

Chao-Qiang Lai

List of Publications by Year in descending order

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Version: 2024-02-01

173
papers

8,850
citations

50170

46
h-index

51492

86
g-index

177
all docs

177
docs citations

177
times ranked

12731
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Mixed linear model approach adapted for genome-wide association studies. <i>Nature Genetics</i> , 2010, 42, 355-360. | 9.4 | 2,022 |
| 2 | The rubber tree genome reveals new insights into rubber production and species adaptation. <i>Nature Plants</i> , 2016, 2, 16073. | 4.7 | 324 |
| 3 | Common Missense Variant in the Glucokinase Regulatory Protein Gene Is Associated With Increased Plasma Triglyceride and C-Reactive Protein but Lower Fasting Glucose Concentrations. <i>Diabetes</i> , 2008, 57, 3112-3121. | 0.3 | 264 |
| 4 | The Genetic Architecture of Response to Long-Term Artificial Selection for Oil Concentration in the Maize Kernel. <i>Genetics</i> , 2004, 168, 2141-2155. | 1.2 | 245 |
| 5 | Naturally occurring variation in bristle number and DNA polymorphisms at the scabrous locus of <i>Drosophila melanogaster</i> . <i>Science</i> , 1994, 266, 1697-1702. | 6.0 | 182 |
| 6 | Influence of the APOA5 locus on plasma triglyceride, lipoprotein subclasses, and CVD risk in the Framingham Heart Study. <i>Journal of Lipid Research</i> , 2004, 45, 2096-2105. | 2.0 | 155 |
| 7 | APOA2, Dietary Fat, and Body Mass Index. <i>Archives of Internal Medicine</i> , 2009, 169, 1897. | 4.3 | 150 |
| 8 | CLOCK genetic variation and metabolic syndrome risk: modulation by monounsaturated fatty acids. <i>American Journal of Clinical Nutrition</i> , 2009, 90, 1466-1475. | 2.2 | 144 |
| 9 | The APOA5 locus is a strong determinant of plasma triglyceride concentrations across ethnic groups in Singapore. <i>Journal of Lipid Research</i> , 2003, 44, 2365-2373. | 2.0 | 134 |
| 10 | Expression Profiling of Neural Cells Reveals Specific Patterns of Ethanol-Responsive Gene Expression. <i>Molecular Pharmacology</i> , 2000, 58, 1593-1600. | 1.0 | 122 |
| 11 | Association of vitamin B-6 status with inflammation, oxidative stress, and chronic inflammatory conditions: the Boston Puerto Rican Health Study. <i>American Journal of Clinical Nutrition</i> , 2010, 91, 337-342. | 2.2 | 120 |
| 12 | The APOA1/C3/A4/A5 gene cluster, lipid metabolism and cardiovascular disease risk. <i>Current Opinion in Lipidology</i> , 2005, 16, 153-166. | 1.2 | 115 |
| 13 | The ϵ 256T>C Polymorphism in the Apolipoprotein A-II Gene Promoter Is Associated with Body Mass Index and Food Intake in the Genetics of Lipid Lowering Drugs and Diet Network Study. <i>Clinical Chemistry</i> , 2007, 53, 1144-1152. | 1.5 | 113 |
| 14 | Fenofibrate Effect on Triglyceride and Postprandial Response of Apolipoprotein A5 Variants. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 1417-1425. | 1.1 | 113 |
| 15 | A High Intake of Saturated Fatty Acids Strengthens the Association between the Fat Mass and Obesity-Associated Gene and BMI. <i>Journal of Nutrition</i> , 2011, 141, 2219-2225. | 1.3 | 111 |
| 16 | Dietary Intake of n-6 Fatty Acids Modulates Effect of Apolipoprotein A5 Gene on Plasma Fasting Triglycerides, Remnant Lipoprotein Concentrations, and Lipoprotein Particle Size. <i>Circulation</i> , 2006, 113, 2062-2070. | 1.6 | 107 |
| 17 | Lifespan modification by glucose and methionine in <i>Drosophila melanogaster</i> fed a chemically defined diet. <i>Age</i> , 2007, 29, 29-39. | 3.0 | 105 |
| 18 | Curcumin-supplemented diets increase superoxide dismutase activity and mean lifespan in <i>Drosophila</i> . <i>Age</i> , 2013, 35, 1133-1142. | 3.0 | 104 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | APOA5 gene variation modulates the effects of dietary fat intake on body mass index and obesity risk in the Framingham Heart Study. <i>Journal of Molecular Medicine</i> , 2007, 85, 119-128. | 1.7 | 98 |
| 20 | Population admixture associated with disease prevalence in the Boston Puerto Rican health study. <i>Human Genetics</i> , 2009, 125, 199-209. | 1.8 | 94 |
| 21 | Curcumin and aging. <i>BioFactors</i> , 2013, 39, 133-140. | 2.6 | 94 |
| 22 | Drosophila lacks C20 and C22 PUFAs. <i>Journal of Lipid Research</i> , 2010, 51, 2985-2992. | 2.0 | 85 |
| 23 | Genetic variants in human CLOCK associate with total energy intake and cytokine sleep factors in overweight subjects (GOLDN population). <i>European Journal of Human Genetics</i> , 2010, 18, 364-369. | 1.4 | 81 |
| 24 | <i>ADIPOQ</i> Polymorphisms, Monounsaturated Fatty Acids, and Obesity Risk: The GOLDN Study. <i>Obesity</i> , 2009, 17, 510-517. | 1.5 | 80 |
| 25 | A genome-wide survey for SNPs altering microRNA seed sites identifies functional candidates in GWAS. <i>BMC Genomics</i> , 2011, 12, 504. | 1.2 | 78 |
| 26 | <i>PPARGC1A</i> Variation Associated With DNA Damage, Diabetes, and Cardiovascular Diseases. <i>Diabetes</i> , 2008, 57, 809-816. | 0.3 | 69 |
| 27 | Consumption of meat is associated with higher fasting glucose and insulin concentrations regardless of glucose and insulin genetic risk scores: a meta-analysis of 50,345 Caucasians. <i>American Journal of Clinical Nutrition</i> , 2015, 102, 1266-1278. | 2.2 | 69 |
| 28 | Status of Vitamins B-12 and B-6 but Not of Folate, Homocysteine, and the Methylenetetrahydrofolate Reductase C677T Polymorphism Are Associated with Impaired Cognition and Depression in Adults. <i>Journal of Nutrition</i> , 2012, 142, 1554-1560. | 1.3 | 67 |
| 29 | Gain-of-Function Lipoprotein Lipase Variant rs13702 Modulates Lipid Traits through Disruption of a MicroRNA-410 Seed Site. <i>American Journal of Human Genetics</i> , 2013, 92, 5-14. | 2.6 | 67 |
| 30 | Variants at the APOA5 locus, association with carotid atherosclerosis, and modification by obesity: the Framingham Study. <i>Journal of Lipid Research</i> , 2006, 47, 990-996. | 2.0 | 63 |
| 31 | Linkage disequilibrium mapping of molecular polymorphisms at the scabrous locus associated with naturally occurring variation in bristle number in <i>Drosophila melanogaster</i> . <i>Genetical Research</i> , 1999, 74, 303-311. | 0.3 | 61 |
| 32 | Candidate genes affecting <i>Drosophila</i> life span identified by integrating microarray gene expression analysis and QTL mapping. <i>Mechanisms of Ageing and Development</i> , 2007, 128, 237-249. | 2.2 | 61 |
| 33 | Saturated Fat Intake Modulates the Association between an Obesity Genetic Risk Score and Body Mass Index in Two US Populations. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2014, 114, 1954-1966. | 0.4 | 60 |
| 34 | Global Gene Expression Analysis of the Living Human Fetus Using Cell-Free Messenger RNA in Amniotic Fluid. <i>JAMA - Journal of the American Medical Association</i> , 2005, 293, 836. | 3.8 | 59 |
| 35 | Interleukin1 β Genetic Polymorphisms Interact with Polyunsaturated Fatty Acids to Modulate Risk of the Metabolic Syndrome, 3. <i>Journal of Nutrition</i> , 2007, 137, 1846-1851. | 1.3 | 59 |
| 36 | <i>CRY1</i> circadian gene variant interacts with carbohydrate intake for insulin resistance in two independent populations: Mediterranean and North American. <i>Chronobiology International</i> , 2014, 31, 660-667. | 0.9 | 56 |

