Tao Huang

List of Publications by Year in descending order

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Version: 2024-02-01

243 papers 8,309 citations

45 h-index 69214 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. Gut, 2019, 68, 1417-1429.	6.1	422
2	The trans-ancestral genomic architecture of glycemic traits. Nature Genetics, 2021, 53, 840-860.	9.4	341
3	Genome Analyses of >200,000 Individuals Identify 58 Loci for Chronic Inflammation and Highlight Pathways that Link Inflammation and Complex Disorders. American Journal of Human Genetics, 2018, 103, 691-706.	2.6	326
4	Cardiovascular Disease Mortality and Cancer Incidence in Vegetarians: A Meta-Analysis and Systematic Review. Annals of Nutrition and Metabolism, 2012, 60, 233-240.	1.0	299
5	Fish consumption and CHD mortality: an updated meta-analysis of seventeen cohort studies. Public Health Nutrition, 2012, 15, 725-737.	1.1	260
6	Fish gelatin modifications: A comprehensive review. Trends in Food Science and Technology, 2019, 86, 260-269.	7.8	183
7	Correlation between microbiota and flavours in fermentation of Chinese Sichuan Paocai. Food Research International, 2018, 114, 123-132.	2.9	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. PLoS ONE, 2014, 9, e88103.	1.1	170
9	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. Nature Communications, 2017, 8, 14977.	5.8	169
10	Genome-wide physical activity interactions in adiposity ― A meta-analysis of 200,452 adults. PLoS Genetics, 2017, 13, e1006528.	1.5	158
11	Consumption of whole grains and cereal fiber and total and cause-specific mortality: prospective analysis of 367,442 individuals. BMC Medicine, 2015, 13, 59.	2.3	117
12	Association of homocysteine with type 2 diabetes: a meta-analysis implementing Mendelian randomization approach. BMC Genomics, 2013, 14, 867.	1.2	115
13	Assessment of Causal Direction Between Gut Microbiota–Dependent Metabolites and Cardiometabolic Health: A Bidirectional Mendelian Randomization Analysis. Diabetes, 2019, 68, 1747-1755.	0.3	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. PLoS ONE, 2012, 7, e44525.	1.1	108
15	Meta-analysis of B vitamin supplementation on plasma homocysteine, cardiovascular and all-cause mortality. Clinical Nutrition, 2012, 31, 448-454.	2.3	107
16	Improving adherence to healthy dietary patterns, genetic risk, and long term weight gain: gene-diet interaction analysis in two prospective cohort studies. BMJ: British Medical Journal, 2018, 360, j5644.	2.4	107
17	Rheological behavior, emulsifying properties and structural characterization of phosphorylated fish gelatin. Food Chemistry, 2018, 246, 428-436.	4.2	107
18	Fish oil supplementation and insulin sensitivity: a systematic review and meta-analysis. Lipids in Health and Disease, 2017, 16, 131.	1,2	103

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19	Hypoglycemic and Hypolipidemic Mechanism of Tea Polysaccharides on Type 2 Diabetic Rats via Gut Microbiota and Metabolism Alteration. Journal of Agricultural and Food Chemistry, 2020, 68, 10015-10028.	2.4	102
20	Metabolically healthy obesity, transition to unhealthy metabolic status, and vascular disease in Chinese adults: A cohort study. PLoS Medicine, 2020, 17, e1003351.	3.9	100
21	Pectin and enzyme complex modified fish scales gelatin: Rheological behavior, gel properties and nanostructure. Carbohydrate Polymers, 2017, 156, 294-302.	5.1	99
22	Childhood BMI and Adult Type 2 Diabetes, Coronary Artery Diseases, Chronic Kidney Disease, and Cardiometabolic Traits: A Mendelian Randomization Analysis. Diabetes Care, 2018, 41, 1089-1096.	4.3	95
23	Green Tea and Black Tea Consumption and Prostate Cancer Risk: An Exploratory Meta-Analysis of Observational Studies. Nutrition and Cancer, 2011, 63, 663-672.	0.9	93
24	Physico-chemical properties of gelatin from bighead carp (Hypophthalmichthys nobilis) scales by ultrasound-assisted extraction. Journal of Food Science and Technology, 2015, 52, 2166-2174.	1.4	91
