

# Tao Huang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

227  
papers

4,736  
citations

37  
h-index

59  
g-index

246  
ext. papers

6,509  
ext. citations

5.4  
avg, IF

5.83  
L-index

#	Paper	IF	Citations
227	Assessment of bidirectional relationships between 98 genera of the human gut microbiota and amyotrophic lateral sclerosis: a 2-sample Mendelian randomization study.. <i>BMC Neurology</i> , <b>2022</b> , 22, 8	3.1	3
226	Coffee Types and Type 2 Diabetes Mellitus: Large-Scale Cross-Phenotype Association Study and Mendelian Randomization Analysis.. <i>Frontiers in Endocrinology</i> , <b>2022</b> , 13, 818831	5.7	1
225	The eigen higher criticism and eigen Berk-Jones tests for multiple trait association studies based on GWAS summary statistics.. <i>Genetic Epidemiology</i> , <b>2022</b> , 46, 89-104	2.6	1
224	High atmospheric wet nitrogen deposition and major sources in two cities of Yangtze River Delta: Combustion-related NH and non-fossil fuel NO. <i>Science of the Total Environment</i> , <b>2022</b> , 806, 150502	10.2	1
223	Smoking Status and Type 2 Diabetes, and Cardiovascular Disease: A Comprehensive Analysis of Shared Genetic Etiology and Causal Relationship.. <i>Frontiers in Endocrinology</i> , <b>2022</b> , 13, 809445	5.7	0
222	Association between type 2 diabetes and amyotrophic lateral sclerosis.. <i>Scientific Reports</i> , <b>2022</b> , 12, 25444.9	4.9	1
221	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.. <i>Frontiers in Cardiovascular Medicine</i> , <b>2022</b> , 9, 813208	5.4	0
220	Assessing the role of blood pressure in amyotrophic lateral sclerosis: a Mendelian randomization study.. <i>Orphanet Journal of Rare Diseases</i> , <b>2022</b> , 17, 56	4.2	1
219	Shared Genetic Basis and Causal Relationship Between Television Watching, Breakfast Skipping and Type 2 Diabetes: Evidence From a Comprehensive Genetic Analysis.. <i>Frontiers in Endocrinology</i> , <b>2022</b> , 13, 836023	5.7	1
218	Fine Mapping of the Region Identified rs7175517 as a Causal Variant Related to BMI in China and the United Kingdom Populations.. <i>Frontiers in Genetics</i> , <b>2022</b> , 13, 838685	4.5	
217	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> , <b>2022</b> , e13610	9.9	3
216	Assessment of causal direction between thyroid function and cardiometabolic health: a Mendelian randomization study.. <i>Journal of Geriatric Cardiology</i> , <b>2022</b> , 19, 61-70	1.7	0
215	N-3 polyunsaturated fatty acid and homocysteine metabolism <b>2022</b> , 273-284		
214	Genetically Determined Lifestyle and Cardiometabolic Risk Factors Mediate the Association of Genetically Predicted Age at Menarche With Genetic Predisposition to Myocardial Infarction: A Two-Step, Two-Sample Mendelian Randomization Study.. <i>Frontiers in Cardiovascular Medicine</i> , <b>2022</b> , 9, 821068	5.4	1
213	A two-sample Mendelian randomization analysis of modifiable risk factors and intracranial aneurysms.. <i>Scientific Reports</i> , <b>2022</b> , 12, 7659	4.9	
212	The influence of nutrients on the composition and quantity of buried organic carbon in a eutrophic plateau lake, Southwest China.. <i>Science of the Total Environment</i> , <b>2022</b> , 155726	10.2	
211	Unraveling the Genetic Architecture for Low Temperature Germinability-Related Traits in Rice Using Genome-Wide Association Study. <i>Agronomy</i> , <b>2022</b> , 12, 1194	3.6	