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|----|--|-----|-----------|
| 37 | A Database of Gene-Environment Interactions Pertaining to Blood Lipid Traits, Cardiovascular Disease and Type 2 Diabetes. <i>Journal of Data Mining in Genomics & Proteomics</i> , 2011, 02, . | 0.5 | 56 |
| 38 | A genome-wide association study of inflammatory biomarker changes in response to fenofibrate treatment in the Genetics of Lipid Lowering Drug and Diet Network. <i>Pharmacogenetics and Genomics</i> , 2012, 22, 191-197. | 0.7 | 55 |
| 39 | Quantifying Diet for Nutrigenomic Studies. <i>Annual Review of Nutrition</i> , 2013, 33, 349-371. | 4.3 | 55 |
| 40 | Supplementation with Major Royal-Jelly Proteins Increases Lifespan, Feeding, and Fecundity in <i>Drosophila</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 5803-5812. | 2.4 | 55 |
| 41 | CardioGxE, a catalog of gene-environment interactions for cardiometabolic traits. <i>BioData Mining</i> , 2014, 7, 21. | 2.2 | 54 |
| 42 | Epigenomics and metabolomics reveal the mechanism of the APOA2-saturated fat intake interaction affecting obesity. <i>American Journal of Clinical Nutrition</i> , 2018, 108, 188-200. | 2.2 | 54 |
| 43 | Gene expression analysis in pregnant women and their infants identifies unique fetal biomarkers that circulate in maternal blood. <i>Journal of Clinical Investigation</i> , 2007, 117, 3007-3019. | 3.9 | 53 |
| 44 | Association between glucokinase regulatory protein (GCKR) and apolipoprotein A5 (APOA5) gene polymorphisms and triacylglycerol concentrations in fasting, postprandial, and fenofibrate-treated states. <i>American Journal of Clinical Nutrition</i> , 2009, 89, 391-399. | 2.2 | 52 |
| 45 | The PLIN4 Variant rs8887 Modulates Obesity Related Phenotypes in Humans through Creation of a Novel miR-522 Seed Site. <i>PLoS ONE</i> , 2011, 6, e17944. | 1.1 | 51 |
| 46 | Modulation of gene expression by α -tocopherol and α -tocopheryl phosphate in THP-1 monocytes. <i>Free Radical Biology and Medicine</i> , 2010, 49, 1989-2000. | 1.3 | 48 |
| 47 | Carbohydrate and fat intake associated with risk of metabolic diseases through epigenetics of CPT1A. <i>American Journal of Clinical Nutrition</i> , 2020, 112, 1200-1211. | 2.2 | 48 |
| 48 | Polyunsaturated Fatty Acids Modulate the Effect of TCF7L2 Gene Variants on Postprandial Lipemia. <i>Journal of Nutrition</i> , 2009, 139, 439-446. | 1.3 | 45 |
| 49 | Disparities in allele frequencies and population differentiation for 101 disease-associated single nucleotide polymorphisms between Puerto Ricans and non-Hispanic whites. <i>BMC Genetics</i> , 2009, 10, 45. | 2.7 | 45 |
| 50 | Pharmacogenetic association of the APOA1/C3/A4/A5 gene cluster and lipid responses to fenofibrate: the Genetics of Lipid-Lowering Drugs and Diet Network study. <i>Pharmacogenetics and Genomics</i> , 2009, 19, 161-169. | 0.7 | 45 |
| 51 | Association of Common C-Reactive Protein (CRP) Gene Polymorphisms With Baseline Plasma CRP Levels and Fenofibrate Response. <i>Diabetes Care</i> , 2008, 31, 910-915. | 4.3 | 44 |
| 52 | Mechanism of Action of Recombinant Acc-Royalisin from Royal Jelly of Asian Honeybee against Gram-Positive Bacteria. <i>PLoS ONE</i> , 2012, 7, e47194. | 1.1 | 44 |
| 53 | Dietary epicatechin improves survival and delays skeletal muscle degeneration in aged mice. <i>FASEB Journal</i> , 2019, 33, 965-977. | 0.2 | 44 |
| 54 | Speed-mapping quantitative trait loci using microarrays. <i>Nature Methods</i> , 2007, 4, 839-841. | 9.0 | 41 |

