

Tao Huang

List of Publications by Year in descending order

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Version: 2024-02-01

243
papers

8,309
citations

53794

45
h-index

69250

77
g-index

246
all docs

246
docs citations

246
times ranked

12258
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of dietary fat on gut microbiota and faecal metabolites, and their relationship with cardiometabolic risk factors: a 6-month randomised controlled-feeding trial. <i>Gut</i> , 2019, 68, 1417-1429.	12.1	422
2	The trans-ancestral genomic architecture of glycemic traits. <i>Nature Genetics</i> , 2021, 53, 840-860.	21.4	341
3	Genome Analyses of >200,000 Individuals Identify 58 Loci for Chronic Inflammation and Highlight Pathways that Link Inflammation and Complex Disorders. <i>American Journal of Human Genetics</i> , 2018, 103, 691-706.	6.2	326
4	Cardiovascular Disease Mortality and Cancer Incidence in Vegetarians: A Meta-Analysis and Systematic Review. <i>Annals of Nutrition and Metabolism</i> , 2012, 60, 233-240.	1.9	299
5	Fish consumption and CHD mortality: an updated meta-analysis of seventeen cohort studies. <i>Public Health Nutrition</i> , 2012, 15, 725-737.	2.2	260
6	Fish gelatin modifications: A comprehensive review. <i>Trends in Food Science and Technology</i> , 2019, 86, 260-269.	15.1	183
7	Correlation between microbiota and flavours in fermentation of Chinese Sichuan Paocai. <i>Food Research International</i> , 2018, 114, 123-132.	6.2	172
8	Effect of Marine-Derived n-3 Polyunsaturated Fatty Acids on C-Reactive Protein, Interleukin 6 and Tumor Necrosis Factor α : A Meta-Analysis. <i>PLoS ONE</i> , 2014, 9, e88103.	2.5	170
9	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. <i>Nature Communications</i> , 2017, 8, 14977.	12.8	169
10	Genome-wide physical activity interactions in adiposity $\hat{\epsilon}$. A meta-analysis of 200,452 adults. <i>PLoS Genetics</i> , 2017, 13, e1006528.	3.5	158
11	Consumption of whole grains and cereal fiber and total and cause-specific mortality: prospective analysis of 367,442 individuals. <i>BMC Medicine</i> , 2015, 13, 59.	5.5	117
12	Association of homocysteine with type 2 diabetes: a meta-analysis implementing Mendelian randomization approach. <i>BMC Genomics</i> , 2013, 14, 867.	2.8	115
13	Assessment of Causal Direction Between Gut Microbiota-Dependent Metabolites and Cardiometabolic Health: A Bidirectional Mendelian Randomization Analysis. <i>Diabetes</i> , 2019, 68, 1747-1755.	0.6	114
14	Marine N-3 Polyunsaturated Fatty Acids Are Inversely Associated with Risk of Type 2 Diabetes in Asians: A Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2012, 7, e44525.	2.5	108
15	Meta-analysis of B vitamin supplementation on plasma homocysteine, cardiovascular and all-cause mortality. <i>Clinical Nutrition</i> , 2012, 31, 448-454.	5.0	107
16	Improving adherence to healthy dietary patterns, genetic risk, and long term weight gain: gene-diet interaction analysis in two prospective cohort studies. <i>BMJ: British Medical Journal</i> , 2018, 360, j5644.	2.3	107
17	Rheological behavior, emulsifying properties and structural characterization of phosphorylated fish gelatin. <i>Food Chemistry</i> , 2018, 246, 428-436.	8.2	107
18	Fish oil supplementation and insulin sensitivity: a systematic review and meta-analysis. <i>Lipids in Health and Disease</i> , 2017, 16, 131.	3.0	103