210	Observational and Genetic Associations of Modifiable Risk Factors with Aortic Valve Stenosis: A Prospective Cohort Study of 0.5 Million Participants. <i>Nutrients</i> , <b>2022</b> , 14, 2273	6.7	0
209	Shared Genetic Architecture and Causal Relationship Between Asthma and Cardiovascular Diseases: A Large-Scale Cross-Trait Analysis.. <i>Frontiers in Genetics</i> , <b>2021</b> , 12, 775591	4.5	2
208	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> , <b>2021</b> , 113, 4206-4213	4.3	0
207	Identification of cold tolerance QTLs at the bud burst stage in 211 rice landraces by GWAS. <i>BMC Plant Biology</i> , <b>2021</b> , 21, 542	5.3	1
206	Metabolically healthy obesity, transition to unhealthy phenotypes and type 2 diabetes in 0.5 million Chinese adults: The China Kadoorie Biobank. <i>European Journal of Endocrinology</i> , <b>2021</b> ,	6.5	1
205	The Roles of Genetic and Early-Life Environmental Factors in the Association Between Overweight or Obesity and Hypertension: A Population-Based Twin Study. <i>Frontiers in Endocrinology</i> , <b>2021</b> , 12, 743962	5.7	0
204	Modification effect of ideal cardiovascular health metrics on genetic association with incident heart failure in the China Kadoorie Biobank and the UK Biobank. <i>BMC Medicine</i> , <b>2021</b> , 19, 259	11.4	0
203	Highly Efficient Cool-White Photoluminescence of (Gua)CuI Single Crystals: Formation and Optical Properties. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 13443-13451	9.5	20
202	Daytime sleepiness might increase the risk of ALS: a 2-sample Mendelian randomization study. <i>Journal of Neurology</i> , <b>2021</b> , 268, 4332-4339	5.5	1
201	Assessment of causal association between thyroid function and lipid metabolism: a Mendelian randomization study. <i>Chinese Medical Journal</i> , <b>2021</b> , 134, 1064-1069	2.9	0
200	Shared genetic etiology and causality between body fat percentage and cardiovascular diseases: a large-scale genome-wide cross-trait analysis. <i>BMC Medicine</i> , <b>2021</b> , 19, 100	11.4	4
199	The trans-ancestral genomic architecture of glycemic traits. <i>Nature Genetics</i> , <b>2021</b> , 53, 840-860	36.3	44
198	Associations of toothbrushing behaviour with risks of vascular and nonvascular diseases in Chinese adults. <i>European Journal of Clinical Investigation</i> , <b>2021</b> , 51, e13634	4.6	1
197	Source identification of particulate organic carbon using stable isotopes and n-alkanes: modeling and application. <i>Water Research</i> , <b>2021</b> , 197, 117083	12.5	7
196	Water-Stable Zero-Dimensional (CH)NCuCl Single Crystal with Highly Efficient Broadband Green Emission. <i>Journal of Physical Chemistry Letters</i> , <b>2021</b> , 12, 6639-6647	6.4	21
195	A Mendelian randomization analysis of the relationship between cardioembolic risk factors and ischemic stroke. <i>Scientific Reports</i> , <b>2021</b> , 11, 14583	4.9	0
194	A two-sample Mendelian randomization analysis of heart rate variability and cerebral small vessel disease. <i>Journal of Clinical Hypertension</i> , <b>2021</b> , 23, 1608-1614	2.3	3
193	Association of heart rate and diabetes among 0.5 million adults in the China Kadoorie biobank: Results from observational and Mendelian randomization analyses. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2021</b> , 31, 2328-2337	4.5	1

192	Coordination of mA mRNA methylation and gene transcriptome in rice response to cadmium stress. <i>Rice</i> , <b>2021</b> , 14, 62	5.8	4
191	Metatranscriptomics reveals the gene functions and metabolic properties of the major microbial community during Chinese Sichuan Paocai fermentation. <i>Food Microbiology</i> , <b>2021</b> , 98, 103573	6	7
190	Characteristics of fish gelatin-anionic polysaccharide complexes and their applications in yoghurt: Rheology and tribology. <i>Food Chemistry</i> , <b>2021</b> , 343, 128413	8.5	10
189	Causal relationships between gut metabolites and Alzheimer's disease: a bidirectional Mendelian randomization study. <i>Neurobiology of Aging</i> , <b>2021</b> , 100, 119.e15-119.e18	5.6	11
188	Association of healthy lifestyle with cognitive function among Chinese older adults. <i>European Journal of Clinical Nutrition</i> , <b>2021</b> , 75, 325-334	5.2	13
187	Bulk assembly of a 0D organic antimony chloride hybrid with highly efficient orange dual emission by self-trapped states. <i>Journal of Materials Chemistry C</i> , <b>2021</b> , 9, 12184-12190	7.1	5
186	Associations of Obesity Measurements with Serum Metabolomic Profile: A Chinese Twin Study. <i>Twin Research and Human Genetics</i> , <b>2021</b> , 24, 14-21	2.2	1
185	Metabolic Signatures of Genetically Elevated Vitamin D Among Chinese: Observational and Mendelian Randomization Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2021</b> , 106, e3249-e3260	5.6	1
184	An Improved Genome-Wide Polygenic Score Model for Predicting the Risk of Type 2 Diabetes. <i>Frontiers in Genetics</i> , <b>2021</b> , 12, 632385	4.5	5
183	Protocol for the National Nurse Health Study (NNHS): a web-based ambispective cohort study. <i>BMJ Open</i> , <b>2021</b> , 11, e049958	3	
182	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> , <b>2021</b> , 125, 20014-20021	3.8	9
181	Physical activity and amyotrophic lateral sclerosis: a Mendelian randomization study. <i>Neurobiology of Aging</i> , <b>2021</b> , 105, 374.e1-374.e4	5.6	2
180	A Comparison of Preterm Birth Rate and Growth from Birth to 18 Years Old between in Vitro Fertilization and Spontaneous Conception of Twins. <i>Twin Research and Human Genetics</i> , <b>2021</b> , 24, 228-233	2.2	
179	Healthy Sleep Patterns and Risk of Incident Arrhythmias. <i>Journal of the American College of Cardiology</i> , <b>2021</b> , 78, 1197-1207	15.1	5
178	Overweight and Risk of Type 2 Diabetes: A Prospective Chinese Twin Study. <i>Diabetes and Metabolism</i> , <b>2021</b> , 101278	5.4	0
177	Source analysis and influencing factors of historical changes in PAHs in the sediment core of Fuxian Lake, China. <i>Environmental Pollution</i> , <b>2021</b> , 288, 117935	9.3	1
176	Large-scale facile-synthesis and bistable emissions of one-dimensional organic/inorganic C <sub>4</sub> H <sub>14</sub> N <sub>2</sub> PbBr <sub>4</sub> metal halide crystals with bipolaronic states. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 17247-17257	3.6	5
175	Leukocyte telomere length and amyotrophic lateral sclerosis: a Mendelian randomization study. <i>Orphanet Journal of Rare Diseases</i> , <b>2021</b> , 16, 508	4.2	2

