

Michael Y Tsai

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.

343
papers

16,661
citations

64
h-index

118
g-index

358
ext. papers

19,239
ext. citations

6.1
avg, IF

6.02
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 343 | Peroxynitrite-mediated tyrosine nitration catalyzed by superoxide dismutase. <i>Archives of Biochemistry and Biophysics</i> , 1992 , 298, 431-7 | 4.1 | 1405 |
| 342 | Kinetics of superoxide dismutase- and iron-catalyzed nitration of phenolics by peroxynitrite. <i>Archives of Biochemistry and Biophysics</i> , 1992 , 298, 438-45 | 4.1 | 729 |
| 341 | Prospective study of coronary heart disease incidence in relation to fasting total homocysteine, related genetic polymorphisms, and B vitamins: the Atherosclerosis Risk in Communities (ARIC) study. <i>Circulation</i> , 1998 , 98, 204-10 | 16.7 | 499 |
| 340 | Mendelian randomization of blood lipids for coronary heart disease. <i>European Heart Journal</i> , 2015 , 36, 539-50 | 9.5 | 417 |
| 339 | HMG-coenzyme A reductase inhibition, type 2 diabetes, and bodyweight: evidence from genetic analysis and randomised trials. <i>Lancet, The</i> , 2015 , 385, 351-61 | 40 | 409 |
| 338 | Association between alcohol and cardiovascular disease: Mendelian randomisation analysis based on individual participant data. <i>BMJ, The</i> , 2014 , 349, g4164 | 5.9 | 406 |
| 337 | Genome-wide association study of plasma polyunsaturated fatty acids in the InCHIANTI Study. <i>PLoS Genetics</i> , 2009 , 5, e1000338 | 6 | 300 |
| 336 | LDL particle subclasses, LDL particle size, and carotid atherosclerosis in the Multi-Ethnic Study of Atherosclerosis (MESA). <i>Atherosclerosis</i> , 2007 , 192, 211-7 | 3.1 | 283 |
| 335 | Incorporation and clearance of omega-3 fatty acids in erythrocyte membranes and plasma phospholipids. <i>Clinical Chemistry</i> , 2006 , 52, 2265-72 | 5.5 | 258 |
| 334 | Genetic loci associated with plasma phospholipid n-3 fatty acids: a meta-analysis of genome-wide association studies from the CHARGE Consortium. <i>PLoS Genetics</i> , 2011 , 7, e1002193 | 6 | 257 |
| 333 | EB Polyunsaturated Fatty Acid Biomarkers and Coronary Heart Disease: Pooling Project of 19 Cohort Studies. <i>JAMA Internal Medicine</i> , 2016 , 176, 1155-66 | 11.5 | 238 |
| 332 | Dyslipidemia prevalence, treatment, and control in the Multi-Ethnic Study of Atherosclerosis (MESA): gender, ethnicity, and coronary artery calcium. <i>Circulation</i> , 2006 , 113, 647-56 | 16.7 | 235 |
| 331 | 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> , 2014 , 94, 223-32 | 11 | 233 |
| 330 | Are inflammatory factors related to retinal vessel caliber? The Beaver Dam Eye Study. <i>JAMA Ophthalmology</i> , 2006 , 124, 87-94 | | 227 |
| 329 | Cystathionine beta-synthase mutations in homocystinuria. <i>Human Mutation</i> , 1999 , 13, 362-75 | 4.7 | 206 |
| 328 | Large-scale gene-centric meta-analysis across 32 studies identifies multiple lipid loci. <i>American Journal of Human Genetics</i> , 2012 , 91, 823-38 | 11 | 189 |
| 327 | trans-Palmitoleic acid, other dairy fat biomarkers, and incident diabetes: the Multi-Ethnic Study of Atherosclerosis (MESA). <i>American Journal of Clinical Nutrition</i> , 2013 , 97, 854-61 | 7 | 176 |