25	Associations between gut microbiota and Alzheimer's disease, major depressive disorder, and schizophrenia. Journal of Neuroinflammation, 2020, 17, 288.	3.1	91
26	FTO genotype and weight loss: systematic review and meta-analysis of 9563 individual participant data from eight randomised controlled trials. BMJ, The, 2016, 354, i4707.	3.0	88
27	Dairy consumption, systolic blood pressure, and risk of hypertension: Mendelian randomization study. BMJ: British Medical Journal, 2017, 356, j1000.	2.4	82
28	Comparison of microbial communities and physiochemical characteristics of two traditionally fermented vegetables. Food Research International, 2020, 128, 108755.	2.9	70
29	Weight-loss diets and 2-y changes in circulating amino acids in 2 randomized intervention trials. American Journal of Clinical Nutrition, 2016, 103, 505-511.	2.2	69
30	Investigation into allergenicity reduction and glycation sites of glycated \hat{l}^2 -lactoglobulin with ultrasound pretreatment by high-resolution mass spectrometry. Food Chemistry, 2018, 252, 99-107.	4.2	65
31	Comparison of bacterial diversity in traditionally homemade paocai and Chinese spicy cabbage. Food Microbiology, 2019, 83, 141-149.	2.1	64
32	FTO genotype, dietary protein, and change in appetite: the Preventing Overweight Using Novel Dietary Strategies trial. American Journal of Clinical Nutrition, 2014, 99, 1126-1130.	2.2	63
33	Highly Efficient Cool-White Photoluminescence of (Gua) ₃ Cu ₂ I ₅ Single Crystals: Formation and Optical Properties. ACS Applied Materials & Samp; Interfaces, 2021, 13, 13443-13451.	4.0	63
34	Multiple Nonglycemic Genomic Loci Are Newly Associated With Blood Level of Glycated Hemoglobin in East Asians. Diabetes, 2014, 63, 2551-2562.	0.3	61
35	Bacterial community and composition in Jiang-shui and Suan-cai revealed by high-throughput sequencing of 16S rRNA. International Journal of Food Microbiology, 2019, 306, 108271.	2.1	61
36	Genome-wide association studies in East Asians identify new loci for waist-hip ratio and waist circumference. Scientific Reports, 2016, 6, 17958.	1.6	58

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37	Comparison of rheological behaviors and nanostructure of bighead carp scales gelatin modified by different modification methods. Journal of Food Science and Technology, 2017, 54, 1256-1265.	1.4	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. Nutrition and Cancer, 2013, 65, 1-16.	0.9	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. Clinical Nutrition, 2020, 39, 395-404.	2.3	56
40	Healthy Sleep Patterns and Risk of Incident Arrhythmias. Journal of the American College of Cardiology, 2021, 78, 1197-1207.	1.2	55
41	Genetic Predisposition to Central Obesity and Risk of Type 2 Diabetes: Two Independent Cohort Studies. Diabetes Care, 2015, 38, 1306-1311.	4.3	54
42	Association of physical activity, sedentary behaviours and sleep duration with cardiovascular diseases and lipid profiles: a Mendelian randomization analysis. Lipids in Health and Disease, 2020, 19, 86.	1.2	54
43	Sleep Duration and Overweight/Obesity in Preschool-Aged Children: A Prospective Study of up to 48,922 Children of the Jiaxing Birth Cohort. Sleep, 2016, 39, 2013-2019.	0.6	53
44	Water-Stable Zero-Dimensional (C ₄ H ₉) ₄ NCuCl ₂ Single Crystal with Highly Efficient Broadband Green Emission. Journal of Physical Chemistry Letters, 2021, 12, 6639-6647.	2.1	53
45	High consumption of \hat{l} ©-3 polyunsaturated fatty acids decrease plasma homocysteine: A meta-analysis of randomized, placebo-controlled trials. Nutrition, 2011, 27, 863-867.	1.1	50
46	Macronutrient Intake–Associated <i>>FGF21</i> Genotype Modifies Effects of Weight-Loss Diets on 2-Year Changes of Central Adiposity and Body Composition: The POUNDS Lost Trial. Diabetes Care, 2016, 39, 1909-1914.	4.3	50