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19	Hypoglycemic and Hypolipidemic Mechanism of Tea Polysaccharides on Type 2 Diabetic Rats via Gut Microbiota and Metabolism Alteration. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 10015-10028.	5.2	102
20	Metabolically healthy obesity, transition to unhealthy metabolic status, and vascular disease in Chinese adults: A cohort study. <i>PLoS Medicine</i> , 2020, 17, e1003351.	8.4	100
21	Pectin and enzyme complex modified fish scales gelatin: Rheological behavior, gel properties and nanostructure. <i>Carbohydrate Polymers</i> , 2017, 156, 294-302.	10.2	99
22	Childhood BMI and Adult Type 2 Diabetes, Coronary Artery Diseases, Chronic Kidney Disease, and Cardiometabolic Traits: A Mendelian Randomization Analysis. <i>Diabetes Care</i> , 2018, 41, 1089-1096.	8.6	95
23	Green Tea and Black Tea Consumption and Prostate Cancer Risk: An Exploratory Meta-Analysis of Observational Studies. <i>Nutrition and Cancer</i> , 2011, 63, 663-672.	2.0	93
24	Physico-chemical properties of gelatin from bighead carp (<i>Hypophthalmichthys nobilis</i>) scales by ultrasound-assisted extraction. <i>Journal of Food Science and Technology</i> , 2015, 52, 2166-2174.	2.8	91
25	Associations between gut microbiota and Alzheimer's disease, major depressive disorder, and schizophrenia. <i>Journal of Neuroinflammation</i> , 2020, 17, 288.	7.2	91
26	FTO genotype and weight loss: systematic review and meta-analysis of 9563 individual participant data from eight randomised controlled trials. <i>BMJ</i> , The, 2016, 354, i4707.	6.0	88
27	Dairy consumption, systolic blood pressure, and risk of hypertension: Mendelian randomization study. <i>BMJ: British Medical Journal</i> , 2017, 356, j1000.	2.3	82
28	Comparison of microbial communities and physiochemical characteristics of two traditionally fermented vegetables. <i>Food Research International</i> , 2020, 128, 108755.	6.2	70
29	Weight-loss diets and 2-y changes in circulating amino acids in 2 randomized intervention trials. <i>American Journal of Clinical Nutrition</i> , 2016, 103, 505-511.	4.7	69
30	Investigation into allergenicity reduction and glycation sites of glycosylated β -lactoglobulin with ultrasound pretreatment by high-resolution mass spectrometry. <i>Food Chemistry</i> , 2018, 252, 99-107.	8.2	65
31	Comparison of bacterial diversity in traditionally homemade paocai and Chinese spicy cabbage. <i>Food Microbiology</i> , 2019, 83, 141-149.	4.2	64
32	FTO genotype, dietary protein, and change in appetite: the Preventing Overweight Using Novel Dietary Strategies trial. <i>American Journal of Clinical Nutrition</i> , 2014, 99, 1126-1130.	4.7	63
33	Highly Efficient Cool-White Photoluminescence of $\text{Gd}^{3+}/\text{Cu}^{2+}/\text{I}^{5-}$ Single Crystals: Formation and Optical Properties. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 13443-13451.	8.0	63
34	Multiple Nonglycemic Genomic Loci Are Newly Associated With Blood Level of Glycated Hemoglobin in East Asians. <i>Diabetes</i> , 2014, 63, 2551-2562.	0.6	61
35	Bacterial community and composition in Jiang-shui and Suan-cai revealed by high-throughput sequencing of 16S rRNA. <i>International Journal of Food Microbiology</i> , 2019, 306, 108271.	4.7	61
36	Genome-wide association studies in East Asians identify new loci for waist-hip ratio and waist circumference. <i>Scientific Reports</i> , 2016, 6, 17958.	3.3	58

