

# Mary Furlan Feitosa

## List of Publications by Citations

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

200  
papers

34,158  
citations

70  
h-index

184  
g-index

223  
ext. papers

42,057  
ext. citations

12.6  
avg, IF

5.39  
L-index

| #   | Paper  | IF   | Citations |
|-----|--|------|-----------|
| 200 | Biological, clinical and population relevance of 95 loci for blood lipids. <i>Nature</i> , <b>2010</b> , 466, 707-13   | 50.4 | 2742      |
| 199 | Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , <b>2015</b> , 518, 197-206  | 50.4 | 2687      |
| 198 | Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. <i>Nature Genetics</i> , <b>2010</b> , 42, 937-48  | 36.3 | 2267      |
| 197 | Discovery and refinement of loci associated with lipid levels. <i>Nature Genetics</i> , <b>2013</b> , 45, 1274-1283  | 36.3 | 1904      |
| 196 | Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. <i>Nature</i> , <b>2011</b> , 478, 103-9  | 50.4 | 1564      |
| 195 | Hundreds of variants clustered in genomic loci and biological pathways affect human height. <i>Nature</i> , <b>2010</b> , 467, 832-8   | 50.4 | 1514      |
| 194 | Defining the role of common variation in the genomic and biological architecture of adult human height. <i>Nature Genetics</i> , <b>2014</b> , 46, 1173-86   | 36.3 | 1339      |
| 193 | A comprehensive 1,000 Genomes-based genome-wide association meta-analysis of coronary artery disease. <i>Nature Genetics</i> , <b>2015</b> , 47, 1121-1130   | 36.3 | 1290      |
| 192 | Gene discovery and polygenic prediction from a genome-wide association study of educational attainment in 1.1 million individuals. <i>Nature Genetics</i> , <b>2018</b> , 50, 1112-1121                | 36.3 | 950       |
| 191 | New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , <b>2015</b> , 518, 187-196   | 50.4 | 920       |
| 190 | Genome-wide association study identifies 74 loci associated with educational attainment. <i>Nature</i> , <b>2016</b> , 533, 539-42   | 50.4 | 850       |
| 189 | Meta-analysis identifies 13 new loci associated with waist-hip ratio and reveals sexual dimorphism in the genetic basis of fat distribution. <i>Nature Genetics</i> , <b>2010</b> , 42, 949-60         | 36.3 | 724       |
| 188 | Genome-wide association analysis identifies variants associated with nonalcoholic fatty liver disease that have distinct effects on metabolic traits. <i>PLoS Genetics</i> , <b>2011</b> , 7, e1001324 | 6    | 629       |
| 187 | New loci associated with kidney function and chronic kidney disease. <i>Nature Genetics</i> , <b>2010</b> , 42, 376-84   | 36.3 | 599       |
| 186 | Common variants associated with plasma triglycerides and risk for coronary artery disease. <i>Nature Genetics</i> , <b>2013</b> , 45, 1345-52  | 36.3 | 597       |
| 185 | Causal relationship between obesity and vitamin D status: bi-directional Mendelian randomization analysis of multiple cohorts. <i>PLoS Medicine</i> , <b>2013</b> , 10, e1001383                       | 11.6 | 592       |
| 184 | Genome-wide association analyses identify 18 new loci associated with serum urate concentrations. <i>Nature Genetics</i> , <b>2013</b> , 45, 145-54  | 36.3 | 505       |