47	Effects of Macronutrient Distribution on Weight and Related Cardiometabolic Profile in Healthy Non-Obese Chinese: A 6-month, Randomized Controlled-Feeding Trial. EBioMedicine, 2017, 22, 200-207.	2.7	50
48	Pure White Emission with 91.9% Photoluminescence Quantum Yield of [(C ₃ H ₇) ₄ N] ₂ Cu ₂ I ₄ out of Polaronic States and Ultra-High Color Rendering Index. ACS Applied Materials & Samp; Interfaces, 2022, 14, 12395-12403.	4.0	47
49	Increased plasma nâ€3 polyunsaturated fatty acid is associated with improved insulin sensitivity in type 2 diabetes in China. Molecular Nutrition and Food Research, 2010, 54, S112-9.	1.5	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. Molecular Psychiatry, 2019, 24, 1920-1932.	4.1	44
51	Vitamin D and cause-specific vascular disease and mortality: a Mendelian randomisation study involving 99,012 Chinese and 106,911 European adults. BMC Medicine, 2019, 17, 160.	2.3	44
52	Docosahexaenoic acid decreases plasma homocysteine via regulating enzyme activity and mRNA expression involved inÂmethionine metabolism. Nutrition, 2010, 26, 112-119.	1.1	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. Diabetes, 2015, 64, 3146-3154.	0.3	43
54	Effects of Dairy Products Consumption on Body Weight and Body Composition Among Adults: An Updated Metaâ€Analysis of 37 Randomized Control Trials. Molecular Nutrition and Food Research, 2018, 62, 1700410.	1.5	43

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55	Diet quality and genetic association with body mass index: results from 3 observational studies. American Journal of Clinical Nutrition, 2018, 108, 1291-1300.	2.2	43
56	Bulk assembly of a OD organic antimony chloride hybrid with highly efficient orange dual emission by self-trapped states. Journal of Materials Chemistry C, 2021, 9, 12184-12190.	2.7	43
57	Weight-Loss Diets, Adiponectin, and Changes in Cardiometabolic Risk in the 2-Year POUNDS Lost Trial. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 2415-2422.	1.8	42
58	Monitoring of the functional properties and unfolding change of Ovalbumin after DHPM treatment by HDX and FTICR MS. Food Chemistry, 2017, 227, 413-421.	4.2	42
59	Habitual coffee consumption and genetic predisposition to obesity: gene-diet interaction analyses in three US prospective studies. BMC Medicine, 2017, 15, 97.	2.3	41
60	Association of Birth Weight With Type 2 Diabetes and Glycemic Traits. JAMA Network Open, 2019, 2, e1910915.	2.8	41
61	Effect of n-3 polyunsaturated fatty acid on gene expression of the critical enzymes involved in homocysteine metabolism. Nutrition Journal, 2012, 11, 6.	1.5	39
62	Exclusive Breastfeeding Is Inversely Associated with Risk of Childhood Overweight in a Large Chinese Cohort. Journal of Nutrition, 2014, 144, 1454-1459.	1.3	38
63	Sediment record of polycyclic aromatic hydrocarbons in Dianchi lake, southwest China: Influence of energy structure changes and economic development. Chemosphere, 2020, 248, 126015.	4.2	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. American Journal of Clinical Nutrition, 2020, 111, 698-707.	2.2	38
65	Plasma phospholipids <i>n</i> àâ€3 polyunsaturated fatty acid is associated with metabolic syndrome. Molecular Nutrition and Food Research, 2010, 54, 1628-1635.	1.5	36
66	Recent Positive Selection Drives the Expansion of a Schizophrenia Risk Nonsynonymous Variant at <i>SLC39A8</i> in Europeans. Schizophrenia Bulletin, 2016, 42, sbv070.	2.3	35
67	<i>PCSK7</i> Genotype Modifies Effect of a Weight-Loss Diet on 2-Year Changes of Insulin Resistance: The POUNDS LOST Trial. Diabetes Care, 2015, 38, 439-444.	4.3	35
68	Characteristics of fish gelatin-anionic polysaccharide complexes and their applications in yoghurt: Rheology and tribology. Food Chemistry, 2021, 343, 128413.	4.2	35
69	Association of healthy lifestyle with cognitive function among Chinese older adults. European Journal of Clinical Nutrition, 2021, 75, 325-334.	1.3	35
