Lu Qi

List of Publications by Year in Descending Order

369 papers	34,692 citations	75 h-index	182 g-index
391 ext. papers	41,736 ext. citations	8.6 avg, IF	6.54 L-index

#	Paper	IF	Citations
369	Adherence to a Healthy Sleep Pattern and Risk of Chronic Kidney Disease: The UK Biobank Study.. *Mayo Clinic Proceedings*, **2022**, 97, 68-77	6.4	1
368	Arterial Stiffness, Genetic Risk, and Type 2 Diabetes: A Prospective Cohort Study.. *Diabetes Care*, **2022**,	14.6	1
367	Use of fish oil supplements is differently related to incidence of all-cause and vascular dementia among people with the distinct APOE ε4 dosage.. *Clinical Nutrition*, **2022**, 41, 731-736	5.9	1
366	Red meat consumption and all-cause and cardiovascular mortality: results from the UK Biobank study.. *European Journal of Nutrition*, **2022**, 1	5.2	0
365	The Relative Validity and Reproducibility of Food Frequency Questionnaires in the China Kadoorie Biobank Study.. *Nutrients*, **2022**, 14,	6.7	2
364	Early-life educational attainment, APOE ε4 alleles, and incident dementia risk in late life.. *GeroScience*, **2022**, 1	8.9	1
363	Birth Weight and the Risk of Cardiovascular Outcomes: A Report From the Large Population-Based UK Biobank Cohort Study.. *Frontiers in Cardiovascular Medicine*, **2022**, 9, 827491	5.4	0
362	Authors reply: Adherence to a healthy sleep pattern is associated with lower risks of all-cause, cardiovascular, and cancer-specific mortality.. *Journal of Internal Medicine*, **2022**,	10.8	
361	Metabolites Associated with Coffee Consumption and Incident Chronic Kidney Disease. *Clinical Journal of the American Society of Nephrology: CJASN*, **2021**, 16, 1620-1629	6.9	0
360	Ultra-processed food intake is associated with grip strength decline in middle-aged and older adults: a prospective analysis of the TCLSIH study. *European Journal of Nutrition*, **2021**, 1	5.2	2
359	Ten-year changes in plasma L-carnitine levels and risk of coronary heart disease. *European Journal of Nutrition*, **2021**, 61, 1353	5.2	1
358	A neuroanatomical basis for electroacupuncture to drive the vagal-adrenal axis. *Nature*, **2021**, 598, 641-645	50.4	44
357	Genetic variations in adiponectin levels and dietary patterns on metabolic health among children with normal weight versus obesity: the BCAMS study. *International Journal of Obesity*, **2021**,	5.5	1
356	Bidirectional relationship between diabetes and pulmonary function: a systematic review and meta-analysis. *Diabetes and Metabolism*, **2021**, 47, 101186	5.4	2
355	Genetically determined SCFA concentration modifies the association of dietary fiber intake with changes in bone mineral density during weight loss: The Preventing Overweight Using Novel Dietary Strategies (POUNDS LOST) trial. *American Journal of Clinical Nutrition*, **2021**, 114, 42-48	7	0
354	Consumption of Preserved Egg Is Associated with Modestly Increased Risk of Nonalcoholic Fatty Liver Disease in Chinese Adults. *Journal of Nutrition*, **2021**, 151, 2741-2748	4.1	0
353	The trans-ancestral genomic architecture of glycemic traits. *Nature Genetics*, **2021**, 53, 840-860	36.3	44

352	Joint Associations of Actual Age and Genetically Determined Age at Menarche With Risk of Mortality. *JAMA Network Open*, **2021**, 4, e2115297	10.4	1
351	Replacement of Sedentary Behavior by Various Daily-Life Physical Activities and Structured Exercises: Genetic Risk and Incident Type 2 Diabetes. *Diabetes Care*, **2021**,	14.6	3
350	Risk factors and incidence of third trimester stillbirths in China. *Scientific Reports*, **2021**, 11, 12701	4.9	1