174	Association of healthy lifestyle including a healthy sleep pattern with incident type 2 diabetes mellitus among individuals with hypertension.. <i>Cardiovascular Diabetology</i> , <b>2021</b> , 20, 239	8.7	2
173	Construction and application of human genetic resources in the China Kadoorie Biobank. <i>Yi Chuan = Hereditas / Zhongguo Yi Chuan Xue Hui Bian Ji</i> , <b>2021</b> , 43, 972-979	1.4	
172	Assessment of causality between modifiable factors and heart failure: A Mendelian randomization analysis. <i>Asia Pacific Journal of Clinical Nutrition</i> , <b>2021</b> , 30, 340-347	1	2
171	Difference in diet quality trends between children and adults in the United States: A serial cross-sectional study from 1999 to 2018. <i>Asia Pacific Journal of Clinical Nutrition</i> , <b>2021</b> , 30, 522-536	1	
170	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> , <b>2020</b> , 8,	4.5	8
169	Mendelian randomization analysis does not support causal associations of birth weight with hypertension risk and blood pressure in adulthood. <i>European Journal of Epidemiology</i> , <b>2020</b> , 35, 685-697	12.1	2
168	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> , <b>2020</b> , 19, 86	4.4	20
167	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. <i>Poultry Science</i> , <b>2020</b> , 99, 2902-2910	2.9	2
166	Reply to "Life Course Adiposity and Amyotrophic Lateral Sclerosis". <i>Annals of Neurology</i> , <b>2020</b> , 88, 203-204	1	
165	Starch Digestion-Related Amylase Genetic Variants, Diet, and Changes in Adiposity: Analyses in Prospective Cohort Studies and a Randomized Dietary Intervention. <i>Diabetes</i> , <b>2020</b> , 69, 1917-1926	0.9	3
164	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> , <b>2020</b> , 18, 184	11.4	4
163	Novel polyimides containing flexible carbazole blocks with electrochromic and electrofluorescencechromic properties.. <i>RSC Advances</i> , <b>2020</b> , 10, 6992-7003	3.7	10
162	Stability of potential prophages in commercial strain <i>Lactobacillus plantarum</i> NCU116 under various stressors. <i>Archives of Microbiology</i> , <b>2020</b> , 202, 1241-1250	3	2
161	Sediment record of polycyclic aromatic hydrocarbons in Dianchi lake, southwest China: Influence of energy structure changes and economic development. <i>Chemosphere</i> , <b>2020</b> , 248, 126015	8.4	14
160	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> , <b>2020</b> , 111, 698-707	7	13
159	Metabolically healthy obesity, transition to unhealthy metabolic status, and vascular disease in Chinese adults: A cohort study. <i>PLoS Medicine</i> , <b>2020</b> , 17, e1003351	11.6	27
158	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> , <b>2020</b> , 29, 152-160	1	6
157	Causal associations of body mass index and waist-to-hip ratio with cardiometabolic traits among Chinese children: A Mendelian randomization study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2020</b> , 30, 1554-1563	4.5	2

156	Widespread vitamin D deficiency and its sex-specific association with adiposity in Chinese children and adolescents. <i>Nutrition</i> , <b>2020</b> , 71, 110646	4.8	9
155	Comparison of microbial communities and physiochemical characteristics of two traditionally fermented vegetables. <i>Food Research International</i> , <b>2020</b> , 128, 108755	7	28
154	Life Course Adiposity and Amyotrophic Lateral Sclerosis: A Mendelian Randomization Study. <i>Annals of Neurology</i> , <b>2020</b> , 87, 434-441	9.4	15
153	Associations between gut microbiota and Alzheimer's disease, major depressive disorder, and schizophrenia. <i>Journal of Neuroinflammation</i> , <b>2020</b> , 17, 288	10.1	26
152	Screening, Safety Evaluation, and Mechanism of Two Strains in Reducing the Translocation of in the Caco-2 Monolayer Model. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 566473	5.7	3
151	Disturbance mechanisms of lacustrine organic carbon burial: Case study of Cuopu Lake, Southwest China. <i>Science of the Total Environment</i> , <b>2020</b> , 746, 140615	10.2	2
150	Data Resource Profile: China Cohort Consortium (CCC). <i>International Journal of Epidemiology</i> , <b>2020</b> , 49, 1436-1436m	7.8	1
149	Education, intelligence, and amyotrophic lateral sclerosis: A Mendelian randomization study. <i>Annals of Clinical and Translational Neurology</i> , <b>2020</b> , 7, 1642-1647	5.3	6
148	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> , <b>2020</b> , 68, 10015-10028	5.7	32
147	Genomic analysis revealed adaptive mechanism to plant-related fermentation of <i>Lactobacillus plantarum</i> NCU116 and <i>Lactobacillus</i> spp. <i>Genomics</i> , <b>2020</b> , 112, 703-711	4.3	14
146	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> , <b>2020</b> , 39, 395-404	5.9	27
145	Interactions between <i>Lactobacillus plantarum</i> NCU116 and its environments based on extracellular proteins and polysaccharides prediction by comparative analysis. <i>Genomics</i> , <b>2020</b> , 112, 3579-3587	4.3	4
144	Gene-environment interactions and type 2 diabetes. <i>Asia Pacific Journal of Clinical Nutrition</i> , <b>2020</b> , 29, 220-226	1	1
143	Metabolically healthy obesity, transition to unhealthy metabolic status, and vascular disease in Chinese adults: A cohort study <b>2020</b> , 17, e1003351		
142	Metabolically healthy obesity, transition to unhealthy metabolic status, and vascular disease in Chinese adults: A cohort study <b>2020</b> , 17, e1003351		
141	Metabolically healthy obesity, transition to unhealthy metabolic status, and vascular disease in Chinese adults: A cohort study <b>2020</b> , 17, e1003351		
140	Metabolically healthy obesity, transition to unhealthy metabolic status, and vascular disease in Chinese adults: A cohort study <b>2020</b> , 17, e1003351		
139	Metabolically healthy obesity, transition to unhealthy metabolic status, and vascular disease in Chinese adults: A cohort study <b>2020</b> , 17, e1003351		