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| 183 | Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. <i>Nature Genetics</i> , <b>2013</b> , 45, 501-12  | 36.3 | 437 |
| 182 | Genome-wide association study identifies loci influencing concentrations of liver enzymes in plasma. <i>Nature Genetics</i> , <b>2011</b> , 43, 1131-8   | 36.3 | 415 |
| 181 | Rare and low-frequency coding variants alter human adult height. <i>Nature</i> , <b>2017</b> , 542, 186-190  | 50.4 | 412 |
| 180 | Physical activity attenuates the influence of FTO variants on obesity risk: a meta-analysis of 218,166 adults and 19,268 children. <i>PLoS Medicine</i> , <b>2011</b> , 8, e1001116                                  | 11.6 | 379 |
| 179 | Genome-wide association study identifies six new loci influencing pulse pressure and mean arterial pressure. <i>Nature Genetics</i> , <b>2011</b> , 43, 1005-11  | 36.3 | 338 |
| 178 | Novel loci for adiponectin levels and their influence on type 2 diabetes and metabolic traits: a multi-ethnic meta-analysis of 45,891 individuals. <i>PLoS Genetics</i> , <b>2012</b> , 8, e1002607                  | 6    | 326 |
| 177 | Rare variant in scavenger receptor BI raises HDL cholesterol and increases risk of coronary heart disease. <i>Science</i> , <b>2016</b> , 351, 1166-71   | 33.3 | 325 |
| 176 | Exome-wide association study of plasma lipids in >300,000 individuals. <i>Nature Genetics</i> , <b>2017</b> , 49, 1758-1766  | 31.0 | 310 |
| 175 | FTO genotype is associated with phenotypic variability of body mass index. <i>Nature</i> , <b>2012</b> , 490, 267-72   | 50.4 | 304 |
| 174 | Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. <i>Nature Communications</i> , <b>2016</b> , 7, 10023   | 17.4 | 295 |
| 173 | Genome-wide association identifies nine common variants associated with fasting proinsulin levels and provides new insights into the pathophysiology of type 2 diabetes. <i>Diabetes</i> , <b>2011</b> , 60, 2624-34 | 0.9  | 285 |
| 172 | Sex-stratified genome-wide association studies including 270,000 individuals show sexual dimorphism in genetic loci for anthropometric traits. <i>PLoS Genetics</i> , <b>2013</b> , 9, e1003500                      | 6    | 277 |
| 171 | Genome-wide association analyses of risk tolerance and risky behaviors in over 1 million individuals identify hundreds of loci and shared genetic influences. <i>Nature Genetics</i> , <b>2019</b> , 51, 245-257     | 36.3 | 259 |
| 170 | Genetic variation near IRS1 associates with reduced adiposity and an impaired metabolic profile. <i>Nature Genetics</i> , <b>2011</b> , 43, 753-60   | 36.3 | 237 |
| 169 | Association of low-frequency and rare coding-sequence variants with blood lipids and coronary heart disease in 56,000 whites and blacks. <i>American Journal of Human Genetics</i> , <b>2014</b> , 94, 223-32        | 11   | 233 |
| 168 | The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. <i>PLoS Genetics</i> , <b>2015</b> , 11, e1005378                                  | 6    | 220 |
| 167 | Identification of heart rate-associated loci and their effects on cardiac conduction and rhythm disorders. <i>Nature Genetics</i> , <b>2013</b> , 45, 621-31   | 36.3 | 219 |
| 166 | A catalog of genetic loci associated with kidney function from analyses of a million individuals. <i>Nature Genetics</i> , <b>2019</b> , 51, 957-972   | 36.3 | 217 |

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| 165 | Genome-wide association study for coronary artery calcification with follow-up in myocardial infarction. <i>Circulation</i> , <b>2011</b> , 124, 2855-64  | 16.7 | 213 |
| 164 | NRXN3 is a novel locus for waist circumference: a genome-wide association study from the CHARGE Consortium. <i>PLoS Genetics</i> , <b>2009</b> , 5, e1000539  | 6    | 203 |
| 163 | Meta-analysis identifies multiple loci associated with kidney function-related traits in east Asian populations. <i>Nature Genetics</i> , <b>2012</b> , 44, 904-9   | 36.3 | 201 |
| 162 | Genome-wide association for abdominal subcutaneous and visceral adipose reveals a novel locus for visceral fat in women. <i>PLoS Genetics</i> , <b>2012</b> , 8, e1002695   | 6    | 199 |
| 161 | A bivariate genome-wide approach to metabolic syndrome: STAMPEED consortium. <i>Diabetes</i> , <b>2011</b> , 60, 1329-39  | 0.9  | 194 |
| 160 | A meta-analysis identifies new loci associated with body mass index in individuals of African ancestry. <i>Nature Genetics</i> , <b>2013</b> , 45, 690-6  | 36.3 | 192 |
| 159 | Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. <i>Nature Genetics</i> , <b>2018</b> , 50, 26-41  | 36.3 | 186 |
| 158 | New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. <i>Nature Communications</i> , <b>2016</b> , 7, 10495  | 17.4 | 180 |
| 157 | Whole-exome sequencing identifies rare and low-frequency coding variants associated with LDL cholesterol. <i>American Journal of Human Genetics</i> , <b>2014</b> , 94, 233-45  | 11   | 170 |
| 156 | CUBN is a gene locus for albuminuria. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2011</b> , 22, 555-607  | 17.7 | 170 |
| 155 | Genome-wide meta-analysis of observational studies shows common genetic variants associated with macronutrient intake. <i>American Journal of Clinical Nutrition</i> , <b>2013</b> , 97, 1395-402                             | 7    | 161 |
| 154 | Genome Analyses of >200,000 Individuals Identify 58 Loci for Chronic Inflammation and Highlight Pathways that Link Inflammation and Complex Disorders. <i>American Journal of Human Genetics</i> , <b>2018</b> , 103, 691-706 | 11   | 151 |
| 153 | Genome-wide association and functional follow-up reveals new loci for kidney function. <i>PLoS Genetics</i> , <b>2012</b> , 8, e1002584   | 6    | 143 |
| 152 | Quantitative-trait loci influencing body-mass index reside on chromosomes 7 and 13: the National Heart, Lung, and Blood Institute Family Heart Study. <i>American Journal of Human Genetics</i> , <b>2002</b> , 70, 72-82     | 11   | 128 |
| 151 | Meta-analysis of genome-wide linkage studies in BMI and obesity. <i>Obesity</i> , <b>2007</b> , 15, 2263-75   | 8    | 122 |
| 150 | Mannan-binding lectin enhances susceptibility to visceral leishmaniasis. <i>Infection and Immunity</i> , <b>2001</b> , 69, 5212-5   | 3.7  | 120 |
| 149 | Directional dominance on stature and cognition in diverse human populations. <i>Nature</i> , <b>2015</b> , 523, 459-462   | 60.4 | 119 |
| 148 | Interactions of dietary whole-grain intake with fasting glucose- and insulin-related genetic loci in individuals of European descent: a meta-analysis of 14 cohort studies. <i>Diabetes Care</i> , <b>2010</b> , 33, 2684-91  | 14.6 | 112 |

