# Lu Qi

## List of Publications by Citations



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|---|---|---|---|
| 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 | Genetic studies of body mass index yield new insights for obesity biology. *Nature*, **2015**, 518, 197-206 | 50.4 | 2687 |
| 368 | Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. *Nature Genetics*, **2010**, 42, 937-48 | 36.3 | 2267 |
| 367 | New genetic loci implicated in fasting glucose homeostasis and their impact on type 2 diabetes risk. *Nature Genetics*, **2010**, 42, 105-16 | 36.3 | 1673 |
| 366 | Meta-analysis of genome-wide association data and large-scale replication identifies additional susceptibility loci for type 2 diabetes. *Nature Genetics*, **2008**, 40, 638-45 | 36.3 | 1496 |
| 365 | Large-scale association analysis provides insights into the genetic architecture and pathophysiology of type 2 diabetes. *Nature Genetics*, **2012**, 44, 981-90 | 36.3 | 1482 |
| 364 | Twelve type 2 diabetes susceptibility loci identified through large-scale association analysis. *Nature Genetics*, **2010**, 42, 579-89 | 36.3 | 1449 |
| 363 | Six new loci associated with body mass index highlight a neuronal influence on body weight regulation. *Nature Genetics*, **2009**, 41, 25-34 | 36.3 | 1368 |
| 362 | Defining the role of common variation in the genomic and biological architecture of adult human height. *Nature Genetics*, **2014**, 46, 1173-86 | 36.3 | 1339 |
| 361 | Common variants near MC4R are associated with fat mass, weight and risk of obesity. *Nature Genetics*, **2008**, 40, 768-75 | 36.3 | 1048 |
| 360 | New genetic loci link adipose and insulin biology to body fat distribution. *Nature*, **2015**, 518, 187-196 | 50.4 | 920 |
| 359 | Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. *Nature Genetics*, **2014**, 46, 234-44 | 36.3 | 784 |
| 358 | Meta-analysis identifies 13 new loci associated with waist-hip ratio and reveals sexual dimorphism in the genetic basis of fat distribution. *Nature Genetics*, **2010**, 42, 949-60 | 36.3 | 724 |
| 357 | The genetic architecture of type 2 diabetes. *Nature*, **2016**, 536, 41-47 | 50.4 | 704 |
| 356 | Gut microbiome and serum metabolome alterations in obesity and after weight-loss intervention. *Nature Medicine*, **2017**, 23, 859-868 | 50.5 | 627 |
| 355 | Genetic variation in GIPR influences the glucose and insulin responses to an oral glucose challenge. *Nature Genetics*, **2010**, 42, 142-8 | 36.3 | 527 |
| 354 | Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. *Nature Genetics*, **2013**, 45, 501-12 | 36.3 | 437 |
| 353 | Sugar-sweetened beverages and genetic risk of obesity. *New England Journal of Medicine*, **2012**, 367, 1387-96 | 59.2 | 427 |

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| 352 | An Expanded Genome-Wide Association Study of Type 2 Diabetes in Europeans. *Diabetes*, **2017**, 66, 2888-2902 | 39 | 414 |
| 351 | Physical activity attenuates the influence of FTO variants on obesity risk: a meta-analysis of 218,166 adults and 19,268 children. *PLoS Medicine*, **2011**, 8, e1001116 | 11.6 | 379 |
| 350 | Novel loci for adiponectin levels and their influence on type 2 diabetes and metabolic traits: a multi-ethnic meta-analysis of 45,891 individuals. *PLoS Genetics*, **2012**, 8, e1002607 | 6 | 326 |
| 349 | Determinants and Consequences of Obesity. *American Journal of Public Health*, **2016**, 106, 1656-62 | 5.1 | 310 |
| 348 | Meta-analysis identifies common variants associated with body mass index in east Asians. *Nature Genetics*, **2012**, 44, 307-11 | 36.3 | 301 |
| 347 | Genetic fine mapping and genomic annotation defines causal mechanisms at type 2 diabetes susceptibility loci. *Nature Genetics*, **2015**, 47, 1415-25 | 36.3 | 292 |
| 346 | Consumption of cereal fiber, mixtures of whole grains and bran, and whole grains and risk reduction in type 2 diabetes, obesity, and cardiovascular disease. *American Journal of Clinical Nutrition*, **2013**, 98, 594-619 | 7 | 284 |