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|----|--|-----|-----------|
| 55 | The effects of omega-3 polyunsaturated fatty acids and genetic variants on methylation levels of the interleukin-6 gene promoter. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 410-419. | 1.5 | 41 |
| 56 | Association of Birth Weight With Type 2 Diabetes and Glycemic Traits. <i>JAMA Network Open</i> , 2019, 2, e1910915. | 2.8 | 41 |
| 57 | Genome-Wide Contribution of Genotype by Environment Interaction to Variation of Diabetes-Related Traits. <i>PLoS ONE</i> , 2013, 8, e77442. | 1.1 | 41 |
| 58 | Epigenome-wide association study of triglyceride postprandial responses to a high-fat dietary challenge. <i>Journal of Lipid Research</i> , 2016, 57, 2200-2207. | 2.0 | 40 |
| 59 | The effects of ABCG5/G8 polymorphisms on plasma HDL cholesterol concentrations depend on smoking habit in the Boston Puerto Rican Health Study. <i>Journal of Lipid Research</i> , 2009, 50, 565-573. | 2.0 | 39 |
| 60 | Variants of the CD36 gene and metabolic syndrome in Boston Puerto Rican adults. <i>Atherosclerosis</i> , 2010, 211, 210-215. | 0.4 | 39 |
| 61 | <i>WDR11</i> , the Ortholog of <i>Drosophila Adipose</i> Gene, Associates With Human Obesity, Modulated by MUFA Intake. <i>Obesity</i> , 2009, 17, 593-600. | 1.5 | 38 |
| 62 | The modulation of endothelial cell gene expression by green tea polyphenol EGCG. <i>Molecular Nutrition and Food Research</i> , 2008, 52, 1182-1192. | 1.5 | 36 |
| 63 | Apolipoprotein A1/C3/A5 haplotypes and serum lipid levels. <i>Lipids in Health and Disease</i> , 2011, 10, 140. | 1.2 | 36 |
| 64 | The Omega-3 Index Is Inversely Associated with Depressive Symptoms among Individuals with Elevated Oxidative Stress Biomarkers. <i>Journal of Nutrition</i> , 2016, 146, 758-766. | 1.3 | 36 |
| 65 | Significance of Increasing n-3 PUFA Content in Pork on Human Health. <i>Critical Reviews in Food Science and Nutrition</i> , 2016, 56, 858-870. | 5.4 | 36 |
| 66 | Association between <i>BDNF</i> rs6265 and Obesity in the Boston Puerto Rican Health Study. <i>Journal of Obesity</i> , 2012, 2012, 1-8. | 1.1 | 35 |
| 67 | Genetic Analysis of 16 NMR-Lipoprotein Fractions in Humans, the GOLDN Study. <i>Lipids</i> , 2013, 48, 155-165. | 0.7 | 34 |
| 68 | Genetic variants modify the effect of age on <i>APOE</i> methylation in the genetics of lipid lowering drugs and diet network study. <i>Aging Cell</i> , 2015, 14, 49-59. | 3.0 | 34 |
| 69 | Dairy Consumption and Body Mass Index Among Adults: Mendelian Randomization Analysis of 184802 Individuals from 25 Studies. <i>Clinical Chemistry</i> , 2018, 64, 183-191. | 1.5 | 34 |
| 70 | Physical inactivity interacts with an endothelial lipase polymorphism to modulate high density lipoprotein cholesterol in the GOLDN study. <i>Atherosclerosis</i> , 2009, 206, 500-504. | 0.4 | 33 |
| 71 | Genome-wide association study of triglyceride response to a high-fat meal among participants of the NHLBI Genetics of Lipid Lowering Drugs and Diet Network (GOLDN). <i>Metabolism: Clinical and Experimental</i> , 2015, 64, 1359-1371. | 1.5 | 33 |
| 72 | Transethnic Evaluation Identifies Low-Frequency Loci Associated With 25-Hydroxyvitamin D Concentrations. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 1380-1392. | 1.8 | 33 |