138	Metabolically healthy obesity, transition to unhealthy metabolic status, and vascular disease in Chinese adults: A cohort study <b>2020</b> , 17, e1003351		
137	Metabolically healthy obesity, transition to unhealthy metabolic status, and vascular disease in Chinese adults: A cohort study <b>2020</b> , 17, e1003351		
136	Metabolically healthy obesity, transition to unhealthy metabolic status, and vascular disease in Chinese adults: A cohort study <b>2020</b> , 17, e1003351		
135	Habitual consumption of long-chain n-3 PUFAs and fish attenuates genetically associated long-term weight gain. <i>American Journal of Clinical Nutrition</i> , <b>2019</b> , 109, 665-673	7	15
134	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> , <b>2019</b> , 17, 160	11.4	25
133	Association of Birth Weight With Type 2 Diabetes and Glycemic Traits: A Mendelian Randomization Study. <i>JAMA Network Open</i> , <b>2019</b> , 2, e1910915	10.4	14
132	Dairy Intake and Body Composition and Cardiometabolic Traits among Adults: Mendelian Randomization Analysis of 182041 Individuals from 18 Studies. <i>Clinical Chemistry</i> , <b>2019</b> , 65, 751-760	5.5	11
131	Assessment of Causal Direction Between Gut Microbiota-Dependent Metabolites and Cardiometabolic Health: A Bidirectional Mendelian Randomization Analysis. <i>Diabetes</i> , <b>2019</b> , 68, 1747-1755	9.9	50
130	Body fat indicators perform better than body mass index in identifying abnormal lipid profiles in boys but not in girls. <i>Pediatric Research</i> , <b>2019</b> , 85, 617-624	3.2	0
129	Fish gelatin modifications: A comprehensive review. <i>Trends in Food Science and Technology</i> , <b>2019</b> , 86, 260-269	15.3	83
128	DNA methylation variant, B-vitamins intake and longitudinal change in body mass index. <i>International Journal of Obesity</i> , <b>2019</b> , 43, 468-474	5.5	3
127	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> , <b>2019</b> , 24, 1920-1932	15.1	30
126	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> , <b>2019</b> , 306, 108271	5.8	33
125	Improving fruit and vegetable intake attenuates the genetic association with long-term weight gain. <i>American Journal of Clinical Nutrition</i> , <b>2019</b> , 110, 759-768	7	12
124	Comparison of the bacterial communities in home-made Nanfeng yancai with and without salt. <i>Food Research International</i> , <b>2019</b> , 125, 108509	7	7
123	Circulating vitamin E and cardiometabolic measures: a Mendelian randomization analysis. <i>Journal of Clinical Biochemistry and Nutrition</i> , <b>2019</b> , 65, 160-169	3.1	2
122	The Chinese National Twin Registry: A Unique Data Source for Systems Epidemiology of Complex Disease. <i>Twin Research and Human Genetics</i> , <b>2019</b> , 22, 482-485	2.2	3
121	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> , <b>2019</b> , 63, e1900612	5.9	19