70	Efficient Yellow Self-Trapped Exciton Emission in Sb ³⁺ -Doped RbCdCl ₃ Metal Halides. Inorganic Chemistry, 2022, 61, 7143-7152.	1.9	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. British Journal of Nutrition, 2016, 115, 509-516.	1.2	33
72	Source identification of particulate organic carbon using stable isotopes and n-alkanes: modeling and application. Water Research, 2021 , 197 , 117083 .	5.3	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. Journal of Physical Chemistry C, 2021, 125, 20014-20021.	1.5	33
74	The identification of three mammalian gelatins by liquid chromatography-high resolution mass spectrometry. LWT - Food Science and Technology, 2018, 89, 74-86.	2.5	32
75	Cadmium removal from urban stormwater runoff via bioretention technology and effluent risk assessment for discharge to surface water. Journal of Contaminant Hydrology, 2016, 185-186, 42-50.	1.6	31
76	Cardiovascular pathogenesis in hyperhomocysteinemia. Asia Pacific Journal of Clinical Nutrition, 2008, 17, 8-16.	0.3	31
77	Dietary Fat Modifies the Effects of FTO Genotype on Changes in Insulin Sensitivity. Journal of Nutrition, 2015, 145, 977-982.	1.3	30
78	Genetic susceptibility to diabetes and long-term improvement of insulin resistance and \hat{l}^2 cell function during weight loss: the Preventing Overweight Using Novel Dietary Strategies (POUNDS LOST) trial. American Journal of Clinical Nutrition, 2016, 104, 198-204.	2.2	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. Journal of Agricultural and Food Chemistry, 2018, 66, 10693-10702.	2.4	30
80	Improving fruit and vegetable intake attenuates the genetic association with long-term weight gain. American Journal of Clinical Nutrition, 2019, 110, 759-768.	2.2	30
81	Life Course Adiposity and Amyotrophic Lateral Sclerosis: A Mendelian Randomization Study. Annals of Neurology, 2020, 87, 434-441.	2.8	30
82	Causal relationships between gut metabolites and Alzheimer's disease: a bidirectional Mendelian randomization study. Neurobiology of Aging, 2021, 100, 119.e15-119.e18.	1.5	30
83	Starch Digestion–Related Amylase Genetic Variant Affects 2-Year Changes in Adiposity in Response to Weight-Loss Diets: The POUNDS Lost Trial. Diabetes, 2017, 66, 2416-2423.	0.3	29
84	Influence of dynamic high pressure microfluidization on functional properties and structure of gelatin from bighead carp (<i>Hypophthalmichthys nobilis</i>) scale. Journal of Food Processing and Preservation, 2018, 42, e13607.	0.9	29
85	Lower Circulating Branched hain Amino Acid Concentrations Among Vegetarians are Associated with Changes in Gut Microbial Composition and Function. Molecular Nutrition and Food Research, 2019, 63, e1900612.	1.5	29
86	Dietary glutamine, glutamate and mortality: two large prospective studies in US men and women. International Journal of Epidemiology, 2018, 47, 311-320.	0.9	28
87	Metatranscriptomics reveals the gene functions and metabolic properties of the major microbial community during Chinese Sichuan Paocai fermentation. Food Microbiology, 2021, 98, 103573.	2.1	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. Journal of Nutrition, 2011, 141, 654-659.	1.3	27
89	Low Docosahexaenoic Acid Content in Plasma Phospholipids is Associated with Increased Nonâ€alcoholic Fatty Liver Disease in China. Lipids, 2012, 47, 549-556.	0.7	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. European Journal of Nutrition, 2019, 58, 1381-1389.	1.8	27

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91	The adsorption of lead(II) ions by dynamic high pressure micro-fluidization treated insoluble soybean dietary fiber. Journal of Food Science and Technology, 2016, 53, 2532-2539.	1.4	26
92	Plasma Taurine, Diabetes Genetic Predisposition, and Changes of Insulin Sensitivity in Response to Weight-Loss Diets. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 3820-3826.	1.8	26