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|----|---|-----|-----------|
| 73 | The SCARB1 gene is associated with lipid response to dietary and pharmacological interventions. <i>Journal of Human Genetics</i> , 2008, 53, 709-717. | 1.1 | 32 |
| 74 | CD209a Expression on Dendritic Cells Is Critical for the Development of Pathogenic Th17 Cell Responses in Murine Schistosomiasis. <i>Journal of Immunology</i> , 2014, 192, 4655-4665. | 0.4 | 32 |
| 75 | Apolipoprotein B genetic variants modify the response to fenofibrate: a GOLDN study. <i>Journal of Lipid Research</i> , 2010, 51, 3316-3323. | 2.0 | 31 |
| 76 | Long-term consumption of a Mediterranean diet improves postprandial lipemia in patients with type 2 diabetes: the Cordioprev randomized trial. <i>American Journal of Clinical Nutrition</i> , 2018, 108, 963-970. | 2.2 | 31 |
| 77 | Perilipin Polymorphism Interacts with Dietary Carbohydrates to Modulate Anthropometric Traits in Hispanics of Caribbean Origin. <i>Journal of Nutrition</i> , 2008, 138, 1852-1858. | 1.3 | 30 |
| 78 | Clustering by Plasma Lipoprotein Profile Reveals Two Distinct Subgroups with Positive Lipid Response to Fenofibrate Therapy. <i>PLoS ONE</i> , 2012, 7, e38072. | 1.1 | 30 |
| 79 | Genetic variants associated with VLDL, LDL and HDL particle size differ with race/ethnicity. <i>Human Genetics</i> , 2013, 132, 405-413. | 1.8 | 30 |
| 80 | Effect of Major Royal Jelly Proteins on Spatial Memory in Aged Rats: Metabolomics Analysis in Urine. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 3151-3159. | 2.4 | 30 |
| 81 | Perilipin polymorphism interacts with saturated fat and carbohydrates to modulate insulin resistance. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2012, 22, 449-455. | 1.1 | 29 |
| 82 | Methylenetetrahydrofolate Reductase Variants Associated with Hypertension and Cardiovascular Disease Interact with Dietary Polyunsaturated Fatty Acids to Modulate Plasma Homocysteine in Puerto Rican Adults. <i>Journal of Nutrition</i> , 2011, 141, 654-659. | 1.3 | 27 |
| 83 | Apolipoprotein A2 Polymorphism Interacts with Intakes of Dairy Foods to Influence Body Weight in 2 U.S. Populations. <i>Journal of Nutrition</i> , 2013, 143, 1865-1871. | 1.3 | 27 |
| 84 | Novel variants at KCTD10, MVK, and MMAB genes interact with dietary carbohydrates to modulate HDL-cholesterol concentrations in the Genetics of Lipid Lowering Drugs and Diet Network Study. <i>American Journal of Clinical Nutrition</i> , 2009, 90, 686-694. | 2.2 | 25 |
| 85 | ADAM17_i33708A > G polymorphism interacts with dietary n-6 polyunsaturated fatty acids to modulate obesity risk in the Genetics of Lipid Lowering Drugs and Diet Network study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2010, 20, 698-705. | 1.1 | 25 |
| 86 | Modulation by Dietary Fat and Carbohydrate of <i>IRS1</i> Association With Type 2 Diabetes Traits in Two Populations of Different Ancestries. <i>Diabetes Care</i> , 2013, 36, 2621-2627. | 4.3 | 25 |
| 87 | A critical role for the <i>Drosophila</i> dopamine D1-like receptor Dop1R2 at the onset of metamorphosis. <i>BMC Developmental Biology</i> , 2016, 16, 15. | 2.1 | 25 |
| 88 | MAT1A variants are associated with hypertension, stroke, and markers of DNA damage and are modulated by plasma vitamin B-6 and folate. <i>American Journal of Clinical Nutrition</i> , 2010, 91, 1377-1386. | 2.2 | 24 |
| 89 | Interaction of methylation-related genetic variants with circulating fatty acids on plasma lipids: a meta-analysis of 7 studies and methylation analysis of 3 studies in the Cohorts for Heart and Aging Research in Genomic Epidemiology consortium. <i>American Journal of Clinical Nutrition</i> , 2016, 103, 567-578. | 2.2 | 24 |
| 90 | Dietary Epicatechin, A Novel Anti-aging Bioactive Small Molecule. <i>Current Medicinal Chemistry</i> , 2020, 28, 3-18. | 1.2 | 24 |