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37	Comparison of rheological behaviors and nanostructure of bighead carp scales gelatin modified by different modification methods. <i>Journal of Food Science and Technology</i> , 2017, 54, 1256-1265.	2.8	58
38	Effects of Green Tea, Black Tea, and Coffee Consumption on the Risk of Esophageal Cancer: A Systematic Review and Meta-Analysis of Observational Studies. <i>Nutrition and Cancer</i> , 2013, 65, 1-16.	2.0	57
39	Unconjugated and secondary bile acid profiles in response to higher-fat, lower-carbohydrate diet and associated with related gut microbiota: A 6-month randomized controlled-feeding trial. <i>Clinical Nutrition</i> , 2020, 39, 395-404.	5.0	56
40	Healthy Sleep Patterns and Risk of Incident Arrhythmias. <i>Journal of the American College of Cardiology</i> , 2021, 78, 1197-1207.	2.8	55
41	Genetic Predisposition to Central Obesity and Risk of Type 2 Diabetes: Two Independent Cohort Studies. <i>Diabetes Care</i> , 2015, 38, 1306-1311.	8.6	54
42	Association of physical activity, sedentary behaviours and sleep duration with cardiovascular diseases and lipid profiles: a Mendelian randomization analysis. <i>Lipids in Health and Disease</i> , 2020, 19, 86.	3.0	54
43	Sleep Duration and Overweight/Obesity in Preschool-Aged Children: A Prospective Study of up to 48,922 Children of the Jiaying Birth Cohort. <i>Sleep</i> , 2016, 39, 2013-2019.	1.1	53
44	Water-Stable Zero-Dimensional (C ₄ H ₉) ₄ NCuCl ₂ Single Crystal with Highly Efficient Broadband Green Emission. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 6639-6647.	4.6	53
45	High consumption of ω -3 polyunsaturated fatty acids decrease plasma homocysteine: A meta-analysis of randomized, placebo-controlled trials. <i>Nutrition</i> , 2011, 27, 863-867.	2.4	50
46	Macronutrient Intake “Associated with FGF21 Genotype Modifies Effects of Weight-Loss Diets on 2-Year Changes of Central Adiposity and Body Composition: The POUNDS Lost Trial. <i>Diabetes Care</i> , 2016, 39, 1909-1914.	8.6	50
47	Effects of Macronutrient Distribution on Weight and Related Cardiometabolic Profile in Healthy Non-Obese Chinese: A 6-month, Randomized Controlled-Feeding Trial. <i>EBioMedicine</i> , 2017, 22, 200-207.	6.1	50
48	Pure White Emission with 91.9% Photoluminescence Quantum Yield of [(C ₃ H ₇) ₄ N] ₂ Cu ₂ l ₄ out of Polaronic States and Ultra-High Color Rendering Index. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 12395-12403.	8.0	47
49	Increased plasma ω -3 polyunsaturated fatty acid is associated with improved insulin sensitivity in type 2 diabetes in China. <i>Molecular Nutrition and Food Research</i> , 2010, 54, S112-9.	3.3	46
50	Genome-wide meta-analysis of macronutrient intake of 91,114 European ancestry participants from the cohorts for heart and aging research in genomic epidemiology consortium. <i>Molecular Psychiatry</i> , 2019, 24, 1920-1932.	7.9	44
51	Vitamin D and cause-specific vascular disease and mortality: a Mendelian randomisation study involving 99,012 Chinese and 106,911 European adults. <i>BMC Medicine</i> , 2019, 17, 160.	5.5	44
52	Docosahexaenoic acid decreases plasma homocysteine via regulating enzyme activity and mRNA expression involved in methionine metabolism. <i>Nutrition</i> , 2010, 26, 112-119.	2.4	43
53	DNA Methylation Variants at <i>HIF3A</i> Locus, B-Vitamin Intake, and Long-term Weight Change: Gene-Diet Interactions in Two U.S. Cohorts. <i>Diabetes</i> , 2015, 64, 3146-3154.	0.6	43
54	Effects of Dairy Products Consumption on Body Weight and Body Composition Among Adults: An Updated Meta-Analysis of 37 Randomized Control Trials. <i>Molecular Nutrition and Food Research</i> , 2018, 62, 1700410.	3.3	43

