAct case-cohort study. Lancet Diabetes and Endocrinology,the, 2014, 2, 810-818.	5.5	431
84	Relationship Between Physical Activity and Chronic Musculoskeletal Pain Among Community-Dwelling Japanese Adults. Journal of Epidemiology, 2014, 24, 474-483.	1.1	29
85	Sugar-sweetened beverages and Type 2 diabetes: will a reduction in consumption reduce the risk of developing diabetes?. Diabetes Management, 2014, 4, 311-314.	0.5	0
86	Abstract MP47: Contribution of Preventable Risk Factors for Incident Congestive Heart Failure in Older Adults: the Cardiovascular Health Study. Circulation, 2014, 129, .	1.6	0
87	Abstract 17: Global diet quality among adults in 187 countries. Circulation, 2014, 129, .	1.6	0
88	Fruit consumption and risk of type 2 diabetes: results from three prospective longitudinal cohort studies. BMJ, The, 2013, 347, f5001-f5001.	3.0	373
89	Risk Factors for Type 2 Diabetes Mellitus Preceded by Î²-Cell Dysfunction, Insulin Resistance, or Both in Older Adults. American Journal of Epidemiology, 2013, 177, 1418-1429.	1.6	52
90	Circulating and dietary magnesium and risk of cardiovascular disease: a systematic review and meta-analysis of prospective studies. American Journal of Clinical Nutrition, 2013, 98, 160-173.	2.2	273

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91	Long-Chain Monounsaturated Fatty Acids and Incidence of Congestive Heart Failure in 2 Prospective Cohorts. Circulation, 2013, 127, 1512-1521.	1.6	64
92	Omega-3 fatty acids and incident type 2 diabetes: a systematic review and meta-analysis. British Journal of Nutrition, 2012, 107, S214-S227.	1.2	293
93	Novel circulating fatty acid patterns and risk of cardiovascular disease: the Cardiovascular Health Study. American Journal of Clinical Nutrition, 2012, 96, 1252-1261.	2.2	25
94	New Diabetes Diagnostic Threshold of Hemoglobin A1c and the 3-Year Incidence of Retinopathy. Diabetes, 2012, 61, 3280-3284.	0.3	36
95	Trans -Fatty Acid Consumption and Heart Rate Variability in 2 Separate Cohorts of Older and Younger Adults. Circulation: Arrhythmia and Electrophysiology, 2012, 5, 728-738.	2.1	15
96	Systematic Review and Meta-Analysis of Methotrexate Use and Risk of Cardiovascular Disease. American Journal of Cardiology, 2011, 108, 1362-1370.	0.7	448
97	Fatty acids in the de novo lipogenesis pathway and risk of coronary heart disease: the Cardiovascular Health Study. American Journal of Clinical Nutrition, 2011, 94, 431-438.	2.2	94
98	Invited Commentary: Dietary Pattern Analysis. American Journal of Epidemiology, 2011, 173, 1105-1108.	1.6	27
99	On the gene-nutrient analyses of Cahill et al. American Journal of Clinical Nutrition, 2010, 91, 1070-1071.	2.2	1
100	Confounders in Asian studies. American Journal of Clinical Nutrition, 2010, 91, 1804-1805.	2.2	0
101	Confounding by Dietary Patterns of the Inverse Association Between Alcohol Consumption and Type 2 Diabetes Risk. American Journal of Epidemiology, 2009, 170, 37-45.	1.6	37
102	Generalizability of dietary patterns associated with incidence of type 2 diabetes mellitus. American Journal of Clinical Nutrition, 2009, 90, 1075-1083.	2.2	67
103	Adherence to 2005 Dietary Guidelines for Americans is associated with a reduced progression of coronary artery atherosclerosis in women with established coronary artery disease. American Journal of Clinical Nutrition, 2009, 90, 193-201.	2.2	39
104	Acute effect of oral phosphate loading on serum fibroblast growth factor 23 levels in healthy men. Kidney International, 2006, 70, 2141-2147.	2.6	208