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|-----|---|-----|-----------|
| 91 | Genome-wide linkage analyses and candidate gene fine mapping for HDL3 cholesterol: the Framingham Study. <i>Journal of Lipid Research</i> , 2005, 46, 1416-1425. | 2.0 | 23 |
| 92 | The Effect of CYP7A1 Polymorphisms on Lipid Responses to Fenofibrate. <i>Journal of Cardiovascular Pharmacology</i> , 2012, 59, 254-259. | 0.8 | 23 |
| 93 | Functional SNPs are enriched for schizophrenia association signals. <i>Molecular Psychiatry</i> , 2014, 19, 276-277. | 4.1 | 23 |
| 94 | The effect of IL6-174C/G polymorphism on postprandial triglyceride metabolism in the GOLDN study*. <i>Journal of Lipid Research</i> , 2008, 49, 1839-1845. | 2.0 | 22 |
| 95 | Expression of Recombinant AccMRJP1 Protein from Royal Jelly of Chinese Honeybee in <i>Pichia pastoris</i> and Its Proliferation Activity in an Insect Cell Line. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 9190-9197. | 2.4 | 22 |
| 96 | Association of apolipoprotein A5 gene polymorphisms and serum lipid levels. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2011, 21, 947-956. | 1.1 | 21 |
| 97 | Associations between Genetic Polymorphisms of Insulin-like Growth Factor Axis Genes and Risk for Age-Related Macular Degeneration. , 2011, 52, 9099. | | 21 |
| 98 | Replication of a Gene-Diet Interaction at CD36, NOS3 and PPARC in Response to Omega-3 Fatty Acid Supplements on Blood Lipids: A Double-Blind Randomized Controlled Trial. <i>EBioMedicine</i> , 2018, 31, 150-156. | 2.7 | 21 |
| 99 | Curcumin supplementation increases survival and lifespan in <i>Drosophila</i> under heat stress conditions. <i>BioFactors</i> , 2018, 44, 577-587. | 2.6 | 21 |
| 100 | Using Machine Learning to Predict Obesity Based on Genome-Wide and Epigenome-Wide Gene-Diet Interactions. <i>Frontiers in Genetics</i> , 2021, 12, 783845. | 1.1 | 21 |
| 101 | Clock Genes Explain a Large Proportion of Phenotypic Variance in Systolic Blood Pressure and This Control Is Not Modified by Environmental Temperature. <i>American Journal of Hypertension</i> , 2016, 29, 132-140. | 1.0 | 20 |
| 102 | Anti-senescence effect and molecular mechanism of the major royal jelly proteins on human embryonic lung fibroblast (HFL-I) cell line. <i>Journal of Zhejiang University: Science B</i> , 2018, 19, 960-972. | 1.3 | 20 |
| 103 | Genetic Variants at the PDZ-Interacting Domain of the Scavenger Receptor Class B Type I Interact with Diet to Influence the Risk of Metabolic Syndrome in Obese Men and Women. <i>Journal of Nutrition</i> , 2009, 139, 842-848. | 1.3 | 19 |
| 104 | Circulating 25-Hydroxyvitamin D, IRS1 Variant rs2943641, and Insulin Resistance: Replication of a Nutrient Interaction in 4 Populations of Different Ancestries. <i>Clinical Chemistry</i> , 2014, 60, 186-196. | 1.5 | 19 |
| 105 | Dihydrofolate reductase 19-bp deletion polymorphism modifies the association of folate status with memory in a cross-sectional multi-ethnic study of adults. <i>American Journal of Clinical Nutrition</i> , 2015, 102, 1279-1288. | 2.2 | 19 |
| 106 | Sex Differences in Blood HDL, the Total Cholesterol/HDL Ratio, and Palmitoleic Acid are Not Associated with Variants in Common Candidate Genes. <i>Lipids</i> , 2017, 52, 969-980. | 0.7 | 19 |
| 107 | Associations of the MCM6-rs3754686 proxy for milk intake in Mediterranean and American populations with cardiovascular biomarkers, disease and mortality: Mendelian randomization. <i>Scientific Reports</i> , 2016, 6, 33188. | 1.6 | 18 |
| 108 | Curcumin supplementation improves heat-stress-induced cardiac injury of mice: physiological and molecular mechanisms. <i>Journal of Nutritional Biochemistry</i> , 2020, 78, 108331. | 1.9 | 18 |