93	Liquid Chromatography High-Resolution Mass Spectrometry Identifies the Glycation Sites of Bovine Serum Albumin Induced by <scp>d</scp> -Ribose with Ultrasonic Treatment. Journal of Agricultural and Food Chemistry, 2018, 66, 563-570.	2.4	26
94	Coordination of m6A mRNA methylation and gene transcriptome in rice response to cadmium stress. Rice, 2021, 14, 62.	1.7	26
95	Habitual consumption of long-chain n–3 PUFAs and fish attenuates genetically associated long-term weight gain. American Journal of Clinical Nutrition, 2019, 109, 665-673.	2.2	25
96	Effect of vitamin B-12 and n-3 polyunsaturated fatty acids on plasma homocysteine, ferritin, C-reaction protein, and other cardiovascular risk factors: a randomized controlled trial. Asia Pacific Journal of Clinical Nutrition, 2015, 24, 403-11.	0.3	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. Aging Cell, 2022, 21, e13610.	3.0	25
98	Effect of Polyunsaturated Fatty Acids on Homocysteine Metabolism through Regulating the Gene Expressions Involved in Methionine Metabolism. Scientific World Journal, The, 2013, 2013, 1-8.	0.8	24
99	Dual self-trapped exciton emission of (TBA) < sub>2 < /sub>Cu < sub>2 < /sub>I < sub>4 < /sub>: optical properties and high anti-water stability. Journal of Materials Chemistry C, 2021, 9, 16014-16021.	2.7	24
100	Complementary Feeding and Childhood Adiposity in Preschool-Aged Children in a Large Chinese Cohort. Journal of Pediatrics, 2015, 166, 326-331.e2.	0.9	23
101	Association of healthy lifestyle including a healthy sleep pattern with incident type 2 diabetes mellitus among individuals with hypertension. Cardiovascular Diabetology, 2021, 20, 239.	2.7	23
102	The Reduction in the IgE-Binding Ability of \hat{l}^2 -Lactoglobulin by Dynamic High-Pressure Microfluidization Coupled with Glycation Treatment Revealed by High-Resolution Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2017, 65, 6179-6187.	2.4	22
103	Maternal Blood Pressure Rise During Pregnancy and Offspring Obesity Risk at 4 to 7 Years Old: The Jiaxing Birth Cohort. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 4315-4322.	1.8	22
104	Genomic analysis revealed adaptive mechanism to plant-related fermentation of Lactobacillus plantarum NCU116 and Lactobacillus spp Genomics, 2020, 112, 703-711.	1.3	22
105	Gelatin Quantification by Oxygen-18 Labeling and Liquid Chromatography–High-Resolution Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2014, 62, 11840-11853.	2.4	20
106	Vitamin D metabolism-related genetic variants, dietary protein intake and improvement of insulin resistance in a 2Âyear weight-loss trial: POUNDS Lost. Diabetologia, 2015, 58, 2791-2799.	2.9	20
107	Macronutrient-specific effect of the MTNR1B genotype on lipid levels in response to 2 year weight-loss diets. Journal of Lipid Research, 2018, 59, 155-161.	2.0	20
108	Dairy Intake and Body Composition and Cardiometabolic Traits among Adults: Mendelian Randomization Analysis of 182041 Individuals from 18 Studies. Clinical Chemistry, 2019, 65, 751-760.	1.5	20

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109	Widespread vitamin D deficiency and its sex-specific association with adiposity in Chinese children and adolescents. Nutrition, 2020, 71, 110646.	1.1	20
110	Novel polyimides containing flexible carbazole blocks with electrochromic and electrofluorescencechromic properties. RSC Advances, 2020, 10, 6992-7003.	1.7	19
111	An Improved Genome-Wide Polygenic Score Model for Predicting the Risk of Type 2 Diabetes. Frontiers in Genetics, 2021, 12, 632385.	1.1	19
112	Associations of plasma phospholipid fatty acids with plasma homocysteine in Chinese vegetarians. British Journal of Nutrition, 2013, 109, 1688-1694.	1.2	18
113	Prolonged Exclusive Breastfeeding Duration Is Positively Associated with Risk of Anemia in Infants Aged 12 Months. Journal of Nutrition, 2016, 146, 1707-1713.	1.3	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. BMC Medicine, 2020, 18, 184.	2.3	18