| 345 | Sex-stratified genome-wide association studies including 270,000 individuals show sexual dimorphism in genetic loci for anthropometric traits. *PLoS Genetics*, **2013**, 9, e1003500 | 6 | 277 |
| 344 | Exposure to the Chinese famine in early life and the risk of hyperglycemia and type 2 diabetes in adulthood. *Diabetes*, **2010**, 59, 2400-6 | 0.9 | 276 |
| 343 | Gut Microbiota Metabolites and Risk of Major Adverse Cardiovascular Disease Events and Death: A Systematic Review and Meta-Analysis of Prospective Studies. *Journal of the American Heart Association*, **2017**, 6, | 6 | 256 |
| 342 | The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. *PLoS Genetics*, **2015**, 11, e1005378 | 6 | 220 |
| 341 | Whole-grain, bran, and cereal fiber intakes and markers of systemic inflammation in diabetic women. *Diabetes Care*, **2006**, 29, 207-11 | 14.6 | 194 |
| 340 | Joint effects of common genetic variants on the risk for type 2 diabetes in U.S. men and women of European ancestry. *Annals of Internal Medicine*, **2009**, 150, 541-50 | 8 | 191 |
| 339 | Fried food consumption, genetic risk, and body mass index: gene-diet interaction analysis in three US cohort studies. *BMJ, The*, **2014**, 348, g1610 | 5.9 | 181 |
| 338 | Gene-environment interaction and obesity. *Nutrition Reviews*, **2008**, 66, 684-94 | 6.4 | 179 |
| 337 | Identification of new genetic risk variants for type 2 diabetes. *PLoS Genetics*, **2010**, 6, e1001127 | 6 | 168 |
| 336 | Genetic variants at 2q24 are associated with susceptibility to type 2 diabetes. *Human Molecular Genetics*, **2010**, 19, 2706-15 | 5.6 | 164 |
| 335 | Stratifying type 2 diabetes cases by BMI identifies genetic risk variants in LAMA1 and enrichment for risk variants in lean compared to obese cases. *PLoS Genetics*, **2012**, 8, e1002741 | 6 | 162 |

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|---|---|---|---|
| 334 | The common obesity variant near MC4R gene is associated with higher intakes of total energy and dietary fat, weight change and diabetes risk in women. *Human Molecular Genetics*, **2008**, 17, 3502-8 | 5.6 | 162 |
| 333 | Genome-wide meta-analysis of observational studies shows common genetic variants associated with macronutrient intake. *American Journal of Clinical Nutrition*, **2013**, 97, 1395-402 | 7 | 161 |
| 332 | Dietary glycemic index, glycemic load, cereal fiber, and plasma adiponectin concentration in diabetic men. *Diabetes Care*, **2005**, 28, 1022-8 | 14.6 | 157 |
| 331 | 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 |
| 330 | Whole-grain, cereal fiber, bran, and germ intake and the risks of all-cause and cardiovascular disease-specific mortality among women with type 2 diabetes mellitus. *Circulation*, **2010**, 121, 2162-8 | 16.7 | 148 |
| 329 | Gene physical activity interactions in obesity: combined analysis of 111,421 individuals of European ancestry. *PLoS Genetics*, **2013**, 9, e1003607 | 6 | 145 |
| 328 | Novel locus including FGF21 is associated with dietary macronutrient intake. *Human Molecular Genetics*, **2013**, 22, 1895-902 | 5.6 | 134 |
| 327 | Exposure to the chinese famine in early life and the risk of metabolic syndrome in adulthood. *Diabetes Care*, **2011**, 34, 1014-8 | 14.6 | 132 |
| 326 | Genetic variants in ABO blood group region, plasma soluble E-selectin levels and risk of type 2 diabetes. *Human Molecular Genetics*, **2010**, 19, 1856-62 | 5.6 | 131 |
| 325 | ABO blood group and risk of coronary heart disease in two prospective cohort studies. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2012**, 32, 2314-20 | 9.4 | 124 |
| 324 | Fat mass-and obesity-associated (FTO) gene variant is associated with obesity: longitudinal analyses in two cohort studies and functional test. *Diabetes*, **2008**, 57, 3145-51 | 0.9 | 123 |