349	Perinatal exposure to maternal smoking and adulthood smoking behaviors in predicting cardiovascular diseases: A prospective cohort study. *Atherosclerosis*, **2021**, 328, 52-59	3.1	0
348	Temporal and mediation relations of weight loss, and changes in insulin resistance and blood pressure in response to 2-year weight-loss diet interventions: the POUNDS Lost trial. *European Journal of Nutrition*, **2021**, 1	5.2	1
347	Educational attainment and drinking behaviors: Mendelian randomization study in UK Biobank. *Molecular Psychiatry*, **2021**, 26, 4355-4366	15.1	10
346	Distinct genetic subtypes of adiposity and glycemic changes in response to weight-loss diet intervention: the POUNDS Lost trial. *European Journal of Nutrition*, **2021**, 60, 249-258	5.2	3
345	Genetic variants in the FAM3C gene are associated with lipid traits in Chinese children. *Pediatric Research*, **2021**, 89, 673-678	3.2	
344	Dietary Fiber, Genetic Variations of Gut Microbiota-derived Short-chain Fatty Acids, and Bone Health in UK Biobank. *Journal of Clinical Endocrinology and Metabolism*, **2021**, 106, 201-210	5.6	7
343	Adherence to a Healthy Sleep Pattern and Incident Heart Failure: A Prospective Study of 408 802 UK Biobank Participants. *Circulation*, **2021**, 143, 97-99	16.7	13
342	Maternal GDM Status, Genetically Determined Blood Glucose, and Offspring Obesity Risk: An Observational Study. *Obesity*, **2021**, 29, 204-212	8	0
341	Habitual use of vitamin D supplements and risk of coronavirus disease 2019 (COVID-19) infection: a prospective study in UK Biobank. *American Journal of Clinical Nutrition*, **2021**, 113, 1275-1281	7	32
340	Low-carbohydrate dietary pattern on glycemic outcomes trial (ADEPT) among individuals with elevated hemoglobin A1c: study protocol for a randomized controlled trial. *Trials*, **2021**, 22, 108	2.8	1
339	Soft drink consumption and risk of nonalcoholic fatty liver disease: results from the Tianjin Chronic Low-Grade Systemic Inflammation and Health (TCLSIH) cohort study. *American Journal of Clinical Nutrition*, **2021**, 113, 1265-1274	7	5
338	Joint exposure to various ambient air pollutants and incident heart failure: a prospective analysis in UK Biobank. *European Heart Journal*, **2021**, 42, 1582-1591	9.5	20
337	Fatty liver index and left ventricular mass: prospective associations from two independent cohorts. *Journal of Hypertension*, **2021**, 39, 961-969	1.9	0
336	Alcohol Consumption Levels as Compared With Drinking Habits in Predicting All-Cause Mortality and Cause-Specific Mortality in Current Drinkers. *Mayo Clinic Proceedings*, **2021**, 96, 1758-1769	6.4	2
335	Healthful plant-based dietary patterns, genetic risk of obesity, and cardiovascular risk in the UK biobank study. *Clinical Nutrition*, **2021**, 40, 4694-4701	5.9	5

334	Obesity and the relation between joint exposure to ambient air pollutants and incident type 2 diabetes: A cohort study in UK Biobank. *PLoS Medicine*, **2021**, 18, e1003767	11.6	3
333	Long-term night shift work is associated with the risk of atrial fibrillation and coronary heart disease. *European Heart Journal*, **2021**, 42, 4180-4188	9.5	11
332	Adherence to a healthy sleep pattern is associated with lower risks of all-cause, cardiovascular and cancer-specific mortality. *Journal of Internal Medicine*, **2021**,	10.8	2
331	Changes in gut-microbiota-related metabolites and long-term improvements in lipoprotein subspecies in overweight and obese adults: the POUNDS lost trial. *International Journal of Obesity*, **2021**, 45, 2600-2607	5.5	0
330	Fried Foods, Gut Microbiota, and Glucose Metabolism. *Diabetes Care*, **2021**, 44, 1907-1909	14.6	