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|-----|--|-----|-----------|
| 109 | Investigation of diets associated with dilated cardiomyopathy in dogs using foodomics analysis. <i>Scientific Reports</i> , 2021, 11, 15881. | 1.6 | 18 |
| 110 | Apolipoprotein C3 Polymorphisms, Cognitive Function and Diabetes in Caribbean Origin Hispanics. <i>PLoS ONE</i> , 2009, 4, e5465. | 1.1 | 18 |
| 111 | Mapping and characterization of <i>P</i> -element-induced mutations at quantitative trait loci in <i>Drosophila melanogaster</i> . <i>Genetical Research</i> , 1993, 61, 177-193. | 0.3 | 17 |
| 112 | MAT1A variants modulate the effect of dietary fatty acids on plasma homocysteine concentrations. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2012, 22, 362-368. | 1.1 | 17 |
| 113 | Genetic Variants at PSMD3 Interact with Dietary Fat and Carbohydrate to Modulate Insulin Resistance. <i>Journal of Nutrition</i> , 2013, 143, 354-361. | 1.3 | 17 |
| 114 | Apolipoprotein A5 and Lipoprotein Lipase Interact to Modulate Anthropometric Measures in Hispanics of Caribbean Origin. <i>Obesity</i> , 2010, 18, 327-332. | 1.5 | 15 |
| 115 | Urinary 8-Hydroxy-2-deoxyguanosine and Cognitive Function in Puerto Rican Adults. <i>American Journal of Epidemiology</i> , 2010, 172, 271-278. | 1.6 | 15 |
| 116 | Interactions between genetic variants of folate metabolism genes and lifestyle affect plasma homocysteine concentrations in the Boston Puerto Rican population. <i>Public Health Nutrition</i> , 2011, 14, 1805-1812. | 1.1 | 15 |
| 117 | Genome-wide association study indicates variants associated with insulin signaling and inflammation mediate lipoprotein responses to fenofibrate. <i>Pharmacogenetics and Genomics</i> , 2012, 22, 750-757. | 0.7 | 15 |
| 118 | Effect of a GFOD2 variant on responses in total and LDL cholesterol in Mexican subjects with hypercholesterolemia after soy protein and soluble fiber supplementation. <i>Gene</i> , 2013, 532, 211-215. | 1.0 | 15 |
| 119 | Major royal jelly proteins accelerate onset of puberty and promote ovarian follicular development in immature female mice. <i>Food Science and Human Wellness</i> , 2020, 9, 338-345. | 2.2 | 15 |
| 120 | Gene variations of nitric oxide synthase regulate the effects of a saturated fat rich meal on endothelial function. <i>Clinical Nutrition</i> , 2011, 30, 234-238. | 2.3 | 14 |
| 121 | Adaptive genetic variation and heart disease risk. <i>Current Opinion in Lipidology</i> , 2010, 21, 116-122. | 1.2 | 13 |
| 122 | The effects of ABCG5/G8 polymorphisms on HDL-cholesterol concentrations depend on ABCA1 genetic variants in the Boston Puerto Rican Health Study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2010, 20, 558-566. | 1.1 | 13 |
| 123 | Dietary modulators of statin efficacy in cardiovascular disease and cognition. <i>Molecular Aspects of Medicine</i> , 2014, 38, 1-53. | 2.7 | 13 |
| 124 | A composite scoring of genotypes discriminates coronary heart disease risk beyond conventional risk factors in the Boston Puerto Rican Health Study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2010, 20, 157-164. | 1.1 | 12 |
| 125 | Genomic response to selection for postponed senescence in <i>Drosophila</i> . <i>Mechanisms of Ageing and Development</i> , 2013, 134, 79-88. | 2.2 | 12 |
| 126 | Mediterranean Diet Adherence Modulates Anthropometric Measures by TCF7L2 Genotypes among Puerto Rican Adults. <i>Journal of Nutrition</i> , 2020, 150, 167-175. | 1.3 | 12 |