| 323 | The +276 polymorphism of the APM1 gene, plasma adiponectin concentration, and cardiovascular risk in diabetic men. *Diabetes*, **2005**, 54, 1607-10 | 0.9 | 122 |
| 322 | FTO genetic variants, dietary intake and body mass index: insights from 177,330 individuals. *Human Molecular Genetics*, **2014**, 23, 6961-72 | 5.6 | 120 |
| 321 | FTO genotype and 2-year change in body composition and fat distribution in response to weight-loss diets: the POUNDS LOST Trial. *Diabetes*, **2012**, 61, 3005-11 | 0.9 | 118 |
| 320 | Genetic predisposition, Western dietary pattern, and the risk of type 2 diabetes in men. *American Journal of Clinical Nutrition*, **2009**, 89, 1453-8 | 7 | 113 |
| 319 | Adiponectin genetic variability, plasma adiponectin, and cardiovascular risk in patients with type 2 diabetes. *Diabetes*, **2006**, 55, 1512-6 | 0.9 | 110 |
| 318 | 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 |
| 317 | Genes, environment, and interactions in prevention of type 2 diabetes: a focus on physical activity and lifestyle changes. *Current Molecular Medicine*, **2008**, 8, 519-32 | 2.5 | 105 |

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| 316 | Genome-wide analysis of BMI in adolescents and young adults reveals additional insight into the effects of genetic loci over the life course. *Human Molecular Genetics*, **2013**, 22, 3597-607 | 5.6 | 103 |
| 315 | Genome-wide physical activity interactions in adiposity - A meta-analysis of 200,452 adults. *PLoS Genetics*, **2017**, 13, e1006528 | 6 | 103 |
| 314 | Consumption of spicy foods and total and cause specific mortality: population based cohort study. *BMJ, The*, **2015**, 351, h3942 | 5.9 | 101 |
| 313 | Television watching, leisure time physical activity, and the genetic predisposition in relation to body mass index in women and men. *Circulation*, **2012**, 126, 1821-7 | 16.7 | 100 |
| 312 | Insulin receptor substrate 1 gene variation modifies insulin resistance response to weight-loss diets in a 2-year randomized trial: the Preventing Overweight Using Novel Dietary Strategies (POUNDS LOST) trial. *Circulation*, **2011**, 124, 563-71 | 16.7 | 100 |
| 311 | 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 |
| 310 | Association between a genetic variant related to glutamic acid metabolism and coronary heart disease in individuals with type 2 diabetes. *JAMA - Journal of the American Medical Association*, **2013** , 310, 821-8 | 27.4 | 95 |
| 309 | Consumption of whole grains and cereal fiber and total and cause-specific mortality: prospective analysis of 367,442 individuals. *BMC Medicine*, **2015**, 13, 59 | 11.4 | 89 |
| 308 | Genetic risk score and risk of myocardial infarction in Hispanics. *Circulation*, **2011**, 123, 374-80 | 16.7 | 88 |
| 307 | Gene-environment interactions in genome-wide association studies: a comparative study of tests applied to empirical studies of type 2 diabetes. *American Journal of Epidemiology*, **2012**, 175, 191-202 | 3.8 | 88 |
| 306 | Tianjin Gestational Diabetes Mellitus Prevention Program: study design, methods, and 1-year interim report on the feasibility of lifestyle intervention program. *Diabetes Research and Clinical Practice*, **2012**, 98, 508-17 | 7.4 | 86 |
| 305 | Genetic variation in IL6 gene and type 2 diabetes: tagging-SNP haplotype analysis in large-scale case-control study and meta-analysis. *Human Molecular Genetics*, **2006**, 15, 1914-20 | 5.6 | 85 |
| 304 | Obese subjects carrying the 11482G>A polymorphism at the perilipin locus are resistant to weight loss after dietary energy restriction. *Journal of Clinical Endocrinology and Metabolism*, **2005**, 90, 5121-6 | 5.6 | 85 |
| 303 | Interleukin-6 genetic variability and adiposity: associations in two prospective cohorts and systematic review in 26,944 individuals. *Journal of Clinical Endocrinology and Metabolism*, **2007**, 92, 3618-25 | 5.6 | 83 |
| 302 | 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 |