115	Source analysis and influencing factors of historical changes in PAHs in the sediment core of Fuxian Lake, China. Environmental Pollution, 2021, 288, 117935.	3.7	18
116	Genetic variants in desaturase gene, erythrocyte fatty acids, and risk for type 2 diabetes in Chinese Hans. Nutrition, 2014, 30, 897-902.	1.1	17
117	Dietary Protein Modifies the Effect of the MC4R Genotype on 2-Year Changes in Appetite and Food Craving: The POUNDS Lost Trial. Journal of Nutrition, 2017, 147, jn242958.	1.3	17
118	<i>HNF1A</i> variant, energyâ€reduced diets and insulin resistance improvement during weight loss: The POUNDS Lost trial and DIRECT. Diabetes, Obesity and Metabolism, 2018, 20, 1445-1452.	2.2	17
119	Rheological and structural properties of fish scales gelatin: Effects of conventional and ultrasound-assisted extraction. International Journal of Food Properties, 2017, , 1-11.	1.3	16
120	Performance of gender- and age-specific cut-points versus NCEP pediatric cutpoints in dyslipidemia screening among Chinese children. Atherosclerosis, 2019, 280, 37-44.	0.4	16
121	Instrumental variable analysis in the presence of unmeasured confounding. Annals of Translational Medicine, 2018, 6, 182-182.	0.7	16
122	Interactions between genetic variants of folate metabolism genes and lifestyle affect plasma homocysteine concentrations in the Boston Puerto Rican population. Public Health Nutrition, 2011, 14, 1805-1812.	1.1	15
123	Ready-to-Eat Cereal Consumption with Total and Cause-Specific Mortality: Prospective Analysis of 367,442 Individuals. Journal of the American College of Nutrition, 2016, 35, 217-223.	1.1	15
124	Association between dietary fat intake and insulin resistance in Chinese child twins. British Journal of Nutrition, 2017, 117, 230-236.	1.2	15
125	Dietary diversity and all-cause mortality among Chinese adults aged 65 or older: A community-based cohort study. Asia Pacific Journal of Clinical Nutrition, 2020, 29, 152-160.	0.3	15
126	Nutritional Biomarkers, Gene-Diet Interaction, and Risk Factors for Type 2 Diabetes. Journal of Diabetes Research, 2016, 2016, 1-2.	1.0	14

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127	Genetic Susceptibility, Change in Physical Activity, and Long-term Weight Gain. Diabetes, 2017, 66, 2704-2712.	0.3	14
128	Comparison of the bacterial communities in home-made Nanfeng yancai with and without salt. Food Research International, 2019, 125, 108509.	2.9	14
129	High atmospheric wet nitrogen deposition and major sources in two cities of Yangtze River Delta: Combustion-related NH3 and non-fossil fuel NOx. Science of the Total Environment, 2022, 806, 150502.	3.9	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. Genomics, 2021, 113, 4206-4213.	1.3	14
131	Plasma n-3 and n-6 fatty acids and inflammatory markers in Chinese vegetarians. Lipids in Health and Disease, 2014, 13, 151.	1.2	13
132	Maternal central obesity and birth size: a Mendelian randomization analysis. Lipids in Health and Disease, 2018, 17, 181.	1.2	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. BMJ Open Diabetes Research and Care, 2020, 8, e001140.	1.2	13
134	Identification of cold tolerance QTLs at the bud burst stage in 211 rice landraces by GWAS. BMC Plant Biology, 2021, 21, 542.	1.6	13
135	Associations of Common Variants in Methionine Metabolism Pathway Genes with Plasma Homocysteine and the Risk of Type 2 Diabetes in Han Chinese. Journal of Nutrigenetics and Nutrigenomics, 2014, 7, 63-74.	1.8	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. Nutrients, 2017, 9, 376.	1.7	12
137	Disturbance mechanisms of lacustrine organic carbon burial: Case study of Cuopu Lake, Southwest China. Science of the Total Environment, 2020, 746, 140615.	3.9	12
138	Education, intelligence, and amyotrophic lateral sclerosis: A Mendelian randomization study. Annals of Clinical and Translational Neurology, 2020, 7, 1642-1647.	1.7	12