329	Dietary fiber intake and risk of prediabetes in China: results from the TCLSIH Cohort Study. *British Journal of Nutrition*, **2021**, 1-20	3.6	0
328	Ultra-processed food consumption and the risk of non-alcoholic fatty liver disease in the Tianjin Chronic Low-grade Systemic Inflammation and Health Cohort Study. *International Journal of Epidemiology*, **2021**,	7.8	4
327	Healthy Sleep Patterns and Risk of Incident Arrhythmias. *Journal of the American College of Cardiology*, **2021**, 78, 1197-1207	15.1	5
326	Dietary patterns and risk of non-alcoholic fatty liver disease in adults: A prospective cohort study. *Clinical Nutrition*, **2021**, 40, 5373-5382	5.9	3
325	Puberty Status Modifies the Effects of Genetic Variants, Lifestyle Factors and Their Interactions on Adiponectin: The BCAMS Study.. *Frontiers in Endocrinology*, **2021**, 12, 737459	5.7	
324	Association of healthy lifestyle including a healthy sleep pattern with incident type 2 diabetes mellitus among individuals with hypertension.. *Cardiovascular Diabetology*, **2021**, 20, 239	8.7	2
323	The Association of Energy and Macronutrient Intake at Dinner Versus Breakfast With Disease-Specific and All-Cause Mortality Among People With Diabetes: The U.S. National Health and Nutrition Examination Survey, 2003-2014. *Diabetes Care*, **2020**, 43, 1442-1448	14.6	9
322	Air pollution and gestational diabetes mellitus: evidence from cohort studies. *BMJ Open Diabetes Research and Care*, **2020**, 8,	4.5	13
321	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	12.1	2
320	Genetic susceptibility, plant-based dietary patterns, and risk of cardiovascular disease. *American Journal of Clinical Nutrition*, **2020**, 112, 220-228	7	14
319	MicroRNAs and other mechanisms underlying the relation between sleep patterns and cardiovascular disease. *European Heart Journal*, **2020**, 41, 2502	9.5	3
318	The Mediterranean diet, plasma metabolome, and cardiovascular disease risk. *European Heart Journal*, **2020**, 41, 2645-2656	9.5	54
317	Association Between Healthy Eating Patterns and Risk of Cardiovascular Disease. *JAMA Internal Medicine*, **2020**, 180, 1090-1100	11.5	68

316	Starch Digestion-Related Amylase Genetic Variants, Diet, and Changes in Adiposity: Analyses in Prospective Cohort Studies and a Randomized Dietary Intervention. *Diabetes*, **2020**, 69, 1917-1926	0.9	3
315	Reply: TMAO Changes and Coronary Heart Disease Risk: Potential Impact and Study Considerations. *Journal of the American College of Cardiology*, **2020**, 75, 3102-3104	15.1	1
314	Daily Branched-Chain Amino Acid Intake and Risks of Obesity and Insulin Resistance in Children: A Cross-Sectional Study. *Obesity*, **2020**, 28, 1310-1316	8	8
313	Changes of Branched-Chain Amino Acids and Ectopic Fat in Response to Weight-loss Diets: the POUNDS Lost Trial. *Journal of Clinical Endocrinology and Metabolism*, **2020**, 105,	5.6	2
312	Branched-chain amino acids, history of gestational diabetes, and breastfeeding: The Bogalusa Heart Study. *Nutrition, Metabolism and Cardiovascular Diseases*, **2020**, 30, 2077-2084	4.5	
311	Long-Term Changes in Gut Microbial Metabolite Trimethylamine N-Oxide and Coronary Heart Disease Risk. *Journal of the American College of Cardiology*, **2020**, 75, 763-772	15.1	43
310	Associations of Perfluoroalkyl substances with blood lipids and Apolipoproteins in lipoprotein subspecies: the POUNDS-lost study. *Environmental Health*, **2020**, 19, 5	6	17
309	Hematocrit levels and arterial stiffness: the Cardiometabolic Risk in Chinese (CRC) Study. *International Journal of Diabetes in Developing Countries*, **2020**, 40, 235-241	0.8	