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| 147 | Genome-wide meta-analysis uncovers novel loci influencing circulating leptin levels. <i>Nature Communications</i> , <b>2016</b> , 7, 10494   | 17.4 | 107 |
| 146 | Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. <i>Nature Communications</i> , <b>2017</b> , 8, 14977   | 17.4 | 105 |
| 145 | Genome-wide physical activity interactions in adiposity - A meta-analysis of 200,452 adults. <i>PLoS Genetics</i> , <b>2017</b> , 13, e1006528   | 6    | 103 |
| 144 | Characterization of European ancestry nonalcoholic fatty liver disease-associated variants in individuals of African and Hispanic descent. <i>Hepatology</i> , <b>2013</b> , 58, 966-75                              | 11.2 | 91  |
| 143 | Genetic variants linked to education predict longevity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 13366-13371                                      | 11.5 | 90  |
| 142 | Large meta-analysis of genome-wide association studies identifies five loci for lean body mass. <i>Nature Communications</i> , <b>2017</b> , 8, 80   | 17.4 | 88  |
| 141 | Association of the PHACTR1/EDN1 Genetic Locus With Spontaneous Coronary Artery Dissection. <i>Journal of the American College of Cardiology</i> , <b>2019</b> , 73, 58-66  | 15.1 | 86  |
| 140 | Association between chromosome 9p21 variants and the ankle-brachial index identified by a meta-analysis of 21 genome-wide association studies. <i>Circulation: Cardiovascular Genetics</i> , <b>2012</b> , 5, 100-12 |      | 84  |
| 139 | Pleiotropic genes for metabolic syndrome and inflammation. <i>Molecular Genetics and Metabolism</i> , <b>2014</b> , 112, 317-38  | 3.7  | 81  |
| 138 | Multiethnic genome-wide meta-analysis of ectopic fat depots identifies loci associated with adipocyte development and differentiation. <i>Nature Genetics</i> , <b>2017</b> , 49, 125-130                            | 36.3 | 80  |
| 137 | Interactions Between Genes From Aging Pathways Significantly Influence Risk of Alzheimer's Disease. <i>Innovation in Aging</i> , <b>2020</b> , 4, 142-143  | 0.1  | 78  |
| 136 | Role of Genetic Interactions in Alzheimer's Disease: Lessons from Long Life Family Study (LLFS). <i>Innovation in Aging</i> , <b>2020</b> , 4, 491-491   | 0.1  | 78  |
| 135 | Association of Brain Natriuretic Peptide With Mortality in Exceptionally Long-Lived Families. <i>Innovation in Aging</i> , <b>2020</b> , 4, 211-211  | 0.1  | 78  |
| 134 | Physical Robustness and Resilience Among Long-Lived Female Siblings: A Comparison With Sporadic Long-Livers. <i>Innovation in Aging</i> , <b>2020</b> , 4, 526-526   | 0.1  | 78  |
| 133 | Long Life Family Study Shows Reduced Coronary Artery Disease Despite High Polygenic Hazard Scores. <i>Innovation in Aging</i> , <b>2020</b> , 4, 212-212   | 0.1  | 78  |
| 132 | ASSESSING THE RELATIONSHIP BETWEEN SERUM IGF-1 AND ADIPOSITY BY AGE IN THE LONG LIFE FAMILY STUDY. <i>Innovation in Aging</i> , <b>2019</b> , 3, S257-S257   | 0.1  | 78  |
| 131 | PERCEIVED PHYSICAL FATIGABILITY PREDICTS ALL-CAUSE MORTALITY: THE LONG LIFE FAMILY STUDY. <i>Innovation in Aging</i> , <b>2019</b> , 3, S895-S895  | 0.1  | 78  |
| 130 | 1000 Genomes-based meta-analysis identifies 10 novel loci for kidney function. <i>Scientific Reports</i> , <b>2017</b> , 7, 45040  | 4.9  | 70  |