| 301 | 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 |
| 300 | Dietary fibers and glycemic load, obesity, and plasma adiponectin levels in women with type 2 diabetes. *Diabetes Care*, **2006**, 29, 1501-5 | 14.6 | 81 |
| 299 | Cumulative consumption of branched-chain amino acids and incidence of type 2 diabetes. *International Journal of Epidemiology*, **2016**, 45, 1482-1492 | 7.8 | 80 |

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| 298 | Guide for Current Nutrigenetic, Nutrigenomic, and Nutriepigenetic Approaches for Precision Nutrition Involving the Prevention and Management of Chronic Diseases Associated with Obesity. *Journal of Nutrigenetics and Nutrigenomics*, **2017**, 10, 43-62 | | 80 |
| 297 | Gene-Diet Interaction and Precision Nutrition in Obesity. *International Journal of Molecular Sciences* , **2017**, 18, | 6.3 | 79 |
| 296 | Diet, Lifestyle, Biomarkers, Genetic Factors, and Risk of Cardiovascular Disease in the NursesP Health Studies. *American Journal of Public Health*, **2016**, 106, 1616-23 | 5.1 | 79 |
| 295 | Heme iron from diet as a risk factor for coronary heart disease in women with type 2 diabetes. *Diabetes Care*, **2007**, 30, 101-6 | 14.6 | 78 |
| 294 | Meta-analysis of genome-wide association studies of adult height in East Asians identifies 17 novel loci. *Human Molecular Genetics*, **2015**, 24, 1791-800 | 5.6 | 71 |
| 293 | 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 |
| 292 | Robust evidence for five new GravesPdisease risk loci from a staged genome-wide association analysis. *Human Molecular Genetics*, **2013**, 22, 3347-62 | 5.6 | 71 |
| 291 | 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 |
| 290 | 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 | 5.9 | 70 |
| 289 | Birth weight and later life adherence to unhealthy lifestyles in predicting type 2 diabetes: prospective cohort study. *BMJ, The*, **2015**, 351, h3672 | 5.9 | 69 |
| 288 | 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 |
| 287 | Association Between Healthy Eating Patterns and Risk of Cardiovascular Disease. *JAMA Internal Medicine*, **2020**, 180, 1090-1100 | 11.5 | 68 |
| 286 | Gene dietary pattern interactions in obesity: analysis of up to 68 317 adults of European ancestry. *Human Molecular Genetics*, **2015**, 24, 4728-38 | 5.6 | 68 |
| 285 | Genetic variants, plasma lipoprotein(a) levels, and risk of cardiovascular morbidity and mortality among two prospective cohorts of type 2 diabetes. *European Heart Journal*, **2012**, 33, 325-34 | 9.5 | 68 |
| 284 | Genetic susceptibility to coronary heart disease in type 2 diabetes: 3 independent studies. *Journal of the American College of Cardiology*, **2011**, 58, 2675-82 | 15.1 | 68 |
| 283 | Weight-loss diets modify glucose-dependent insulinotropic polypeptide receptor rs2287019 genotype effects on changes in body weight, fasting glucose, and insulin resistance: the Preventing Overweight Using Novel Dietary Strategies trial. *American Journal of Clinical Nutrition*, **2012**, 95, 506-13 | 7 | 67 |
| 282 | 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 |
| 281 | Dietary Intake, FTO Genetic Variants, and Adiposity: A Combined Analysis of Over 16,000 Children and Adolescents. *Diabetes*, **2015**, 64, 2467-76 | 0.9 | 66 |

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| 280 | TCF7L2, dietary carbohydrate, and risk of type 2 diabetes in US women. *American Journal of Clinical Nutrition*, **2009**, 89, 1256-62 | 7 | 65 |
| 279 | Gender-specific association of a perilipin gene haplotype with obesity risk in a white population. *Obesity*, **2004**, 12, 1758-65 | | 65 |
| 278 | Dietary glycemic load, whole grains, and systemic inflammation in diabetes: the epidemiological evidence. *Current Opinion in Lipidology*, **2007**, 18, 3-8 | 4.4 | 64 |
| 277 | Dairy consumption, systolic blood pressure, and risk of hypertension: Mendelian randomization study. *BMJ, The*, **2017**, 356, j1000 | 5.9 | 63 |