308	Glucosamine Use, Inflammation, and Genetic Susceptibility, and Incidence of Type 2 Diabetes: A Prospective Study in UK Biobank. *Diabetes Care*, **2020**, 43, 719-725	14.6	14
307	Metabolically healthy obesity, transition to unhealthy metabolic status, and vascular disease in Chinese adults: A cohort study. *PLoS Medicine*, **2020**, 17, e1003351	11.6	27
306	Interaction between early environment and genetic predisposition instigates the metabolically obese, normal weight phenotype in children: findings from the BCAMS study. *European Journal of Endocrinology*, **2020**, 182, 393-403	6.5	6
305	Maternal Diabetes Mellitus and Persistent Pulmonary Hypertension of the Newborn: Accumulated Evidence From Observational Studies. *Canadian Journal of Diabetes*, **2020**, 44, 327-334.e3	2.1	1
304	Shared genetic and experimental links between obesity-related traits and asthma subtypes in UK Biobank. *Journal of Allergy and Clinical Immunology*, **2020**, 145, 537-549	11.5	70
303	Duration and Life-Stage of Antibiotic Use and Risks of All-Cause and Cause-Specific Mortality: Prospective Cohort Study. *Circulation Research*, **2020**, 126, 364-373	15.7	6
302	Sleep patterns, genetic susceptibility, and incident cardiovascular disease: a prospective study of 385 292 UK biobank participants. *European Heart Journal*, **2020**, 41, 1182-1189	9.5	67
301	Prediabetes and structural brain abnormalities: Evidence from observational studies. *Diabetes/Metabolism Research and Reviews*, **2020**, 36, e3261	7.5	5
300	Maternal smoking, genetic susceptibility, and birth-to-adulthood body weight. *International Journal of Obesity*, **2020**, 44, 1330-1340	5.5	2
299	Maternal MTNR1B genotype, maternal gestational weight gain, and childhood obesity. *American Journal of Clinical Nutrition*, **2020**, 111, 360-368	7	8

298	Predicting Weight Loss Using Psychological and Behavioral Factors: The POUNDS LOST Trial. *Journal of Clinical Endocrinology and Metabolism*, **2020**, 105,	5.6	2
297	Associations between gut microbiota and Alzheimer's disease, major depressive disorder, and schizophrenia. *Journal of Neuroinflammation*, **2020**, 17, 288	10.1	26
296	Association between maternal gestational weight gain and preterm birth according to body mass index and maternal age in Quzhou, China. *Scientific Reports*, **2020**, 10, 15863	4.9	2
295	Genetic variation in lean body mass, changes of appetite and weight loss in response to diet interventions: The POUNDS Lost trial. *Diabetes, Obesity and Metabolism*, **2020**, 22, 2305-2315	6.7	5
294	Maternal Gestational Diabetes Mellitus Modifies the Relationship Between Genetically Determined Body Mass Index During Pregnancy and Childhood Obesity. *Mayo Clinic Proceedings*, **2020**, 95, 1877-1887	6.4	5
293	Baseline Vitamin D Status, Sleep Patterns, and the Risk of Incident Type 2 Diabetes in Data From the UK Biobank Study. *Diabetes Care*, **2020**, 43, 2776-2784	14.6	19
292	Consumption of animal and plant foods and risk of left ventricular diastolic dysfunction: the Bogalusa Heart Study. *ESC Heart Failure*, **2020**, 7, 2700-2710	3.7	2
291	Genetic Predisposition to Coronary Artery Disease in Type 2 Diabetes Mellitus. *Circulation Genomic and Precision Medicine*, **2020**, 13, e002769	5.2	1
290	Genetic susceptibility, lifestyle intervention and glycemic changes among women with prior gestational diabetes. *Clinical Nutrition*, **2020**, 39, 2144-2150	5.9	3
289	Genetic Variations Impacting the Response to Defined Diets **2020**, 197-201		