120	Beneficial Effects of n-3 Polyunsaturated Fatty Acids on Offspring Pancreas of Gestational Diabetes Rats. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 13269-13281	5.7	4
119	Comparison of bacterial diversity in traditionally homemade paocai and Chinese spicy cabbage. <i>Food Microbiology</i> , <b>2019</b> , 83, 141-149	6	40
118	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> , <b>2019</b> , 68, 1417-1429	19.2	233
117	Fish and marine fatty acids intakes, the genotypes and long-term weight gain: a prospective cohort study. <i>BMJ Open</i> , <b>2019</b> , 9, e022877	3	2
116	Performance of gender- and age-specific cut-points versus NCEP pediatric cutpoints in dyslipidemia screening among Chinese children. <i>Atherosclerosis</i> , <b>2019</b> , 280, 37-44	3.1	10
115	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> , <b>2019</b> , 58, 1381-1389	5.2	19
114	Childhood BMI and Adult Type 2 Diabetes, Coronary Artery Diseases, Chronic Kidney Disease, and Cardiometabolic Traits: A Mendelian Randomization Analysis. <i>Diabetes Care</i> , <b>2018</b> , 41, 1089-1096	14.6	54
113	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> , <b>2018</b> , 42, e13607	2.1	15
112	Investigation into allergenicity reduction and glycation sites of glycated $\beta$ -lactoglobulin with ultrasound pretreatment by high-resolution mass spectrometry. <i>Food Chemistry</i> , <b>2018</b> , 252, 99-107	8.5	41
111	WilmsTumor 1 Overexpression in Granulosa Cells Is Associated with Polycystic Ovaries in Polycystic Ovary Syndrome Patients. <i>Gynecologic and Obstetric Investigation</i> , <b>2018</b> , 83, 241-246	2.5	2
110	HNF1A variant, energy-reduced diets and insulin resistance improvement during weight loss: The POUNDS Lost trial and DIRECT. <i>Diabetes, Obesity and Metabolism</i> , <b>2018</b> , 20, 1445-1452	6.7	13
109	Macronutrient-specific effect of the genotype on lipid levels in response to 2 year weight-loss diets. <i>Journal of Lipid Research</i> , <b>2018</b> , 59, 155-161	6.3	15
108	Liquid Chromatography High-Resolution Mass Spectrometry Identifies the Glycation Sites of Bovine Serum Albumin Induced by d-Ribose with Ultrasonic Treatment. <i>Journal of Agricultural and Food Chemistry</i> , <b>2018</b> , 66, 563-570	5.7	17
107	Integrated microRNA and mRNA signatures in peripheral blood lymphocytes of familial epithelial ovarian cancer. <i>Biochemical and Biophysical Research Communications</i> , <b>2018</b> , 496, 191-198	3.4	5
106	Dietary glutamine, glutamate and mortality: two large prospective studies in US men and women. <i>International Journal of Epidemiology</i> , <b>2018</b> , 47, 311-320	7.8	22
105	Diet/lifestyle and risk of diabetes and glycemic traits: a Mendelian randomization study. <i>Lipids in Health and Disease</i> , <b>2018</b> , 17, 18	4.4	9
104	Improving adherence to healthy dietary patterns, genetic risk, and long term weight gain: gene-diet interaction analysis in two prospective cohort studies. <i>BMJ, The</i> , <b>2018</b> , 360, j5644	5.9	69
103	Gelation kinetics and characterization of enzymatically enhanced fish scale gelatin-pectin coacervate. <i>Journal of the Science of Food and Agriculture</i> , <b>2018</b> , 98, 1024-1032	4.3	5



102	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> , <b>2018</b> , 62, 1700410	5.9	28
101	The identification of three mammalian gelatins by liquid chromatography-high resolution mass spectrometry. <i>LWT - Food Science and Technology</i> , <b>2018</b> , 89, 74-86	5.4	17
100	Maternal central obesity and birth size: a Mendelian randomization analysis. <i>Lipids in Health and Disease</i> , <b>2018</b> , 17, 181	4.4	6
99	Correlation between microbiota and flavours in fermentation of Chinese Sichuan Paocai. <i>Food Research International</i> , <b>2018</b> , 114, 123-132	7	83
98	A copy number variation generated by complicated organization of PCDHA gene cluster is associated with egg performance traits in Xinhua E-strain. <i>Poultry Science</i> , <b>2018</b> , 97, 3435-3445	3.9	2
97	Waist-hip ratio related genetic loci are associated with risk of impaired fasting glucose in Chinese children: a case control study. <i>Nutrition and Metabolism</i> , <b>2018</b> , 15, 34	4.6	5
96	Rheological behavior, emulsifying properties and structural characterization of phosphorylated fish gelatin. <i>Food Chemistry</i> , <b>2018</b> , 246, 428-436	8.5	59
95	Plasma C-Reactive Protein and Abdominal Aortic Aneurysm: A Mendelian Randomization Analysis. <i>Chinese Medical Journal</i> , <b>2018</b> , 131, 2630-2633	2.9	2
94	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> , <b>2018</b> , 66, 10693-10702	5.7	15
93	Diet quality and genetic association with body mass index: results from 3 observational studies. <i>American Journal of Clinical Nutrition</i> , <b>2018</b> , 108, 1291-1300	7	25
92	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> , <b>2018</b> , 103, 691-706	11	151
91	Dietary Protein Modifies the Effect of the Genotype on 2-Year Changes in Appetite and Food Craving: The POUNDS Lost Trial. <i>Journal of Nutrition</i> , <b>2017</b> , 147, 439-444	4.1	15
90	Association between dietary fat intake and insulin resistance in Chinese child twins. <i>British Journal of Nutrition</i> , <b>2017</b> , 117, 230-236	3.6	11
89	Monitoring of the functional properties and unfolding change of Ovalbumin after DHPM treatment by HDX and FTICR MS: Functionality and unfolding of Oval after DHPM by HDX and FTICR MS. <i>Food Chemistry</i> , <b>2017</b> , 227, 413-421	8.5	27
88	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. <i>Nature Communications</i> , <b>2017</b> , 8, 14977	17.4	105
87	variant, long-chain n-3 PUFAs, and risk of nonfatal myocardial infarction in Costa Rican Hispanics. <i>American Journal of Clinical Nutrition</i> , <b>2017</b> , 105, 1198-1203	7	7
86	Age of Complementary Foods Introduction and Risk of Anemia in Children Aged 4-6 years: A Prospective Birth Cohort in China. <i>Scientific Reports</i> , <b>2017</b> , 7, 44726	4.9	6
85	Comparison of rheological behaviors and nanostructure of bighead carp scales gelatin modified by different modification methods. <i>Journal of Food Science and Technology</i> , <b>2017</b> , 54, 1256-1265	3.3	32