| 276 | Genome-wide association study identifies variants at the IL18-BCO2 locus associated with interleukin-18 levels. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2010**, 30, 885-90 | 9.4 | 62 |
| 275 | Exposure to the Chinese famine in early life and the risk of hypertension in adulthood. *Journal of Hypertension*, **2011**, 29, 1085-92 | 1.9 | 61 |
| 274 | TCF7L2 genetic variants modulate the effect of dietary fat intake on changes in body composition during a weight-loss intervention. *American Journal of Clinical Nutrition*, **2012**, 96, 1129-36 | 7 | 61 |
| 273 | Perilipin gene variation determines higher susceptibility to insulin resistance in Asian women when consuming a high-saturated fat, low-carbohydrate diet. *Diabetes Care*, **2006**, 29, 1313-9 | 14.6 | 61 |
| 272 | FTO genotype and weight loss in diet and lifestyle interventions: a systematic review and meta-analysis. *American Journal of Clinical Nutrition*, **2016**, 103, 1162-70 | 7 | 60 |
| 271 | Genetic predisposition to dyslipidemia and type 2 diabetes risk in two prospective cohorts. *Diabetes*, **2012**, 61, 745-52 | 0.9 | 60 |
| 270 | Association of variation at the ABO locus with circulating levels of soluble intercellular adhesion molecule-1, soluble P-selectin, and soluble E-selectin: a meta-analysis. *Circulation: Cardiovascular Genetics*, **2011**, 4, 681-6 | | 59 |
| 269 | Dietary legume consumption reduces risk of colorectal cancer: evidence from a meta-analysis of cohort studies. *Scientific Reports*, **2015**, 5, 8797 | 4.9 | 58 |
| 268 | Genetic determinant for amino acid metabolites and changes in body weight and insulin resistance in response to weight-loss diets: the Preventing Overweight Using Novel Dietary Strategies (POUNDS LOST) trial. *Circulation*, **2013**, 127, 1283-9 | 16.7 | 56 |
| 267 | Brown adipose tissue activation is inversely related to central obesity and metabolic parameters in adult human. *PLoS ONE*, **2015**, 10, e0123795 | 3.7 | 56 |
| 266 | Type 2 Diabetes and Hypertension. *Circulation Research*, **2019**, 124, 930-937 | 15.7 | 56 |
| 265 | The Mediterranean diet, plasma metabolome, and cardiovascular disease risk. *European Heart Journal*, **2020**, 41, 2645-2656 | 9.5 | 54 |
| 264 | Low birthweight and risk of type 2 diabetes: a Mendelian randomisation study. *Diabetologia*, **2016**, 59, 1920-7 | 10.3 | 53 |
| 263 | Non-linear dose-response relationship between cigarette smoking and pancreatic cancer risk: evidence from a meta-analysis of 42 observational studies. *European Journal of Cancer*, **2014**, 50, 193-203 | 7.5 | 53 |

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| 262 | Intragenic linkage disequilibrium structure of the human perilipin gene (PLIN) and haplotype association with increased obesity risk in a multiethnic Asian population. *Journal of Molecular Medicine*, **2005**, 83, 448-56 | 5.5 | 52 |
| 261 | 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 |
| 260 | Associations of the apolipoprotein A1/C3/A4/A5 gene cluster with triglyceride and HDL cholesterol levels in women with type 2 diabetes. *Atherosclerosis*, **2007**, 192, 204-10 | 3.1 | 51 |
| 259 | Genome-Wide Analysis of DNA Methylation and Acute Coronary Syndrome. *Circulation Research*, **2017**, 120, 1754-1767 | 15.7 | 49 |
| 258 | Dietary phosphatidylcholine and risk of all-cause and cardiovascular-specific mortality among US women and men. *American Journal of Clinical Nutrition*, **2016**, 104, 173-80 | 7 | 49 |
| 257 | FTO genotype, dietary protein, and change in appetite: the Preventing Overweight Using Novel Dietary Strategies trial. *American Journal of Clinical Nutrition*, **2014**, 99, 1126-30 | 7 | 49 |
| 256 | Genome-wide association studies in East Asians identify new loci for waist-hip ratio and waist circumference. *Scientific Reports*, **2016**, 6, 17958 | 4.9 | 48 |