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55	Diet quality and genetic association with body mass index: results from 3 observational studies. <i>American Journal of Clinical Nutrition</i> , 2018, 108, 1291-1300.	4.7	43
56	Bulk assembly of a OD organic antimony chloride hybrid with highly efficient orange dual emission by self-trapped states. <i>Journal of Materials Chemistry C</i> , 2021, 9, 12184-12190.	5.5	43
57	Weight-Loss Diets, Adiponectin, and Changes in Cardiometabolic Risk in the 2-Year POUNDS Lost Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 2415-2422.	3.6	42
58	Monitoring of the functional properties and unfolding change of Ovalbumin after DHPM treatment by HDX and FTICR MS. <i>Food Chemistry</i> , 2017, 227, 413-421.	8.2	42
59	Habitual coffee consumption and genetic predisposition to obesity: gene-diet interaction analyses in three US prospective studies. <i>BMC Medicine</i> , 2017, 15, 97.	5.5	41
60	Association of Birth Weight With Type 2 Diabetes and Glycemic Traits. <i>JAMA Network Open</i> , 2019, 2, e1910915.	5.9	41
61	Effect of n-3 polyunsaturated fatty acid on gene expression of the critical enzymes involved in homocysteine metabolism. <i>Nutrition Journal</i> , 2012, 11, 6.	3.4	39
62	Exclusive Breastfeeding Is Inversely Associated with Risk of Childhood Overweight in a Large Chinese Cohort. <i>Journal of Nutrition</i> , 2014, 144, 1454-1459.	2.9	38
63	Sediment record of polycyclic aromatic hydrocarbons in Dianchi lake, southwest China: Influence of energy structure changes and economic development. <i>Chemosphere</i> , 2020, 248, 126015.	8.2	38
64	Genetic risk, adherence to a healthy lifestyle, and type 2 diabetes risk among 550,000 Chinese adults: results from 2 independent Asian cohorts. <i>American Journal of Clinical Nutrition</i> , 2020, 111, 698-707.	4.7	38
65	Plasma phospholipids ω -3 polyunsaturated fatty acid is associated with metabolic syndrome. <i>Molecular Nutrition and Food Research</i> , 2010, 54, 1628-1635.	3.3	36
66	Recent Positive Selection Drives the Expansion of a Schizophrenia Risk Nonsynonymous Variant at <i>SLC39A8</i> in Europeans. <i>Schizophrenia Bulletin</i> , 2016, 42, sbv070.	4.3	35
67	<i>PCSK7</i> Genotype Modifies Effect of a Weight-Loss Diet on 2-Year Changes of Insulin Resistance: The POUNDS LOST Trial. <i>Diabetes Care</i> , 2015, 38, 439-444.	8.6	35
68	Characteristics of fish gelatin-anionic polysaccharide complexes and their applications in yoghurt: Rheology and tribology. <i>Food Chemistry</i> , 2021, 343, 128413.	8.2	35
69	Association of healthy lifestyle with cognitive function among Chinese older adults. <i>European Journal of Clinical Nutrition</i> , 2021, 75, 325-334.	2.9	35
70	Efficient Yellow Self-Trapped Exciton Emission in Sb ³⁺ -Doped RbCdCl ₃ Metal Halides. <i>Inorganic Chemistry</i> , 2022, 61, 7143-7152.	4.0	34
71	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. <i>British Journal of Nutrition</i> , 2016, 115, 509-516.	2.3	33
72	Source identification of particulate organic carbon using stable isotopes and n-alkanes: modeling and application. <i>Water Research</i> , 2021, 197, 117083.	11.3	33