288	Additive and Multiplicative Interactions Between Genetic Risk Score and Family History and Lifestyle in Relation to Risk of Type 2 Diabetes. *American Journal of Epidemiology*, **2020**, 189, 445-460	3.8	6
287	Obstructive sleep apnea is associated with coronary microvascular dysfunction: A systematic review from a clinical perspective. *Journal of Sleep Research*, **2020**, 29, e13046	5.8	6
286	Metabolically healthy obesity, transition to unhealthy metabolic status, and vascular disease in Chinese adults: A cohort study **2020**, 17, e1003351		
285	Metabolically healthy obesity, transition to unhealthy metabolic status, and vascular disease in Chinese adults: A cohort study **2020**, 17, e1003351		
284	Metabolically healthy obesity, transition to unhealthy metabolic status, and vascular disease in Chinese adults: A cohort study **2020**, 17, e1003351		
283	Metabolically healthy obesity, transition to unhealthy metabolic status, and vascular disease in Chinese adults: A cohort study **2020**, 17, e1003351		
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280	Metabolically healthy obesity, transition to unhealthy metabolic status, and vascular disease in Chinese adults: A cohort study **2020**, 17, e1003351		
279	Metabolically healthy obesity, transition to unhealthy metabolic status, and vascular disease in Chinese adults: A cohort study **2020**, 17, e1003351		
278	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	7	15
277	Association of Birth Weight With Type 2 Diabetes and Glycemic Traits: A Mendelian Randomization Study. *JAMA Network Open*, **2019**, 2, e1910915	10.4	14
276	Is central obesity associated with diabetic retinopathy in Chinese individuals? An exploratory study. *Journal of International Medical Research*, **2019**, 47, 5601-5612	1.4	3
275	Sex Differences in Cardiovascular Risk Profile From Childhood to Midlife Between Individuals Who Did and Did Not Develop Diabetes at Follow-up: The Bogalusa Heart Study. *Diabetes Care*, **2019**, 42, 635-643	14.6	13
274	Genetics of Central Obesity and Body Fat **2019**, 153-174		1
273	Circulating Gut Microbiota Metabolite Trimethylamine N-Oxide (TMAO) and Changes in Bone Density in Response to Weight Loss Diets: The POUNDS Lost Trial. *Diabetes Care*, **2019**, 42, 1365-1371	14.6	15
272	Lessons Learned from the POUNDS Lost Study: Genetic, Metabolic, and Behavioral Factors Affecting Changes in Body Weight, Body Composition, and Cardiometabolic Risk. *Current Obesity Reports*, **2019**, 8, 262-283	8.4	18
271	Prediction of Proliferative Diabetic Retinopathy to Asymptomatic Obstructive Coronary Artery Disease in Chinese Type 2 Diabetes Individuals: An Exploratory Study. *Metabolic Syndrome and Related Disorders*, **2019**, 17, 367-373	2.6	1
270	Urine NGAL as an early biomarker for diabetic kidney disease: accumulated evidence from observational studies. *Renal Failure*, **2019**, 41, 446-454	2.9	11
269	Genome-wide association study of breakfast skipping links clock regulation with food timing. *American Journal of Clinical Nutrition*, **2019**, 110, 473-484	7	22
268	Association of habitual glucosamine use with risk of cardiovascular disease: prospective study in UK Biobank. *BMJ, The*, **2019**, 365, l1628	5.9	31
267	The Effect of Mankai, a Green Aquatic Plant, on Postprandial Glycemic Response: A Randomized Crossover Controlled Trial. *Diabetes Care*, **2019**, 42, 1162-1169	14.6	13
266	The short-chain fatty acid propionate increases glucagon and FABP4 production, impairing insulin action in mice and humans. *Science Translational Medicine*, **2019**, 11,	17.5	97
265	Plasma metabolomic profiling of amino acids and polar lipids in Iranian obese adults. *Lipids in Health and Disease*, **2019**, 18, 94	4.4	24