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| 129 | Genetic variation at NCAN locus is associated with inflammation and fibrosis in non-alcoholic fatty liver disease in morbid obesity. <i>Human Heredity</i> , <b>2013</b> , 75, 34-43   | 1.1  | 66 |
| 128 | Dairy consumption, systolic blood pressure, and risk of hypertension: Mendelian randomization study. <i>BMJ, The</i> , <b>2017</b> , 356, j1000  | 5.9  | 63 |
| 127 | Discovery and fine-mapping of adiposity loci using high density imputation of genome-wide association studies in individuals of African ancestry: African Ancestry Anthropometry Genetics Consortium. <i>PLoS Genetics</i> , <b>2017</b> , 13, e1006719          | 6    | 60 |
| 126 | Multi-ancestry genome-wide gene-smoking interaction study of 387,272 individuals identifies new loci associated with serum lipids. <i>Nature Genetics</i> , <b>2019</b> , 51, 636-648  | 36.3 | 59 |
| 125 | A Large-Scale Multi-ancestry Genome-wide Study Accounting for Smoking Behavior Identifies Multiple Significant Loci for Blood Pressure. <i>American Journal of Human Genetics</i> , <b>2018</b> , 102, 375-400   | 11   | 59 |
| 124 | Discovery and fine mapping of serum protein loci through transethnic meta-analysis. <i>American Journal of Human Genetics</i> , <b>2012</b> , 91, 744-53   | 11   | 58 |
| 123 | Mining the human phenome using allelic scores that index biological intermediates. <i>PLoS Genetics</i> , <b>2013</b> , 9, e1003919  | 6    | 58 |
| 122 | Leptin is associated with blood pressure and hypertension in women from the National Heart, Lung, and Blood Institute Family Heart Study. <i>Hypertension</i> , <b>2009</b> , 53, 473-9  | 8.5  | 55 |
| 121 | Integration of genome-wide association studies with biological knowledge identifies six novel genes related to kidney function. <i>Human Molecular Genetics</i> , <b>2012</b> , 21, 5329-43  | 5.6  | 54 |
| 120 | Associations of Mitochondrial and Nuclear Mitochondrial Variants and Genes with Seven Metabolic Traits. <i>American Journal of Human Genetics</i> , <b>2019</b> , 104, 112-138   | 11   | 54 |
| 119 | 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> , <b>2015</b> , 102, 1266-78 | 7    | 51 |
| 118 | Genome wide association and linkage analyses identified three loci-4q25, 17q23.2, and 10q11.21-associated with variation in leukocyte telomere length: the Long Life Family Study. <i>Frontiers in Genetics</i> , <b>2013</b> , 4, 310                           | 4.5  | 51 |
| 117 | Mother's genome or maternally-inherited genes acting in the fetus influence gestational age in familial preterm birth. <i>Human Heredity</i> , <b>2009</b> , 68, 209-19  | 1.1  | 50 |
| 116 | Meta-analysis of gene-level associations for rare variants based on single-variant statistics. <i>American Journal of Human Genetics</i> , <b>2013</b> , 93, 236-48  | 11   | 49 |
| 115 | A principal component meta-analysis on multiple anthropometric traits identifies novel loci for body shape. <i>Nature Communications</i> , <b>2016</b> , 7, 13357  | 17.4 | 46 |
| 114 | Multiethnic meta-analysis identifies ancestry-specific and cross-ancestry loci for pulmonary function. <i>Nature Communications</i> , <b>2018</b> , 9, 2976  | 17.4 | 45 |
| 113 | HDAC9 is implicated in atherosclerotic aortic calcification and affects vascular smooth muscle cell phenotype. <i>Nature Genetics</i> , <b>2019</b> , 51, 1580-1587  | 36.3 | 45 |
| 112 | Novel approach identifies SNPs in SLC2A10 and KCNK9 with evidence for parent-of-origin effect on body mass index. <i>PLoS Genetics</i> , <b>2014</b> , 10, e1004508  | 6    | 45 |