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73	Bulk Assembly of Zero-Dimensional Organic Copper Bromide Hybrid with Bright Self-Trapped Exciton Emission and High Antiwater Stability. <i>Journal of Physical Chemistry C</i> , 2021, 125, 20014-20021.	3.1	33
74	The identification of three mammalian gelatins by liquid chromatography-high resolution mass spectrometry. <i>LWT - Food Science and Technology</i> , 2018, 89, 74-86.	5.2	32
75	Cadmium removal from urban stormwater runoff via bioretention technology and effluent risk assessment for discharge to surface water. <i>Journal of Contaminant Hydrology</i> , 2016, 185-186, 42-50.	3.3	31
76	Cardiovascular pathogenesis in hyperhomocysteinemia. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2008, 17, 8-16.	0.4	31
77	Dietary Fat Modifies the Effects of FTO Genotype on Changes in Insulin Sensitivity. <i>Journal of Nutrition</i> , 2015, 145, 977-982.	2.9	30
78	Genetic susceptibility to diabetes and long-term improvement of insulin resistance and β cell function during weight loss: the Preventing Overweight Using Novel Dietary Strategies (POUNDS LOST) trial. <i>American Journal of Clinical Nutrition</i> , 2016, 104, 198-204.	4.7	30
79	The Mechanism of Decreased IgG/IgE-Binding of Ovalbumin by Preheating Treatment Combined with Glycation Identified by Liquid Chromatography and High-Resolution Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 10693-10702.	5.2	30
80	Improving fruit and vegetable intake attenuates the genetic association with long-term weight gain. <i>American Journal of Clinical Nutrition</i> , 2019, 110, 759-768.	4.7	30
81	Life Course Adiposity and Amyotrophic Lateral Sclerosis: A Mendelian Randomization Study. <i>Annals of Neurology</i> , 2020, 87, 434-441.	5.3	30
82	Causal relationships between gut metabolites and Alzheimer's disease: a bidirectional Mendelian randomization study. <i>Neurobiology of Aging</i> , 2021, 100, 119.e15-119.e18.	3.1	30
83	Starch Digestion-Related Amylase Genetic Variant Affects 2-Year Changes in Adiposity in Response to Weight-Loss Diets: The POUNDS Lost Trial. <i>Diabetes</i> , 2017, 66, 2416-2423.	0.6	29
84	Influence of dynamic high pressure microfluidization on functional properties and structure of gelatin from bighead carp (<i>Hypophthalmichthys nobilis</i>) scale. <i>Journal of Food Processing and Preservation</i> , 2018, 42, e13607.	2.0	29
85	Lower Circulating Branched-Chain Amino Acid Concentrations Among Vegetarians are Associated with Changes in Gut Microbial Composition and Function. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1900612.	3.3	29
86	Dietary glutamine, glutamate and mortality: two large prospective studies in US men and women. <i>International Journal of Epidemiology</i> , 2018, 47, 311-320.	1.9	28
87	Metatranscriptomics reveals the gene functions and metabolic properties of the major microbial community during Chinese Sichuan Paocai fermentation. <i>Food Microbiology</i> , 2021, 98, 103573.	4.2	28
88	Methylenetetrahydrofolate Reductase Variants Associated with Hypertension and Cardiovascular Disease Interact with Dietary Polyunsaturated Fatty Acids to Modulate Plasma Homocysteine in Puerto Rican Adults. <i>Journal of Nutrition</i> , 2011, 141, 654-659.	2.9	27
89	Low Docosahexaenoic Acid Content in Plasma Phospholipids is Associated with Increased Non-alcoholic Fatty Liver Disease in China. <i>Lipids</i> , 2012, 47, 549-556.	1.7	27
90	A circadian rhythm-related MTNR1B genetic variant modulates the effect of weight-loss diets on changes in adiposity and body composition: the POUNDS Lost trial. <i>European Journal of Nutrition</i> , 2019, 58, 1381-1389.	3.9	27