264	Intake, Weight Loss, and Gut Microbiota: An Intervention Trial. *Evidence-based Complementary and Alternative Medicine*, **2019**, 2019, 4643074	2.3	1
263	Duration and life-stage of antibiotic use and risk of cardiovascular events in women. *European Heart Journal*, **2019**, 40, 3838-3845	9.5	15

262	High risk of metabolic syndrome after delivery in pregnancies complicated by gestational diabetes. *Diabetes Research and Clinical Practice*, **2019**, 150, 219-226	7.4	15
261	Distinct Uric Acid Trajectories Are Associated With Different Risks of Incident Hypertension in Middle-Aged Adults. *Mayo Clinic Proceedings*, **2019**, 94, 611-619	6.4	6
260	DNA methylation variant, B-vitamins intake and longitudinal change in body mass index. *International Journal of Obesity*, **2019**, 43, 468-474	5.5	3
259	Gut microbiota metabolites, amino acid metabolites and improvements in insulin sensitivity and glucose metabolism: the POUNDS Lost trial. *Gut*, **2019**, 68, 263-270	19.2	71
258	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	15.1	30
257	Improving fruit and vegetable intake attenuates the genetic association with long-term weight gain. *American Journal of Clinical Nutrition*, **2019**, 110, 759-768	7	12
256	Physical activity attenuates the association between the IRS1 genotype and childhood obesity in Chinese children. *Nutrition, Metabolism and Cardiovascular Diseases*, **2019**, 29, 793-801	4.5	4
255	Quality of dietary fat and genetic risk of type 2 diabetes: individual participant data meta-analysis. *BMJ, The*, **2019**, 366, l4292	5.9	23
254	Gene-Environment Interactions on Body Fat Distribution. *International Journal of Molecular Sciences* , **2019**, 20,	6.3	14
253	Lifestyle intervention modifies the effect of the MC4R genotype on changes in insulin resistance among women with prior gestational diabetes: Tianjin Gestational Diabetes Mellitus Prevention Program. *American Journal of Clinical Nutrition*, **2019**, 110, 750-758	7	3
252	Perfluoroalkyl substances and changes in bone mineral density: A prospective analysis in the POUNDS-LOST study. *Environmental Research*, **2019**, 179, 108775	7.9	13
251	Trends in Self-perceived Weight Status, Weight Loss Attempts, and Weight Loss Strategies Among Adults in the United States, 1999-2016. *JAMA Network Open*, **2019**, 2, e1915219	10.4	10
250	Could Vitamin D be Associated with Proliferative Diabetic Retinopathy? Evidence from Pooling Studies. *Hormone and Metabolic Research*, **2019**, 51, 729-734	3.1	3
249	Genetic Susceptibility, Dietary Protein Intake, and Changes of Blood Pressure: The POUNDS Lost Trial. *Hypertension*, **2019**, 74, 1460-1467	8.5	4
248	Family History, Tobacco Smoking, and Risk of Ischemic Stroke. *Journal of Stroke*, **2019**, 21, 175-183	5.6	2
247	Fish and marine fatty acids intakes, the genotypes and long-term weight gain: a prospective cohort study. *BMJ Open*, **2019**, 9, e022877	3	2
246	Associations of dairy intake with risk of mortality in women and men: three prospective cohort studies. *BMJ, The*, **2019**, 367, l6204	5.9	27
245	Vitamin D, genetics, and bone mineral density during weight loss. *Current Opinion in Clinical Nutrition and Metabolic Care*, **2019**, 22, 465-471	3.8	

244	Impact of Genes and Environment on Obesity and Cardiovascular Disease. *Endocrinology*, **2019**, 160, 81-100	4.8	19
243	Type 2 Diabetes and Hypertension. *Circulation Research*, **2019**, 124, 930-937	15.7	56
242	Maternal Gestational Diabetes Is Associated With Offspring's Hypertension. *American Journal of Hypertension*, **2019**, 32, 335-342	2.3	18