| 255 | Weight-loss diets and 2-y changes in circulating amino acids in 2 randomized intervention trials. *American Journal of Clinical Nutrition*, **2016**, 103, 505-11 | 7 | 48 |
| 254 | Multiple nonglycemic genomic loci are newly associated with blood level of glycated hemoglobin in East Asians. *Diabetes*, **2014**, 63, 2551-62 | 0.9 | 46 |
| 253 | Contribution of the NursesPHealth Studies to Uncovering Risk Factors for Type 2 Diabetes: Diet, Lifestyle, Biomarkers, and Genetics. *American Journal of Public Health*, **2016**, 106, 1624-30 | 5.1 | 46 |
| 252 | APOA5 genotype modulates 2-y changes in lipid profile in response to weight-loss diet intervention: the Pounds Lost Trial. *American Journal of Clinical Nutrition*, **2012**, 96, 917-22 | 7 | 45 |
| 251 | Diabetes and Risk of Arterial Stiffness: A Mendelian Randomization Analysis. *Diabetes*, **2016**, 65, 1731-40 | 0.9 | 44 |
| 250 | A neuroanatomical basis for electroacupuncture to drive the vagal-adrenal axis. *Nature*, **2021**, 598, 641-645 | 5.4 | 44 |
| 249 | The trans-ancestral genomic architecture of glycemic traits. *Nature Genetics*, **2021**, 53, 840-860 | 36.3 | 44 |
| 248 | 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 |
| 247 | 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 |
| 246 | Genome-wide association meta-analysis identifies novel variants associated with fasting plasma glucose in East Asians. *Diabetes*, **2015**, 64, 291-8 | 0.9 | 43 |
| 245 | Prenatal famine exposure, adulthood obesity patterns and risk of type 2 diabetes. *International Journal of Epidemiology*, **2018**, 47, 399-408 | 7.8 | 41 |

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| 244 | Allium vegetables and garlic supplements do not reduce risk of colorectal cancer, based on meta-analysis of prospective studies. *Clinical Gastroenterology and Hepatology*, **2014**, 12, 1991-2001.e1-4; quiz e121 | 6.9 | 41 |
| 243 | 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 |
| 242 | Major Dietary Patterns in Relation to General and Central Obesity among Chinese Adults. *Nutrients*, **2015**, 7, 5834-49 | 6.7 | 40 |
| 241 | Genetic Predisposition to Central Obesity and Risk of Type 2 Diabetes: Two Independent Cohort Studies. *Diabetes Care*, **2015**, 38, 1306-11 | 14.6 | 40 |
| 240 | Mendelian randomization in nutritional epidemiology. *Nutrition Reviews*, **2009**, 67, 439-50 | 6.4 | 40 |
| 239 | HFE genetic variability, body iron stores, and the risk of type 2 diabetes in U.S. women. *Diabetes*, **2005**, 54, 3567-72 | 0.9 | 39 |
| 238 | Variants in glucose- and circadian rhythm-related genes affect the response of energy expenditure to weight-loss diets: the POUNDS LOST Trial. *American Journal of Clinical Nutrition*, **2014**, 99, 392-9 | 7 | 38 |
| 237 | 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. *Diabetes Care*, **2016**, 39, 1909-1914 | 14.6 | 37 |
| 236 | Diabetes Genetic Risk Score Modifies Effect of Bisphenol A Exposure on Deterioration in Glucose Metabolism. *Journal of Clinical Endocrinology and Metabolism*, **2016**, 101, 143-50 | 5.6 | 37 |
| 235 | Dietary patterns are associated with stroke in Chinese adults. *Journal of Nutrition*, **2011**, 141, 1834-9 | 4.1 | 37 |
| 234 | Uncoupling protein 2 promoter polymorphism -866G/A, central adiposity, and metabolic syndrome in Asians. *Obesity*, **2006**, 14, 656-61 | 8 | 37 |
| 233 | Neuropeptide Y promoter polymorphism modifies effects of a weight-loss diet on 2-year changes of blood pressure: the preventing overweight using novel dietary strategies trial. *Hypertension*, **2012**, 60, 1169-75 | 8.5 | 36 |
| 232 | Habitual coffee consumption and genetic predisposition to obesity: gene-diet interaction analyses in three US prospective studies. *BMC Medicine*, **2017**, 15, 97 | 11.4 | 34 |
| 231 | DNA Methylation Variants at HIF3A Locus, B-Vitamin Intake, and Long-term Weight Change: Gene-Diet Interactions in Two U.S. Cohorts. *Diabetes*, **2015**, 64, 3146-54 | 0.9 | 34 |