84	Rheological and structural properties of fish scales gelatin: Effects of conventional and ultrasound-assisted extraction. <i>International Journal of Food Properties</i> , <b>2017</b> , 1-11	3	13
83	Genetic Variations of Circulating Adiponectin Levels Modulate Changes in Appetite in Response to Weight-Loss Diets. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2017</b> , 102, 316-325	5.6	9
82	One-pot synthesis of hierarchical concave tetrapod Pd nanocrystals and their electrocatalytic properties. <i>RSC Advances</i> , <b>2017</b> , 7, 37938-37942	3.7	4
81	Genetic variation of habitual coffee consumption and glycemic changes in response to weight-loss diet intervention: the Preventing Overweight Using Novel Dietary Strategies (POUNDS LOST) trial. <i>American Journal of Clinical Nutrition</i> , <b>2017</b> , 106, 1321-1326	7	6
80	The MC4R genotype is associated with postpartum weight reduction and glycemic changes among women with prior gestational diabetes: longitudinal analysis. <i>Scientific Reports</i> , <b>2017</b> , 7, 9654	4.9	6
79	The Reduction in the IgE-Binding Ability of $\beta$ -Lactoglobulin by Dynamic High-Pressure Microfluidization Coupled with Glycation Treatment Revealed by High-Resolution Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , <b>2017</b> , 65, 6179-6187	5.7	18
78	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> , <b>2017</b> , 22, 200-207	8.8	46
77	Genetic Susceptibility, Change in Physical Activity, and Long-term Weight Gain. <i>Diabetes</i> , <b>2017</b> , 66, 2704-2712	7.12	9
76	Habitual coffee consumption and genetic predisposition to obesity: gene-diet interaction analyses in three US prospective studies. <i>BMC Medicine</i> , <b>2017</b> , 15, 97	11.4	34
75	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> , <b>2017</b> , 66, 2416-2423	0.9	24
74	Pectin and enzyme complex modified fish scales gelatin: Rheological behavior, gel properties and nanostructure. <i>Carbohydrate Polymers</i> , <b>2017</b> , 156, 294-302	10.3	62
73	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> , <b>2017</b> , 102, 4315-4322	5.6	16
72	Fish oil supplementation and insulin sensitivity: a systematic review and meta-analysis. <i>Lipids in Health and Disease</i> , <b>2017</b> , 16, 131	4.4	73
71	Dairy consumption, systolic blood pressure, and risk of hypertension: Mendelian randomization study. <i>BMJ, The</i> , <b>2017</b> , 356, j1000	5.9	63
70	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> , <b>2017</b> , 9,	6.7	8
69	Genome-wide physical activity interactions in adiposity - A meta-analysis of 200,452 adults. <i>PLoS Genetics</i> , <b>2017</b> , 13, e1006528	6	103
68	Cohort Profile: The Jiaxing Birth Cohort in China. <i>International Journal of Epidemiology</i> , <b>2017</b> , 46, 1382-1389	3.82	4
67	Increased pre-school overweight and obesity prevalence between 2004 and 2013 is associated with appetite, eating frequency and supportive facilities: the Jiaxing Birth Cohort in China. <i>Asia Pacific Journal of Clinical Nutrition</i> , <b>2017</b> , 26, 881-887	1	

66	Prolonged Exclusive Breastfeeding Duration Is Positively Associated with Risk of Anemia in Infants Aged 12 Months. <i>Journal of Nutrition</i> , <b>2016</b> , 146, 1707-13	4.1	9
65	Macronutrient Intake-Associated 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> , <b>2016</b> , 39, 1909-1914	14.6	37
64	Genome-wide association studies in East Asians identify new loci for waist-hip ratio and waist circumference. <i>Scientific Reports</i> , <b>2016</b> , 6, 17958	4.9	48
63	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> , <b>2016</b> , 39, 2013-2019	1.1	32
62	Genetic susceptibility to diabetes and long-term improvement of insulin resistance and $\beta$ cell function during weight loss: the Preventing Overweight Using Novel Dietary Strategies (POUNDS LOST) trial. <i>American Journal of Clinical Nutrition</i> , <b>2016</b> , 104, 198-204	7	22
61	Quality evaluation of peony seed oil spray-dried in different combinations of wall materials during encapsulation and storage. <i>Journal of Food Science and Technology</i> , <b>2016</b> , 53, 2597-605	3.3	3
60	Weight-Loss Diets, Adiponectin, and Changes in Cardiometabolic Risk in the 2-Year POUNDS Lost Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, 2415-22	5.6	30
59	Weight-loss diets and 2-y changes in circulating amino acids in 2 randomized intervention trials. <i>American Journal of Clinical Nutrition</i> , <b>2016</b> , 103, 505-11	7	48
58	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> , <b>2016</b> , 35, 217-23	3.5	10
57	Cadmium removal from urban stormwater runoff via bioretention technology and effluent risk assessment for discharge to surface water. <i>Journal of Contaminant Hydrology</i> , <b>2016</b> , 185-186, 42-50	3.9	22
56	Recent Positive Selection Drives the Expansion of a Schizophrenia Risk Nonsynonymous Variant at SLC39A8 in Europeans. <i>Schizophrenia Bulletin</i> , <b>2016</b> , 42, 178-90	1.3	28
55	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> , <b>2016</b> , 115, 509-16	3.6	21
54	Zinc-Associated Variant in SLC30A8 Gene Interacts With Gestational Weight Gain on Postpartum Glycemic Changes: A Longitudinal Study in Women With Prior Gestational Diabetes Mellitus. <i>Diabetes</i> , <b>2016</b> , 65, 3786-3793	0.9	3
53	FTO genotype and weight loss: systematic review and meta-analysis of 9563 individual participant data from eight randomised controlled trials. <i>BMJ, The</i> , <b>2016</b> , 354, i4707	5.9	70
52	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> , <b>2016</b> , 53, 2532-9	3.3	22
51	Plasma Taurine, Diabetes Genetic Predisposition, and Changes of Insulin Sensitivity in Response to Weight-Loss Diets. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, 3820-3826	5.6	20
50	PCSK7 genotype modifies effect of a weight-loss diet on 2-year changes of insulin resistance: the POUNDS LOST trial. <i>Diabetes Care</i> , <b>2015</b> , 38, 439-44	14.6	28
49	GeneDiet Interaction on Body Weight Maintenance. <i>Current Nutrition Reports</i> , <b>2015</b> , 4, 209-213	6	