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| 111 | Protein-coding variants implicate novel genes related to lipid homeostasis contributing to body-fat distribution. <i>Nature Genetics</i> , <b>2019</b> , 51, 452-469   | 36.3 | 44 |
| 110 | Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria. <i>Nature Communications</i> , <b>2019</b> , 10, 4130   | 17.4 | 43 |
| 109 | PNPLA3 gene-by-visceral adipose tissue volume interaction and the pathogenesis of fatty liver disease: the NHLBI family heart study. <i>International Journal of Obesity</i> , <b>2013</b> , 37, 432-8                                 | 5.5  | 42 |
| 108 | Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. <i>Nature Communications</i> , <b>2019</b> , 10, 376   | 17.4 | 41 |
| 107 | Associations of autozygosity with a broad range of human phenotypes. <i>Nature Communications</i> , <b>2019</b> , 10, 4957   | 17.4 | 40 |
| 106 | The ERLIN1-CHUK-CWF19L1 gene cluster influences liver fat deposition and hepatic inflammation in the NHLBI Family Heart Study. <i>Atherosclerosis</i> , <b>2013</b> , 228, 175-80  | 3.1  | 40 |
| 105 | Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. <i>American Journal of Epidemiology</i> , <b>2019</b> , 188, 1033-1054  | 3.8  | 39 |
| 104 | Multi-ethnic fine-mapping of 14 central adiposity loci. <i>Human Molecular Genetics</i> , <b>2014</b> , 23, 4738-44  | 5.6  | 38 |
| 103 | CNV-association meta-analysis in 191,161 European adults reveals new loci associated with anthropometric traits. <i>Nature Communications</i> , <b>2017</b> , 8, 744   | 17.4 | 37 |
| 102 | Loss of Cardioprotective Effects at the Locus as a Result of Gene-Smoking Interactions. <i>Circulation</i> , <b>2017</b> , 135, 2336-2353  | 16.7 | 36 |
| 101 | Multiethnic Exome-Wide Association Study of Subclinical Atherosclerosis. <i>Circulation: Cardiovascular Genetics</i> , <b>2016</b> , 9, 511-520  |      | 34 |
| 100 | Meta-analysis of rare and common exome chip variants identifies S1PR4 and other loci influencing blood cell traits. <i>Nature Genetics</i> , <b>2016</b> , 48, 867-76  | 36.3 | 34 |
| 99  | Genome of The Netherlands population-specific imputations identify an ABCA6 variant associated with cholesterol levels. <i>Nature Communications</i> , <b>2015</b> , 6, 6065   | 17.4 | 32 |
| 98  | Evidence for three genetic loci involved in both anorexia nervosa risk and variation of body mass index. <i>Molecular Psychiatry</i> , <b>2017</b> , 22, 192-201   | 15.1 | 31 |
| 97  | Novel genetic associations for blood pressure identified via gene-alcohol interaction in up to 570K individuals across multiple ancestries. <i>PLoS ONE</i> , <b>2018</b> , 13, e0198166   | 3.7  | 31 |
| 96  | Multi-ancestry sleep-by-SNP interaction analysis in 126,926 individuals reveals lipid loci stratified by sleep duration. <i>Nature Communications</i> , <b>2019</b> , 10, 5121   | 17.4 | 31 |
| 95  | and Loci Identified through Large-Scale Exome Chip Analysis Regulate Kidney Development and Function. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2017</b> , 28, 981-994   | 12.7 | 30 |
| 94  | Genome-wide meta-analysis of macronutrient intake of 91,114 European ancestry participants from the cohorts for heart and aging research in genomic epidemiology consortium. <i>Molecular Psychiatry</i> , <b>2019</b> , 24, 1920-1932 | 15.1 | 30 |



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| 93 | Age and Sex Distributions of Age-Related Biomarker Values in Healthy Older Adults from the Long Life Family Study. <i>Journal of the American Geriatrics Society</i> , <b>2016</b> , 64, e189-e194   | 5.6  | 28 |
| 92 | Rare, low frequency and common coding variants in CHRNA5 and their contribution to nicotine dependence in European and African Americans. <i>Molecular Psychiatry</i> , <b>2016</b> , 21, 601-7  | 15.1 | 27 |
| 91 | Common variants in Mendelian kidney disease genes and their association with renal function. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2013</b> , 24, 2105-17  | 12.7 | 27 |
| 90 | Meta-analysis of 49 549 individuals imputed with the 1000 Genomes Project reveals an exonic damaging variant in ANGPTL4 determining fasting TG levels. <i>Journal of Medical Genetics</i> , <b>2016</b> , 53, 441-9 <sup>5.8</sup>   | 5.8  | 27 |
| 89 | Disentangling the genetics of lean mass. <i>American Journal of Clinical Nutrition</i> , <b>2019</b> , 109, 276-287  | 7    | 24 |
| 88 | Pleiotropic QTL on chromosome 19q13 for triglycerides and adiposity: the HERITAGE Family Study. <i>Atherosclerosis</i> , <b>2006</b> , 185, 426-32   | 3.1  | 24 |
| 87 | The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , <b>2021</b> ,   | 50.4 | 24 |
| 86 | rs641738C>T near MBOAT7 is associated with liver fat, ALT and fibrosis in NAFLD: A meta-analysis. <i>Journal of Hepatology</i> , <b>2021</b> , 74, 20-30   | 13.4 | 24 |
| 85 | Dairy Consumption and Body Mass Index Among Adults: Mendelian Randomization Analysis of 184802 Individuals from 25 Studies. <i>Clinical Chemistry</i> , <b>2018</b> , 64, 183-191  | 5.5  | 24 |
| 84 | 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> , <b>2015</b> , 64, 1359-71  | 12.7 | 23 |
| 83 | Apolipoprotein A2 polymorphism interacts with intakes of dairy foods to influence body weight in 2 U.S. populations. <i>Journal of Nutrition</i> , <b>2013</b> , 143, 1865-71  | 4.1  | 22 |
| 82 | Insulin Resistance Exacerbates Genetic Predisposition to Nonalcoholic Fatty Liver Disease in Individuals Without Diabetes. <i>Hepatology Communications</i> , <b>2019</b> , 3, 894-907   | 6    | 21 |
| 81 | Sex-influenced association of nonalcoholic fatty liver disease with coronary heart disease. <i>Atherosclerosis</i> , <b>2013</b> , 227, 420-4  | 3.1  | 20 |
| 80 | Independent associations of TOMM40 and APOE variants with body mass index. <i>Aging Cell</i> , <b>2019</b> , 18, e12869  | 9.9  | 19 |
| 79 | Sex and race differences in the prevalence of fatty liver disease as measured by computed tomography liver attenuation in European American and African American participants of the NHLBI family heart study. <i>European Journal of Gastroenterology and Hepatology</i> , <b>2012</b> , 24, 9-16 | 2.2  | 18 |
| 78 | Association of gene variants with lipid levels in response to fenofibrate is influenced by metabolic syndrome status. <i>Atherosclerosis</i> , <b>2011</b> , 215, 435-9  | 3.1  | 17 |
| 77 | The effect of CYP7A1 polymorphisms on lipid responses to fenofibrate. <i>Journal of Cardiovascular Pharmacology</i> , <b>2012</b> , 59, 254-9  | 3.1  | 17 |
| 76 | Genome-wide association meta-analysis of fish and EPA+DHA consumption in 17 US and European cohorts. <i>PLoS ONE</i> , <b>2017</b> , 12, e0186456  | 3.7  | 15 |