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91	The adsorption of lead(II) ions by dynamic high pressure micro-fluidization treated insoluble soybean dietary fiber. <i>Journal of Food Science and Technology</i> , 2016, 53, 2532-2539.	2.8	26
92	Plasma Taurine, Diabetes Genetic Predisposition, and Changes of Insulin Sensitivity in Response to Weight-Loss Diets. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 3820-3826.	3.6	26
93	Liquid Chromatography High-Resolution Mass Spectrometry Identifies the Glycation Sites of Bovine Serum Albumin Induced by α -D-Glucose with Ultrasonic Treatment. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 563-570.	5.2	26
94	Coordination of m6A mRNA methylation and gene transcriptome in rice response to cadmium stress. <i>Rice</i> , 2021, 14, 62.	4.0	26
95	Habitual consumption of long-chain n-3 PUFAs and fish attenuates genetically associated long-term weight gain. <i>American Journal of Clinical Nutrition</i> , 2019, 109, 665-673.	4.7	25
96	Effect of vitamin B-12 and n-3 polyunsaturated fatty acids on plasma homocysteine, ferritin, C-reactive protein, and other cardiovascular risk factors: a randomized controlled trial. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2015, 24, 403-11.	0.4	25
97	Role of sleep quality in the acceleration of biological aging and its potential for preventive interaction on air pollution insults: Findings from the UK Biobank cohort. <i>Aging Cell</i> , 2022, 21, e13610.	6.7	25
98	Effect of Polyunsaturated Fatty Acids on Homocysteine Metabolism through Regulating the Gene Expressions Involved in Methionine Metabolism. <i>Scientific World Journal</i> , The, 2013, 2013, 1-8.	2.1	24
99	Dual self-trapped exciton emission of (TBA) ₂ CuI ₄ : optical properties and high anti-water stability. <i>Journal of Materials Chemistry C</i> , 2021, 9, 16014-16021.	5.5	24
100	Complementary Feeding and Childhood Adiposity in Preschool-Aged Children in a Large Chinese Cohort. <i>Journal of Pediatrics</i> , 2015, 166, 326-331.e2.	1.8	23
101	Association of healthy lifestyle including a healthy sleep pattern with incident type 2 diabetes mellitus among individuals with hypertension. <i>Cardiovascular Diabetology</i> , 2021, 20, 239.	6.8	23
102	The Reduction in the IgE-Binding Ability of β -Lactoglobulin by Dynamic High-Pressure Microfluidization Coupled with Glycation Treatment Revealed by High-Resolution Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 6179-6187.	5.2	22
103	Maternal Blood Pressure Rise During Pregnancy and Offspring Obesity Risk at 4 to 7 Years Old: The Jiaxing Birth Cohort. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 4315-4322.	3.6	22
104	Genomic analysis revealed adaptive mechanism to plant-related fermentation of <i>Lactobacillus plantarum</i> NCU116 and <i>Lactobacillus</i> spp.. <i>Genomics</i> , 2020, 112, 703-711.	2.9	22
105	Gelatin Quantification by Oxygen-18 Labeling and Liquid Chromatography-High-Resolution Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 11840-11853.	5.2	20
106	Vitamin D metabolism-related genetic variants, dietary protein intake and improvement of insulin resistance in a 2-year weight-loss trial: POUNDS Lost. <i>Diabetologia</i> , 2015, 58, 2791-2799.	6.3	20
107	Macronutrient-specific effect of the MTNR1B genotype on lipid levels in response to 2 year weight-loss diets. <i>Journal of Lipid Research</i> , 2018, 59, 155-161.	4.2	20
108	Dairy Intake and Body Composition and Cardiometabolic Traits among Adults: Mendelian Randomization Analysis of 182041 Individuals from 18 Studies. <i>Clinical Chemistry</i> , 2019, 65, 751-760.	3.2	20

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109	Widespread vitamin D deficiency and its sex-specific association with adiposity in Chinese children and adolescents. <i>Nutrition</i> , 2020, 71, 110646.	2.4	20
110	Novel polyimides containing flexible carbazole blocks with electrochromic and electrofluorescencechromic properties. <i>RSC Advances</i> , 2020, 10, 6992-7003.	3.6	19
111	An Improved Genome-Wide Polygenic Score Model for Predicting the Risk of Type 2 Diabetes. <i>Frontiers in Genetics</i> , 2021, 12, 632385.	2.3	19
112	Associations of plasma phospholipid fatty acids with plasma homocysteine in Chinese vegetarians. <i>British Journal of Nutrition</i> , 2013, 109, 1688-1694.	2.3	18
113	Prolonged Exclusive Breastfeeding Duration Is Positively Associated with Risk of Anemia in Infants Aged 12 Months. <i>Journal of Nutrition</i> , 2016, 146, 1707-1713.	2.9	18
114	Integration of an interpretable machine learning algorithm to identify early life risk factors of childhood obesity among preterm infants: a prospective birth cohort. <i>BMC Medicine</i> , 2020, 18, 184.	5.5	18
115	Source analysis and influencing factors of historical changes in PAHs in the sediment core of Fuxian Lake, China. <i>Environmental Pollution</i> , 2021, 288, 117935.	7.5	18
116	Genetic variants in desaturase gene, erythrocyte fatty acids, and risk for type 2 diabetes in Chinese Hans. <i>Nutrition</i> , 2014, 30, 897-902.	2.4	17
117	Dietary Protein Modifies the Effect of the MC4R Genotype on 2-Year Changes in Appetite and Food Craving: The POUNDS Lost Trial. <i>Journal of Nutrition</i> , 2017, 147, jn242958.	2.9	17
118	<i>HNF1A</i> variant, energy-reduced diets and insulin resistance improvement during weight loss: The POUNDS Lost trial and DIRECT. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 1445-1452.	4.4	17
119	Rheological and structural properties of fish scales gelatin: Effects of conventional and ultrasound-assisted extraction. <i>International Journal of Food Properties</i> , 2017, , 1-11.	3.0	16
120	Performance of gender- and age-specific cut-points versus NCEP pediatric cutpoints in dyslipidemia screening among Chinese children. <i>Atherosclerosis</i> , 2019, 280, 37-44.	0.8	16
121	Instrumental variable analysis in the presence of unmeasured confounding. <i>Annals of Translational Medicine</i> , 2018, 6, 182-182.	1.7	16
122	Interactions between genetic variants of folate metabolism genes and lifestyle affect plasma homocysteine concentrations in the Boston Puerto Rican population. <i>Public Health Nutrition</i> , 2011, 14, 1805-1812.	2.2	15
123	Ready-to-Eat Cereal Consumption with Total and Cause-Specific Mortality: Prospective Analysis of 367,442 Individuals. <i>Journal of the American College of Nutrition</i> , 2016, 35, 217-223.	1.8	15
124	Association between dietary fat intake and insulin resistance in Chinese child twins. <i>British Journal of Nutrition</i> , 2017, 117, 230-236.	2.3	15
125	Dietary diversity and all-cause mortality among Chinese adults aged 65 or older: A community-based cohort study. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2020, 29, 152-160.	0.4	15
126	Nutritional Biomarkers, Gene-Diet Interaction, and Risk Factors for Type 2 Diabetes. <i>Journal of Diabetes Research</i> , 2016, 2016, 1-2.	2.3	14