48	Dietary Fat Modifies the Effects of FTO Genotype on Changes in Insulin Sensitivity. <i>Journal of Nutrition</i> , <b>2015</b> , 145, 977-82	4.1	25
47	Gene-dietary fat interaction, bone mineral density and bone speed of sound in children: a twin study in China. <i>Molecular Nutrition and Food Research</i> , <b>2015</b> , 59, 544-51	5.9	1
46	Genetic Predisposition to Polycystic Ovary Syndrome, Postpartum Weight Reduction, and Glycemic Changes: A Longitudinal Study in Women With Prior Gestational Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2015</b> , 100, E1560-7	5.6	2
45	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> , <b>2015</b> , 58, 2791-9	10.3	16
44	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> , <b>2015</b> , 52, 2166-74	3.3	60
43	Interaction between Marine-Derived n-3 Long Chain Polyunsaturated Fatty Acids and Uric Acid on Glucose Metabolism and Risk of Type 2 Diabetes Mellitus: A Case-Control Study. <i>Marine Drugs</i> , <b>2015</b> , 13, 5564-78	6	2
42	Genetic Predisposition to Central Obesity and Risk of Type 2 Diabetes: Two Independent Cohort Studies. <i>Diabetes Care</i> , <b>2015</b> , 38, 1306-11	14.6	40
41	Consumption of whole grains and cereal fiber and total and cause-specific mortality: prospective analysis of 367,442 individuals. <i>BMC Medicine</i> , <b>2015</b> , 13, 59	11.4	89
40	DNA Methylation Variants at HIF3A Locus, B-Vitamin Intake, and Long-term Weight Change: Gene-Diet Interactions in Two U.S. Cohorts. <i>Diabetes</i> , <b>2015</b> , 64, 3146-54	0.9	34
39	Complementary feeding and childhood adiposity in preschool-aged children in a large Chinese cohort. <i>Journal of Pediatrics</i> , <b>2015</b> , 166, 326-31.e2	3.6	16
38	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. <i>Asia Pacific Journal of Clinical Nutrition</i> , <b>2015</b> , 24, 403-11	1	13
37	FTO genotype, dietary protein, and change in appetite: the Preventing Overweight Using Novel Dietary Strategies trial. <i>American Journal of Clinical Nutrition</i> , <b>2014</b> , 99, 1126-30	7	49
36	Exclusive breastfeeding is inversely associated with risk of childhood overweight in a large Chinese cohort. <i>Journal of Nutrition</i> , <b>2014</b> , 144, 1454-9	4.1	27
35	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> , <b>2014</b> , 7, 63-74		11
34	Interaction between Erythrocyte Phospholipid Fatty Acids Composition and Variants of Inflammation-Related Genes on Type 2 Diabetes. <i>Journal of Nutrigenetics and Nutrigenomics</i> , <b>2014</b> , 7, 252-63		3
33	Multiple nonglycemic genomic loci are newly associated with blood level of glycated hemoglobin in East Asians. <i>Diabetes</i> , <b>2014</b> , 63, 2551-62	0.9	46
32	Gelatin quantification by oxygen-18 labeling and liquid chromatography-high-resolution mass spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , <b>2014</b> , 62, 11840-53	5.7	11
31	Plasma n-3 and n-6 fatty acids and inflammatory markers in Chinese vegetarians. <i>Lipids in Health and Disease</i> , <b>2014</b> , 13, 151	4.4	13