139	Assessment of causal association between thyroid function and lipid metabolism: a Mendelian randomization study. Chinese Medical Journal, 2021, 134, 1064-1069.	0.9	12
140	Genetic variations of circulating adiponectin levels modulate changes in appetite in response to weight-loss diets. Journal of Clinical Endocrinology and Metabolism, 2017, 102, jc.2016-2909.	1.8	11
141	PCSK9 variant, long-chain n–3 PUFAs, and risk of nonfatal myocardial infarction in Costa Rican Hispanics1–3. American Journal of Clinical Nutrition, 2017, 105, 1198-1203.	2.2	11
142	Diet/lifestyle and risk of diabetes and glycemic traits: a Mendelian randomization study. Lipids in Health and Disease, 2018, 17, 18.	1.2	11
143	Gelation kinetics and characterization of enzymatically enhanced fish scale gelatin–pectin coacervate. Journal of the Science of Food and Agriculture, 2018, 98, 1024-1032.	1.7	11
144	Smoking Status and Type 2 Diabetes, and Cardiovascular Disease: A Comprehensive Analysis of Shared Genetic Etiology and Causal Relationship. Frontiers in Endocrinology, 2022, 13, 809445.	1.5	11

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145	Association between type 2 diabetes and amyotrophic lateral sclerosis. Scientific Reports, 2022, 12, 2544.	1.6	11
146	Roles of Cardiometabolic Factors in Mediating the Causal Effect of Type 2 Diabetes on Cardiovascular Diseases: A Two-Step, Two-Sample Multivariable Mendelian Randomization Study. Frontiers in Cardiovascular Medicine, 2022, 9, 813208.	1.1	11
147	Associations of plasma <i>n</i> à–3 polyunsaturated fatty acids with blood pressure and cardiovascular risk factors among Chinese. International Journal of Food Sciences and Nutrition, 2012, 63, 667-673.	1.3	10
148	The MC4R genotype is associated with postpartum weight reduction and glycemic changes among women with prior gestational diabetes: longitudinal analysis. Scientific Reports, 2017, 7, 9654.	1.6	10
149	Shared genetic etiology and causality between body fat percentage and cardiovascular diseases: a large-scale genome-wide cross-trait analysis. BMC Medicine, 2021, 19, 100.	2.3	10
150	Lifestyle factors and fetal and childhood origins of type 2 diabetes: a prospective study of Chinese and European adults. American Journal of Clinical Nutrition, 2022, 115, 749-758.	2.2	10
151	Metabolically healthy obesity, transition to unhealthy phenotypes, and type 2 diabetes in 0.5 million Chinese adults: the China Kadoorie Biobank. European Journal of Endocrinology, 2022, 186, 233-244.	1.9	10
152	GWAS-associated bacteria and their metabolites appear to be causally related to the development of inflammatory bowel disease. European Journal of Clinical Nutrition, 2022, 76, 1024-1030.	1.3	10
153	Assessment of bidirectional relationships between 98 genera of the human gut microbiota and amyotrophic lateral sclerosis: a 2-sample Mendelian randomization study. BMC Neurology, 2022, 22, 8.	0.8	10
154	Plasma phospholipid polyunsaturated fatty acids and homocysteine in Chinese type 2 diabetes patients. Asia Pacific Journal of Clinical Nutrition, 2012, 21, 394-9.	0.3	10
155	Dietary-Derived Essential Nutrients and Amyotrophic Lateral Sclerosis: A Two-Sample Mendelian Randomization Study. Nutrients, 2022, 14, 920.	1.7	10
156	Age of Complementary Foods Introduction and Risk of Anemia in Children Aged 4–6 years: A Prospective Birth Cohort in China. Scientific Reports, 2017, 7, 44726.	1.6	9
157	Mendelian randomization analysis does not support causal associations of birth weight with hypertension risk and blood pressure in adulthood. European Journal of Epidemiology, 2020, 35, 685-697.	2.5	9
158	A quantitative trait locus on chromosome 2 was identified that accounts for a substantial proportion of phenotypic variance of the yellow plumage color in chicken. Poultry Science, 2020, 99, 2902-2910.	1.5	9
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