241	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	5.2	19
240	Associations of multiple plasma metals with incident type 2 diabetes in Chinese adults: The Dongfeng-Tongji Cohort. *Environmental Pollution*, **2018**, 237, 917-925	9.3	43
239	Gut-microbiome-related LCT genotype and 2-year changes in body composition and fat distribution: the POUNDS Lost Trial. *International Journal of Obesity*, **2018**, 42, 1565-1573	5.5	8
238	Obesity-Related Metabolomic Profiles and Discrimination of Metabolically Unhealthy Obesity. *Journal of Proteome Research*, **2018**, 17, 1452-1462	5.6	30
237	Gallstone disease and increased risk of mortality: Two large prospective studies in US men and women. *Journal of Gastroenterology and Hepatology (Australia)*, **2018**, 33, 1925-1931	4	17
236	History of Asthma From Childhood and Arterial Stiffness in Asymptomatic Young Adults: The Bogalusa Heart Study. *Hypertension*, **2018**, 71, 928-936	8.5	4
235	One-year weight losses in the Tianjin Gestational Diabetes Mellitus Prevention Programme: A randomized clinical trial. *Diabetes, Obesity and Metabolism*, **2018**, 20, 1246-1255	6.7	23
234	HNF1A variant, energy-reduced diets and insulin resistance improvement during weight loss: The POUNDS Lost trial and DIRECT. *Diabetes, Obesity and Metabolism*, **2018**, 20, 1445-1452	6.7	13
233	Macronutrient-specific effect of the genotype on lipid levels in response to 2 year weight-loss diets. *Journal of Lipid Research*, **2018**, 59, 155-161	6.3	15
232	Prenatal famine exposure, adulthood obesity patterns and risk of type 2 diabetes. *International Journal of Epidemiology*, **2018**, 47, 399-408	7.8	41
231	Associations between genetic variants associated with body mass index and trajectories of body fatness across the life course: a longitudinal analysis. *International Journal of Epidemiology*, **2018**, 47, 506-515	7.8	9
230	Dietary glutamine, glutamate and mortality: two large prospective studies in US men and women. *International Journal of Epidemiology*, **2018**, 47, 311-320	7.8	22
229	Changes in Gut Microbiota-Related Metabolites and Long-term Successful Weight Loss in Response to Weight-Loss Diets: The POUNDS Lost Trial. *Diabetes Care*, **2018**, 41, 413-419	14.6	40
228	Improving adherence to healthy dietary patterns, genetic risk, and long term weight gain: gene-diet interaction analysis in two prospective cohort studies. *BMJ, The*, **2018**, 360, j5644	5.9	69
227	Genetic, epigenetic and transcriptional variations at NFATC2IP locus with weight loss in response to diet interventions: The POUNDS Lost Trial. *Diabetes, Obesity and Metabolism*, **2018**, 20, 2298-2303	6.7	14

226	The Circadian Rhythm-Related MTNR1B Genotype, Gestational Weight Gain, and Postpartum Glycemic Changes. *Journal of Clinical Endocrinology and Metabolism*, **2018**, 103, 2284-2290	5.6	8
225	Effects of Dairy Products Consumption on Body Weight and Body Composition Among Adults: An Updated Meta-Analysis of 37 Randomized Control Trials. *Molecular Nutrition and Food Research*, **2018**, 62, 1700410	5.9	28
224	Sugar-sweetened beverage intake associations with fasting glucose and insulin concentrations are not modified by selected genetic variants in a ChREBP-FGF21 pathway: a meta-analysis. *Diabetologia*, **2018**, 61, 317-330	10.3	17
223	Low-Fat vs Low-Carbohydrate Diets and Weight Loss. *JAMA - Journal of the American Medical Association*, **2018**, 320, 202-203	27.4	0
222	Insulin Resistance and β-Cell Dysfunction in Relation to Cardiometabolic Risk Patterns. *Journal of Clinical Endocrinology and Metabolism*, **2018**, 103, 2207-2215	5.6	9