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|----|---|------|----|
| 75 | Evidence of QTLs on chromosomes 1q42 and 8q24 for LDL-cholesterol and apoB levels in the HERITAGE family study. <i>Journal of Lipid Research</i> , <b>2005</b> , 46, 281-6  | 6.3  | 15 |
| 74 | Major gene effects on exercise ventilatory threshold: the HERITAGE Family Study. <i>Journal of Applied Physiology</i> , <b>2002</b> , 93, 1000-6  | 3.7  | 15 |
| 73 | A genetic study of cortisol measured before and after endurance training: the HERITAGE Family Study. <i>Metabolism: Clinical and Experimental</i> , <b>2002</b> , 51, 360-5   | 12.7 | 15 |
| 72 | An Empirical Comparison of Joint and Stratified Frameworks for Studying G x E Interactions: Systolic Blood Pressure and Smoking in the CHARGE Gene-Lifestyle Interactions Working Group. <i>Genetic Epidemiology</i> , <b>2016</b> , 40, 404-15 | 2.6  | 15 |
| 71 | A multi-ancestry genome-wide study incorporating gene-smoking interactions identifies multiple new loci for pulse pressure and mean arterial pressure. <i>Human Molecular Genetics</i> , <b>2019</b> , 28, 2615-2633                            | 5.6  | 14 |
| 70 | Detection of a major gene effect for LDL peak particle diameter and association with apolipoprotein H gene haplotype. <i>Atherosclerosis</i> , <b>2005</b> , 182, 231-9   | 3.1  | 14 |
| 69 | A high throughput, functional screen of human Body Mass Index GWAS loci using tissue-specific RNAi Drosophila melanogaster crosses. <i>PLoS Genetics</i> , <b>2018</b> , 14, e1007222   | 6    | 14 |
| 68 | Genetic analysis of long-lived families reveals novel variants influencing high density-lipoprotein cholesterol. <i>Frontiers in Genetics</i> , <b>2014</b> , 5, 159  | 4.5  | 13 |
| 67 | Pleiotropic QTL on chromosome 12q23-q24 influences triglyceride and high-density lipoprotein cholesterol levels: the HERITAGE family study. <i>Human Biology</i> , <b>2006</b> , 78, 317-27   | 1.2  | 13 |
| 66 | Evidence of QTLs on chromosomes 13q and 14q for triglycerides before and after 20 weeks of exercise training: the HERITAGE Family Study. <i>Atherosclerosis</i> , <b>2005</b> , 182, 349-60   | 3.1  | 13 |
| 65 | Genetic causes involved in Leishmania Chagasi infection innortheastern: Brazil. <i>Genetics and Molecular Biology</i> , <b>1999</b> , 22, 1-5   | 2    | 13 |
| 64 | Exome-Derived Adiponectin-Associated Variants Implicate Obesity and Lipid Biology. <i>American Journal of Human Genetics</i> , <b>2019</b> , 105, 15-28   | 11   | 12 |
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| 61 | Dairy Intake and Body Composition and Cardiometabolic Traits among Adults: Mendelian Randomization Analysis of 182041 Individuals from 18 Studies. <i>Clinical Chemistry</i> , <b>2019</b> , 65, 751-760  | 5.5  | 11 |
| 60 | Estimating and testing pleiotropy of single genetic variant for two quantitative traits. <i>Genetic Epidemiology</i> , <b>2014</b> , 38, 523-30   | 2.6  | 11 |
| 59 | LIPC variants in the promoter and intron 1 modify HDL-C levels in a sex-specific fashion. <i>Atherosclerosis</i> , <b>2009</b> , 204, 171-7   | 3.1  | 11 |
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| 57 | A QTL on 12q influencing an inflammation marker and obesity in white women: the NHLBI Family Heart Study. <i>Obesity</i> , <b>2009</b> , 17, 525-31   | 8    | 10 |
| 56 | Genetic Studies of Leptin Concentrations Implicate Leptin in the Regulation of Early Adiposity. <i>Diabetes</i> , <b>2020</b> , 69, 2806-2818   | 0.9  | 10 |
| 55 | Inheritance of the waist-to-hip ratio in the National Heart, Lung, and Blood Institute Family Heart Study. <i>Obesity</i> , <b>2000</b> , 8, 294-301  |      | 9  |
| 54 | Age-Related Biomarkers in LLFS Families With Exceptional Cognitive Abilities. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2017</b> , 72, 1683-1688                                  | 6.4  | 8  |
| 53 | Role of Rare and Low-Frequency Variants in Gene-Alcohol Interactions on Plasma Lipid Levels. <i>Circulation Genomic and Precision Medicine</i> , <b>2020</b> , 13, e002772  | 5.2  | 8  |
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| 49 | Heterogeneity of healthy aging: comparing long-lived families across five healthy aging phenotypes of blood pressure, memory, pulmonary function, grip strength, and metabolism. <i>GeroScience</i> , <b>2019</b> , 41, 383-393 | 8.9  | 7  |
| 48 | Discovery and fine-mapping of height loci via high-density imputation of GWASs in individuals of African ancestry. <i>American Journal of Human Genetics</i> , <b>2021</b> , 108, 564-582                                       | 11   | 7  |
| 47 | Polygenic prediction of educational attainment within and between families from genome-wide association analyses in 3 million individuals.. <i>Nature Genetics</i> , <b>2022</b> ,  | 36.3 | 7  |
| 46 | Meta-analysis uncovers genome-wide significant variants for rapid kidney function decline. <i>Kidney International</i> , <b>2021</b> , 99, 926-939  | 9.9  | 6  |
| 45 | Genome-wide association study of circulating interleukin 6 levels identifies novel loci. <i>Human Molecular Genetics</i> , <b>2021</b> , 30, 393-409  | 5.6  | 6  |
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| 43 | Fine mapping the region reveals a common intronic insertion associated to HDL-C. <i>Npj Aging and Mechanisms of Disease</i> , <b>2015</b> , 1, 15011  | 5.5  | 5  |
| 42 | Lack of evidence of a major gene acting on postaxial polydactyly in South America. <i>American Journal of Medical Genetics Part A</i> , <b>1998</b> , 80, 466-72  |      | 5  |
| 41 | Allele-specific variation at APOE increases nonalcoholic fatty liver disease and obesity but decreases risk of Alzheimer's disease and myocardial infarction. <i>Human Molecular Genetics</i> , <b>2021</b> , 30, 1443-1456     | 5.6  | 5  |
| 40 | Genome-wide linkage analysis of carotid artery traits in exceptionally long-lived families. <i>Atherosclerosis</i> , <b>2019</b> , 291, 19-26   | 3.1  | 4  |