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|-----|--|-----|-----------|
| 127 | Statin Use Associates With Risk of Type 2 Diabetes via Epigenetic Patterns at ABCG1. <i>Frontiers in Genetics</i> , 2020, 11, 622. | 1.1 | 12 |
| 128 | Diet-derived fruit and vegetable metabolites show sex-specific inverse relationships to osteoporosis status. <i>Bone</i> , 2021, 144, 115780. | 1.4 | 12 |
| 129 | Interaction of an S100A9 gene variant with saturated fat and carbohydrates to modulate insulin resistance in 3 populations of different ancestries ¹⁻³ . <i>American Journal of Clinical Nutrition</i> , 2016, 104, 508-517. | 2.2 | 11 |
| 130 | Metabolomic Links between Sugar-Sweetened Beverage Intake and Obesity. <i>Journal of Obesity</i> , 2020, 2020, 1-10. | 1.1 | 11 |
| 131 | Insulin receptor substrate 1 (IRS1) variants confer risk of diabetes in the Boston Puerto Rican Health Study. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2013, 22, 150-9. | 0.3 | 11 |
| 132 | Polyunsaturated Fatty Acids Modulate the Association between PIK3CA-KCNMB3 Genetic Variants and Insulin Resistance. <i>PLoS ONE</i> , 2013, 8, e67394. | 1.1 | 10 |
| 133 | Genome-wide association studies identified novel loci for non-high-density lipoprotein cholesterol and its postprandial lipemic response. <i>Human Genetics</i> , 2014, 133, 919-930. | 1.8 | 10 |
| 134 | Lipoprotein lipase variants interact with polyunsaturated fatty acids for obesity traits in women: Replication in two populations. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2014, 24, 1323-1329. | 1.1 | 10 |
| 135 | The Folate Hydrolase 1561C>T Polymorphism Is Associated With Depressive Symptoms in Puerto Rican Adults. <i>Psychosomatic Medicine</i> , 2011, 73, 385-392. | 1.3 | 9 |
| 136 | Genome-Wide Interactions with Dairy Intake for Body Mass Index in Adults of European Descent. <i>Molecular Nutrition and Food Research</i> , 2018, 62, 1700347. | 1.5 | 9 |
| 137 | A Genome-Wide Association Study Identifies Blood Disorder-Related Variants Influencing Hemoglobin A1c With Implications for Glycemic Status in U.S. Hispanics/Latinos. <i>Diabetes Care</i> , 2019, 42, 1784-1791. | 4.3 | 9 |
| 138 | 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> , 2020, 35, 685-697. | 2.5 | 9 |
| 139 | Adaptive Genetic Variation and Population Differences. <i>Progress in Molecular Biology and Translational Science</i> , 2012, 108, 461-489. | 0.9 | 8 |
| 140 | Environmental and epigenetic regulation of postprandial lipemia. <i>Current Opinion in Lipidology</i> , 2018, 29, 30-35. | 1.2 | 8 |
| 141 | The effect of a novel intergenic polymorphism (rs11774572) on HDL-cholesterol concentrations depends on TaqIB polymorphism in the cholesterol ester transfer protein gene. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2010, 20, 34-40. | 1.1 | 7 |
| 142 | Low-density lipoprotein receptor-related protein 1 variant interacts with saturated fatty acids in puerto ricans. <i>Obesity</i> , 2013, 21, 602-608. | 1.5 | 7 |
| 143 | Genetic admixture and body composition in Puerto Rican adults from the Boston Puerto Rican Osteoporosis Study. <i>Journal of Bone and Mineral Metabolism</i> , 2017, 35, 448-455. | 1.3 | 7 |
| 144 | Supplementation with turmeric residue increased survival of the Chinese soft-shelled turtle (<i>Pelodiscus sinensis</i>) under high ambient temperatures. <i>Journal of Zhejiang University: Science B</i> , 2018, 19, 245-252. | 1.3 | 7 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 145 | Salivary AMY1 Copy Number Variation Modifies Age-Related Type 2 Diabetes Risk. <i>Clinical Chemistry</i> , 2020, 66, 718-726. | 1.5 | 7 |
| 146 | Diet Quality Scores Are Positively Associated with Whole Blood-Derived Mitochondrial DNA Copy Number in the Framingham Heart Study. <i>Journal of Nutrition</i> , 2022, 152, 690-697. | 1.3 | 7 |
| 147 | Genome-wide interaction of genotype by erythrocyte n-3 fatty acids contributes to phenotypic variance of diabetes-related traits. <i>BMC Genomics</i> , 2014, 15, 781. | 1.2 | 6 |
| 148 | Associations of network-derived metabolite clusters with prevalent type 2 diabetes among adults of Puerto Rican descent. <i>BMJ Open Diabetes Research and Care</i> , 2021, 9, e002298. | 1.2 | 6 |
| 149 | The association between genetic variants of RUNX2, ADIPOQ and vertebral fracture in Korean postmenopausal women. <i>Journal of Bone and Mineral Metabolism</i> , 2015, 33, 173-179. | 1.3 | 5 |