221	Effectiveness of vitamin D therapy in improving metabolomic biomarkers in obesity phenotypes: Two randomized clinical trials. *International Journal of Obesity*, **2018**, 42, 1782-1796	5.5	7
220	Perfluoroalkyl substances and changes in body weight and resting metabolic rate in response to weight-loss diets: A prospective study. *PLoS Medicine*, **2018**, 15, e1002502	11.6	81
219	Effect of Serum Adiponectin Levels on the Association Between Childhood Body Mass Index and Adulthood Carotid Intima-Media Thickness. *American Journal of Cardiology*, **2018**, 121, 579-583	3	7
218	Longitudinal Analysis of Genetic Susceptibility and BMI Throughout Adult Life. *Diabetes*, **2018**, 67, 248-255	8.9	25
217	Type 2 diabetes is causally associated with depression: a Mendelian randomization analysis. *Frontiers of Medicine*, **2018**, 12, 678-687	12	9
216	Genetically determined vitamin D levels and change in bone density during a weight-loss diet intervention: the Preventing Overweight Using Novel Dietary Strategies (POUNDS Lost) Trial. *American Journal of Clinical Nutrition*, **2018**, 108, 1129-1134	7	5
215	Diet quality and genetic association with body mass index: results from 3 observational studies. *American Journal of Clinical Nutrition*, **2018**, 108, 1291-1300	7	25
214	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	11	151
213	Association of branched chain amino acids related variant rs1440581 with risk of incident diabetes and longitudinal changes in insulin resistance in Chinese. *Acta Diabetologica*, **2018**, 55, 901-908	3.9	4
212	Effects of the interaction between glycated haemoglobin genetic risk score and postpartum weight reduction on glycaemic changes: A gene-weight interaction analysis. *Diabetes, Obesity and Metabolism*, **2018**, 20, 2733-2739	6.7	0
211	Dietary Protein Modifies the Effect of the Genotype on 2-Year Changes in Appetite and Food Craving: The POUNDS Lost Trial. *Journal of Nutrition*, **2017**, 147, 439-444	4.1	15
210	Physical Activity, TV Watching Time, Sleeping, and Risk of Obesity and Hyperglycemia in the Offspring of Mothers with Gestational Diabetes Mellitus. *Scientific Reports*, **2017**, 7, 41115	4.9	7
209	Rare Loss-of-Function Variants in Predispose to Human Obesity. *Diabetes*, **2017**, 66, 935-947	0.9	28

208	Adherence to Healthy Lifestyle and Cardiovascular Diseases in the Chinese Population. *Journal of the American College of Cardiology*, **2017**, 69, 1116-1125	15.1	81
207	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. *Nature Communications*, **2017**, 8, 14977	17.4	105
206	Gut microbiome and serum metabolome alterations in obesity and after weight-loss intervention. *Nature Medicine*, **2017**, 23, 859-868	50.5	627
205	Adherence to a healthy lifestyle and the risk of type 2 diabetes in Chinese adults. *International Journal of Epidemiology*, **2017**, 46, 1410-1420	7.8	51
204	Adult height, dietary patterns, and healthy aging. *American Journal of Clinical Nutrition*, **2017**, 106, 589-596	7	10
203	A Systems Genetics Approach Identified GPD1L and its Molecular Mechanism for Obesity in Human Adipose Tissue. *Scientific Reports*, **2017**, 7, 1799	4.9	10
202	An Expanded Genome-Wide Association Study of Type 2 Diabetes in Europeans. *Diabetes*, **2017**, 66, 2888-2902	8.9	414
201	variant, long-chain n-3 PUFAs, and risk of nonfatal myocardial infarction in Costa Rican Hispanics. *American Journal of Clinical Nutrition*, **2017**, 105, 1198-1203	7	7
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1	Gene-Diet Interaction and Weight Management41-52		