| 230 | Interleukin-6 receptor gene variations, plasma interleukin-6 levels, and type 2 diabetes in U.S. Women. *Diabetes*, **2007**, 56, 3075-81 | 0.9 | 34 |
| 229 | Gallstone Disease and the Risk of Ischemic Heart Disease. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2015**, 35, 2232-7 | 9.4 | 33 |
| 228 | Genome-wide association analysis identifies TYW3/CRYZ and NDST4 loci associated with circulating resistin levels. *Human Molecular Genetics*, **2012**, 21, 4774-80 | 5.6 | 33 |
| 227 | Gene-diet interaction and weight loss. *Current Opinion in Lipidology*, **2014**, 25, 27-34 | 4.4 | 32 |

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| 226 | Interleukin-6 receptor gene, plasma C-reactive protein, and diabetes risk in women. *Diabetes*, **2009**, 58, 275-8 | 0.9 | 32 |
| 225 | 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 |
| 224 | Association of habitual glucosamine use with risk of cardiovascular disease: prospective study in UK Biobank. *BMJ, The*, **2019**, 365, l1628 | 5.9 | 31 |
| 223 | CETP genotype and changes in lipid levels in response to weight-loss diet intervention in the POUNDS LOST and DIRECT randomized trials. *Journal of Lipid Research*, **2015**, 56, 713-721 | 6.3 | 31 |
| 222 | and Loci Identified through Large-Scale Exome Chip Analysis Regulate Kidney Development and Function. *Journal of the American Society of Nephrology: JASN*, **2017**, 28, 981-994 | 12.7 | 30 |
| 221 | Obesity-Related Metabolomic Profiles and Discrimination of Metabolically Unhealthy Obesity. *Journal of Proteome Research*, **2018**, 17, 1452-1462 | 5.6 | 30 |
| 220 | Weight-Loss Diets, Adiponectin, and Changes in Cardiometabolic Risk in the 2-Year POUNDS Lost Trial. *Journal of Clinical Endocrinology and Metabolism*, **2016**, 101, 2415-22 | 5.6 | 30 |
| 219 | 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 |
| 218 | Joint association between birth weight at term and later life adherence to a healthy lifestyle with risk of hypertension: a prospective cohort study. *BMC Medicine*, **2015**, 13, 175 | 11.4 | 30 |
| 217 | Polymorphisms in the neuropeptide Y gene and the risk of obesity: findings from two prospective cohorts. *Journal of Clinical Endocrinology and Metabolism*, **2011**, 96, E2055-62 | 5.6 | 30 |
| 216 | Novel locus FER is associated with serum HMW adiponectin levels. *Diabetes*, **2011**, 60, 2197-201 | 0.9 | 30 |
| 215 | Interaction between dietary fat intake and the cholesterol ester transfer protein TaqIB polymorphism in relation to HDL-cholesterol concentrations among US diabetic men. *American Journal of Clinical Nutrition*, **2007**, 86, 1524-9 | 7 | 30 |
| 214 | A Low-Frequency Inactivating Variant Enriched in the Finnish Population Is Associated With Fasting Insulin Levels and Type 2 Diabetes Risk. *Diabetes*, **2017**, 66, 2019-2032 | 0.9 | 29 |
| 213 | Circulating adiponectin and cardiovascular mortality in patients with type 2 diabetes mellitus: evidence of sexual dimorphism. *Cardiovascular Diabetology*, **2014**, 13, 130 | 8.7 | 29 |
| 212 | Rare Loss-of-Function Variants in Predispose to Human Obesity. *Diabetes*, **2017**, 66, 935-947 | 0.9 | 28 |
| 211 | PCSK7 genotype modifies effect of a weight-loss diet on 2-year changes of insulin resistance: the POUNDS LOST trial. *Diabetes Care*, **2015**, 38, 439-44 | 14.6 | 28 |
| 210 | 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 |
| 209 | Recent Positive Selection Drives the Expansion of a Schizophrenia Risk Nonsynonymous Variant at SLC39A8 in Europeans. *Schizophrenia Bulletin*, **2016**, 42, 178-90 | 1.3 | 28 |

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| 208 | Gene-Diet Interactions in Complex Disease: Current Findings and Relevance for Public Health. *Current Nutrition Reports*, **2012**, 1, 222-227 | 6 | 28 |
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