| 150 | Weight gain prevention buffers the impact of CETP rs3764261 on high density lipoprotein cholesterol in young adulthood: The Study of Novel Approaches to Weight Gain Prevention (SNAP). <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2018, 28, 816-821. | 1.1 | 5 |
| 151 | Development of a Genetic Score to Predict an Increase in HDL Cholesterol Concentration After a Dietary Intervention in Adults with Metabolic Syndrome. <i>Journal of Nutrition</i> , 2019, 149, 1116-1121. | 1.3 | 5 |
| 152 | Detection of gene-environment interactions in a family-based population using SCAD. <i>Statistics in Medicine</i> , 2017, 36, 3547-3559. | 0.8 | 4 |
| 153 | Risk Factors Associated with Vitamin D Status among Older Puerto Rican Adults. <i>Journal of Nutrition</i> , 2021, 151, 999-1007. | 1.3 | 4 |
| 154 | A homologue of the 19kDa signal recognition particle protein locus in <i>Drosophila melanogaster</i> . <i>Gene</i> , 1997, 203, 59-63. | 1.0 | 3 |
| 155 | Metabolite patterns link diet, obesity, and type 2 diabetes in a Hispanic population. <i>Metabolomics</i> , 2021, 17, 88. | 1.4 | 3 |
| 156 | Genome-Wide Association Studies of Genetic Impact on Cardiovascular and Metabolic Diseases in Asians: Opportunity for Discovery. <i>Current Cardiovascular Risk Reports</i> , 2014, 8, 1. | 0.8 | 2 |
| 157 | Abstract 52: Plasma Metabolomic Signatures of the American Heart Association Diet Score: Findings From the Boston Puerto Rican Health Study. <i>Circulation</i> , 2020, 141, . | 1.6 | 2 |
| 158 | Genetic Risk Scores Associated with Baseline Lipoprotein Subfraction Concentrations Do Not Associate with Their Responses to Fenofibrate. <i>Biology</i> , 2014, 3, 536-550. | 1.3 | 1 |
| 159 | Functional Genomics Analysis of Big Data Identifies Novel Peroxisome Proliferator-Activated Receptor β Target Single Nucleotide Polymorphisms Showing Association With Cardiometabolic Outcomes. <i>Circulation: Cardiovascular Genetics</i> , 2015, 8, 842-851. | 5.1 | 1 |
| 160 | Haplotypes of CpG-related SNPs and associations with DNA methylation patterns. , 2016, , 193-207. | | 1 |
| 161 | Behavior related genes, dietary preferences and anthropometric traits. <i>FASEB Journal</i> , 2017, 31, . | 0.2 | 1 |
| 162 | Metabolomic Links Between Sweetened Beverage Intake and Obesity (OR31-05-19). <i>Current Developments in Nutrition</i> , 2019, 3, nzz037.OR31-05-19. | 0.1 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 163 | Major Royal Jelly Proteins Accelerate Onset of Puberty and Promote Ovarian Follicular Development in Immature Female Mice. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa055_030. | 0.1 | 0 |
| 164 | Genetic Mechanisms of Aging. , 2010, , 38-41. | | 0 |
| 165 | Oneâ€carbon Metabolism Related Bâ€vitamins Alter the Expression of microRNAs Associated with the Wnt Pathway in Mouse Colonic Epithelium. <i>FASEB Journal</i> , 2013, 27, . | 0.2 | 0 |
| 166 | Polyunsaturated fatty acids (PUFA) modulate association between PIK3CAâ€KCNMB3 variants and insulin resistance. <i>FASEB Journal</i> , 2013, 27, 640.3. | 0.2 | 0 |
| 167 | Genomeâ€wide contribution of genotype by environment interaction to blood lipid variation. <i>FASEB Journal</i> , 2013, 27, 222.4. | 0.2 | 0 |
| 168 | Lipoprotein lipase variants interact with polyunsaturated fatty acids to modulate obesity traits in Puerto Ricans (1037.7). <i>FASEB Journal</i> , 2014, 28, 1037.7. | 0.2 | 0 |
| 169 | Network Analysis Identifies NR4A2 with Geneâ€Environment Interactions Influencing Inflammation Biomarkers Modified by Fatty Acid Intake in Two Populations. <i>FASEB Journal</i> , 2015, 29, 750.4. | 0.2 | 0 |
| 170 | PNPLA3 Variants Are Associated with Obesity and Interact with Meat and Dairy Intake in Hispanic and Nonâ€Hispanic White Americans. <i>FASEB Journal</i> , 2015, 29, 750.8. | 0.2 | 0 |
| 171 | Modification of the Effect of Ultrafine Particulate Matter Exposure on Cardiovascular Disease by Genetic Factors Related to Oxidative Stress. <i>ISEE Conference Abstracts</i> , 2016, 2016, . | 0.0 | 0 |
| 172 | Sugarâ€Sweetened Beverage Intake as a Modulator of Genetic Associations for Chronic Inflammation Relevant to Cardiovascular Disease. <i>FASEB Journal</i> , 2017, 31, . | 0.2 | 0 |
| 173 | Abstract 17285: Metabolite-Derived Network Reveals Cluster of Acylcholine Metabolites Associated With Better Diet Quality and Lower Prevalence of Type 2 Diabetes: Findings From the Boston Puerto Rican Health Study. <i>Circulation</i> , 2020, 142, . | 1.6 | 0 |