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127	Genetic Susceptibility, Change in Physical Activity, and Long-term Weight Gain. <i>Diabetes</i> , 2017, 66, 2704-2712.	0.6	14
128	Comparison of the bacterial communities in home-made Nanfeng yancai with and without salt. <i>Food Research International</i> , 2019, 125, 108509.	6.2	14
129	High atmospheric wet nitrogen deposition and major sources in two cities of Yangtze River Delta: Combustion-related NH ₃ and non-fossil fuel NO _x . <i>Science of the Total Environment</i> , 2022, 806, 150502.	8.0	14
130	Blood DNA methylation markers associated with type 2 diabetes, fasting glucose, and HbA1c levels: An epigenome-wide association study in 316 adult twin pairs. <i>Genomics</i> , 2021, 113, 4206-4213.	2.9	14
131	Plasma n-3 and n-6 fatty acids and inflammatory markers in Chinese vegetarians. <i>Lipids in Health and Disease</i> , 2014, 13, 151.	3.0	13
132	Maternal central obesity and birth size: a Mendelian randomization analysis. <i>Lipids in Health and Disease</i> , 2018, 17, 181.	3.0	13
133	Shared genetic architecture and casual relationship between leptin levels and type 2 diabetes: large-scale cross-trait meta-analysis and Mendelian randomization analysis. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e001140.	2.8	13
134	Identification of cold tolerance QTLs at the bud burst stage in 211 rice landraces by GWAS. <i>BMC Plant Biology</i> , 2021, 21, 542.	3.6	13
135	Associations of Common Variants in Methionine Metabolism Pathway Genes with Plasma Homocysteine and the Risk of Type 2 Diabetes in Han Chinese. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2014, 7, 63-74.	1.3	12
136	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. <i>Nutrients</i> , 2017, 9, 376.	4.1	12
137	Disturbance mechanisms of lacustrine organic carbon burial: Case study of Cuopu Lake, Southwest China. <i>Science of the Total Environment</i> , 2020, 746, 140615.	8.0	12
138	Education, intelligence, and amyotrophic lateral sclerosis: A Mendelian randomization study. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 1642-1647.	3.7	12
139	Assessment of causal association between thyroid function and lipid metabolism: a Mendelian randomization study. <i>Chinese Medical Journal</i> , 2021, 134, 1064-1069.	2.3	12
140	Genetic variations of circulating adiponectin levels modulate changes in appetite in response to weight-loss diets. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, jc.2016-2909.	3.6	11
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