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| 39 | Smoking-by-genotype interaction in type 2 diabetes risk and fasting glucose. <i>PLoS ONE</i> , <b>2020</b> , 15, e0230815   | 3.15 | 4 |
| 38 | Composite Measure of Physiological Dysregulation as a Predictor of Mortality: The Long Life Family Study. <i>Frontiers in Public Health</i> , <b>2020</b> , 8, 56   | 6    | 4 |
| 37 | Gene discovery for high-density lipoprotein cholesterol level change over time in prospective family studies. <i>Atherosclerosis</i> , <b>2020</b> , 297, 102-110   | 3.1  | 4 |
| 36 | An exome-wide sequencing study of lipid response to high-fat meal and fenofibrate in Caucasians from the GOLDN cohort. <i>Journal of Lipid Research</i> , <b>2018</b> , 59, 722-729   | 6.3  | 4 |
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| 34 | Evidence for three novel QTLs for adiposity on chromosome 2 with epistatic interactions: the NHLBI Family Heart Study. <i>Obesity</i> , <b>2009</b> , 17, 2190-5  | 8    | 4 |
| 33 | An appraisal of the epidemiology of Trypanosoma cruzi serology in Brazil. <i>Memorias Do Instituto Oswaldo Cruz</i> , <b>1991</b> , 86, 159-67  | 2.6  | 4 |
| 32 | Genetic loci associated with prevalent and incident myocardial infarction and coronary heart disease in the Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Consortium. <i>PLoS ONE</i> , <b>2020</b> , 15, e0230035              | 3.7  | 4 |
| 31 | Obesity Partially Mediates the Diabetogenic Effect of Lowering LDL Cholesterol. <i>Diabetes Care</i> , <b>2021</b> ,  | 14.6 | 4 |
| 30 | Gene-educational attainment interactions in a multi-ancestry genome-wide meta-analysis identify novel blood pressure loci. <i>Molecular Psychiatry</i> , <b>2021</b> , 26, 2111-2125  | 15.1 | 3 |
| 29 | Lack of pleiotropic genetic effects between adiposity and sex hormone-binding globulin concentrations before and after 20 weeks of exercise training: the HERITAGE family study. <i>Metabolism: Clinical and Experimental</i> , <b>2003</b> , 52, 35-41 | 12.7 | 3 |
| 28 | Physical robustness and resilience among long-lived female siblings: a comparison with sporadic long-livers. <i>Aging</i> , <b>2020</b> , 12, 15157-15168   | 5.6  | 3 |
| 27 | Relationship Between Serum IGF-1 and BMI Differs by Age. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2021</b> , 76, 1303-1308   | 6.4  | 3 |
| 26 | A Noncoding Variant Near PPP1R3B Promotes Liver Glycogen Storage and MetS, but Protects Against Myocardial Infarction. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2021</b> , 106, 372-387   | 5.6  | 3 |
| 25 | A novel healthy metabolic phenotype developed among a cohort of families enriched for longevity. <i>Metabolism: Clinical and Experimental</i> , <b>2019</b> , 94, 28-38   | 12.7 | 2 |
| 24 | Sex-specific associations between screen time and lipoprotein subfractions. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , <b>2014</b> , 24, 59-69   | 4.4  | 2 |
| 23 | Detecting disease rare alleles using single SNPs in families and haplotyping in unrelated subjects from the Genetic Analysis Workshop 17 data. <i>BMC Proceedings</i> , <b>2011</b> , 5 Suppl 9, S96  | 2.3  | 2 |
| 22 | Segregation analysis of regional fat distribution in families from Andhra Pradesh, India. <i>International Journal of Obesity</i> , <b>1999</b> , 23, 874-80  | 5.5  | 2 |