30	Genetic variants in desaturase gene, erythrocyte fatty acids, and risk for type 2 diabetes in Chinese Hans. <i>Nutrition</i> , <b>2014</b> , 30, 897-902	4.8	14
29	Effect of marine-derived n-3 polyunsaturated fatty acids on C-reactive protein, interleukin 6 and tumor necrosis factor $\alpha$ meta-analysis. <i>PLoS ONE</i> , <b>2014</b> , 9, e88103	3.7	133
28	Consumption of whole grain and cereal fiber with total and cause-specific mortality: prospective analysis of 367,442 individuals (628.17). <i>FASEB Journal</i> , <b>2014</b> , 28, 628.17	0.9	
27	Association of homocysteine with type 2 diabetes: a meta-analysis implementing Mendelian randomization approach. <i>BMC Genomics</i> , <b>2013</b> , 14, 867	4.5	88
26	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> , <b>2013</b> , 65, 1-16	2.8	50
25	Associations of plasma phospholipid fatty acids with plasma homocysteine in Chinese vegetarians. <i>British Journal of Nutrition</i> , <b>2013</b> , 109, 1688-94	3.6	15
24	Nutriproteomics and Nutrigenomics: Exploring the Mechanism Behind omega-3 Polyunsaturated Fatty Acids, Homocysteine and Glucose Metabolism. <i>Current Proteomics</i> , <b>2013</b> , 10, 45-55	0.7	
23	Consumption of Chinese tea-flavor liquor improves circulating insulin levels without affecting hepatic lipid metabolism-related gene expression in Sprague-Dawley rats. <i>Scientific World Journal, The</i> , <b>2013</b> , 2013, 842343	2.2	1
22	Effect of polyunsaturated fatty acids on homocysteine metabolism through regulating the gene expressions involved in methionine metabolism. <i>Scientific World Journal, The</i> , <b>2013</b> , 2013, 931626	2.2	21
21	Meta-analysis of B vitamin supplementation on plasma homocysteine, cardiovascular and all-cause mortality. <i>Clinical Nutrition</i> , <b>2012</b> , 31, 448-54	5.9	84
20	Associations of plasma n-3 polyunsaturated fatty acids with blood pressure and cardiovascular risk factors among Chinese. <i>International Journal of Food Sciences and Nutrition</i> , <b>2012</b> , 63, 667-73	3.7	9
19	Effects of Chinese liquors on cardiovascular disease risk factors in healthy young humans. <i>Scientific World Journal, The</i> , <b>2012</b> , 2012, 372143	2.2	4
18	Effect of n-3 polyunsaturated fatty acid on gene expression of the critical enzymes involved in homocysteine metabolism. <i>Nutrition Journal</i> , <b>2012</b> , 11, 6	4.3	36
17	Low docosahexaenoic acid content in plasma phospholipids is associated with increased non-alcoholic fatty liver disease in China. <i>Lipids</i> , <b>2012</b> , 47, 549-56	1.6	24
16	Cardiovascular disease mortality and cancer incidence in vegetarians: a meta-analysis and systematic review. <i>Annals of Nutrition and Metabolism</i> , <b>2012</b> , 60, 233-40	4.5	222
15	Fish consumption and CHD mortality: an updated meta-analysis of seventeen cohort studies. <i>Public Health Nutrition</i> , <b>2012</b> , 15, 725-37	3.3	206
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> , <b>2012</b> , 7, e44525	3.7	91
13	Plasma phospholipid polyunsaturated fatty acids and homocysteine in Chinese type 2 diabetes patients. <i>Asia Pacific Journal of Clinical Nutrition</i> , <b>2012</b> , 21, 394-9	1	8

12	Green tea and black tea consumption and prostate cancer risk: an exploratory meta-analysis of observational studies. <i>Nutrition and Cancer</i> , <b>2011</b> , 63, 663-72	2.8	82
11	High consumption of $\Omega$ 3 polyunsaturated fatty acids decrease plasma homocysteine: a meta-analysis of randomized, placebo-controlled trials. <i>Nutrition</i> , <b>2011</b> , 27, 863-7	4.8	41
10	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> , <b>2011</b> , 141, 654-9	4.1	24
9	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> , <b>2011</b> , 14, 1805-12	3.3	14
8	SHAPE-CONTROLLED SYNTHESIS OF RUTHENIUM NANOPARTICLES. <i>Functional Materials Letters</i> , <b>2011</b> , 04, 337-340	1.2	2
7	Docosahexaenoic acid decreases plasma homocysteine via regulating enzyme activity and mRNA expression involved in methionine metabolism. <i>Nutrition</i> , <b>2010</b> , 26, 112-9	4.8	37
6	Increased plasma n-3 polyunsaturated fatty acid is associated with improved insulin sensitivity in type 2 diabetes in China. <i>Molecular Nutrition and Food Research</i> , <b>2010</b> , 54 Suppl 1, S112-9	5.9	42
5	Plasma phospholipids n-3 polyunsaturated fatty acid is associated with metabolic syndrome. <i>Molecular Nutrition and Food Research</i> , <b>2010</b> , 54, 1628-35	5.9	32
4	COMPARATIVE EFFECTS OF TUNA OIL AND SALMON OIL ON LIVER LIPID METABOLISM AND FATTY ACID CONCENTRATIONS IN RATS. <i>Journal of Food Lipids</i> , <b>2009</b> , 16, 436-451		4
3	Cardiovascular pathogenesis in hyperhomocysteinemia. <i>Asia Pacific Journal of Clinical Nutrition</i> , <b>2008</b> , 17, 8-16	1	30
2	The Trans-Ancestral Genomic Architecture of Glycaemic Traits		1
1	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. <i>Journal of Materials Chemistry C</i> ,	7.1	5