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| 21 | Prevalence, Incidence, and Risk Factors for Overall, Physical, and Cognitive Independence Among Those From Exceptionally Long-Lived Families: The Long Life Family Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2020</b> , 75, 899-905 | 6.4 | 2 |
| 20 | An Exome-Wide Sequencing Study of the GOLDN Cohort Reveals Novel Associations of Coding Variants and Fasting Plasma Lipids. <i>Frontiers in Genetics</i> , <b>2019</b> , 10, 158   | 4.5 | 1 |
| 19 | Deriving stratified effects from joint models investigating gene-environment interactions. <i>BMC Bioinformatics</i> , <b>2020</b> , 21, 251   | 3.6 | 1 |
| 18 | O futuro da epidemiologia genética de características complexas. <i>Ciencia E Saude Coletiva</i> , <b>2002</b> , 7, 73-83  | 2.2 | 1 |
| 17 | Evidence for biological inheritance of the eosinophil response to internal parasites in southeastern Brazil. <i>Genetics and Molecular Biology</i> , <b>1999</b> , 22, 481-485   | 2   | 1 |
| 16 | Protein-Coding Variants Implicate Novel Genes Related to Lipid Homeostasis Contributing to Body Fat Distribution   |     | 1 |
| 15 | Multi-ancestry analysis of gene-sleep interactions in 126,926 individuals identifies multiple novel blood lipid loci that contribute to our understanding of sleep-associated adverse blood lipid profile  |     | 1 |
| 14 | Heterogeneity of the Predictive Polygenic Risk Scores for Coronary Heart Disease Age-at-Onset in Three Different Coronary Heart Disease Family-Based Ascertainments. <i>Circulation Genomic and Precision Medicine</i> , <b>2021</b> , 14, e003201                                       | 5.2 | 1 |
| 13 | Association Between APOE Alleles and Change of Neuropsychological Tests in the Long Life Family Study. <i>Journal of Alzheimer's Disease</i> , <b>2021</b> , 79, 117-125   | 4.3 | 1 |
| 12 | Differential and shared genetic effects on kidney function between diabetic and non-diabetic individuals. <i>Communications Biology</i> , <b>2022</b> , 5,   | 6.7 | 1 |
| 11 | Pleiotropic relationships between cortisol levels and adiposity: The HERITAGE Family Study. <i>Obesity</i> , <b>2002</b> , 10, 1222-31   |     | 0 |
| 10 | Multiethnic Genome-Wide Association Study of Subclinical Atherosclerosis in Individuals With Type 2 Diabetes. <i>Circulation Genomic and Precision Medicine</i> , <b>2021</b> , 14, e003258  | 5.2 | 0 |
| 9  | Pleiotropic effects between cardiovascular disease risk factors and measures of cognitive and physical function in long-lived adults. <i>Scientific Reports</i> , <b>2021</b> , 11, 17980  | 4.9 | 0 |
| 8  | The inheritance of factors associated with joint mobility. <i>Genetic Epidemiology</i> , <b>1996</b> , 13, 403-9   | 2.6 |   |
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- 2 Smoking-by-genotype interaction in type 2 diabetes risk and fasting glucose **2020**, 15, e0230815
- 1 Smoking-by-genotype interaction in type 2 diabetes risk and fasting glucose **2020**, 15, e0230815