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| 326 | Bone-marrow transplantation in the Maroteaux-Lamy syndrome (mucopolysaccharidosis type VI). Biochemical and clinical status 24 months after transplantation. <i>New England Journal of Medicine</i> , 1984 , 311, 1606-11 | 59.2 | 175 |
| 325 | Whole-exome sequencing identifies rare and low-frequency coding variants associated with LDL cholesterol. <i>American Journal of Human Genetics</i> , 2014 , 94, 233-45 | 11 | 170 |
| 324 | Long-term outcome of Hurler syndrome following bone marrow transplantation. <i>American Journal of Medical Genetics Part A</i> , 1993 , 46, 209-18 | | 170 |
| 323 | On the pH-dependent yield of hydroxyl radical products from peroxynitrite. <i>Free Radical Biology and Medicine</i> , 1994 , 16, 331-8 | 7.8 | 168 |
| 322 | The effect of nonsurgical periodontal therapy on hemoglobin A1c levels in persons with type 2 diabetes and chronic periodontitis: a randomized clinical trial. <i>JAMA - Journal of the American Medical Association</i> , 2013 , 310, 2523-32 | 27.4 | 159 |
| 321 | Causal effects of body mass index on cardiometabolic traits and events: a Mendelian randomization analysis. <i>American Journal of Human Genetics</i> , 2014 , 94, 198-208 | 11 | 156 |
| 320 | Omega-6 fatty acid biomarkers and incident type 2 diabetes: pooled analysis of individual-level data for 39 740 adults from 20 prospective cohort studies. <i>Lancet Diabetes and Endocrinology</i> , 2017 , 5, 965-974 | 18.1 | 150 |
| 319 | A common mutation in the methylenetetrahydrofolate reductase gene (C677T) increases the risk for deep-vein thrombosis in patients with mutant factor V (factor V:Q506). <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1997 , 17, 1662-6 | 9.4 | 145 |
| 318 | C677T and A1298C Polymorphisms of the Methylenetetrahydrofolate Reductase Gene: Incidence and Effect of Combined Genotypes on Plasma Fasting and Post-Methionine Load Homocysteine in Vascular Disease. <i>Clinical Chemistry</i> , 2001 , 47, 661-666 | 5.5 | 140 |
| 317 | Markers of inflammation predict the long-term risk of developing chronic kidney disease: a population-based cohort study. <i>Kidney International</i> , 2011 , 80, 1231-8 | 9.9 | 134 |
| 316 | ABO blood group, other risk factors and incidence of venous thromboembolism: the Longitudinal Investigation of Thromboembolism Etiology (LITE). <i>Journal of Thrombosis and Haemostasis</i> , 2007 , 5, 1455-61 | 15.4 | 131 |
| 315 | Associations of dietary long-chain n-3 polyunsaturated fatty acids and fish with biomarkers of inflammation and endothelial activation (from the Multi-Ethnic Study of Atherosclerosis [MESA]). <i>American Journal of Cardiology</i> , 2009 , 103, 1238-43 | 3 | 130 |
| 314 | Treatment of late infantile metachromatic leukodystrophy by bone marrow transplantation. <i>New England Journal of Medicine</i> , 1990 , 322, 28-32 | 59.2 | 127 |
| 313 | Circulating and dietary omega-3 and omega-6 polyunsaturated fatty acids and incidence of CVD in the Multi-Ethnic Study of Atherosclerosis. <i>Journal of the American Heart Association</i> , 2013 , 2, e000506 | 6 | 124 |
| 312 | Epigenome-wide study identifies novel methylation loci associated with body mass index and waist circumference. <i>Obesity</i> , 2015 , 23, 1493-501 | 8 | 122 |
| 311 | Polygenic influence on plasma homocysteine: association of two prevalent mutations, the 844ins68 of cystathionine beta-synthase and A(2756)G of methionine synthase, with lowered plasma homocysteine levels. <i>Atherosclerosis</i> , 2000 , 149, 131-7 | 3.1 | 122 |
| 310 | Biomarkers of Dietary Omega-6 Fatty Acids and Incident Cardiovascular Disease and Mortality. <i>Circulation</i> , 2019 , 139, 2422-2436 | 16.7 | 118 |
| 309 | CLOCK genetic variation and metabolic syndrome risk: modulation by monounsaturated fatty acids. <i>American Journal of Clinical Nutrition</i> , 2009 , 90, 1466-75 | 7 | 115 |

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| 308 | Genome-wide association study of plasma N6 polyunsaturated fatty acids within the cohorts for heart and aging research in genomic epidemiology consortium. <i>Circulation: Cardiovascular Genetics</i> , 2014 , 7, 321-331 | | 112 |
| 307 | Fenofibrate effect on triglyceride and postprandial response of apolipoprotein A5 variants: the GOLDN study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007 , 27, 1417-25 | 9.4 | 106 |
| 306 | A prospective study of venous thromboembolism in relation to factor V Leiden and related factors. <i>Blood</i> , 2002 , 99, 2720-5 | 2.2 | 106 |
| 305 | The -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, 1144-52 | 5.5 | 103 |
| 304 | Short-term and long-term variability of plasma homocysteine measurement. <i>Clinical Chemistry</i> , 1997 , 43, 141-145 | 5.5 | 98 |
| 303 | Markers of inflammation, oxidative stress, and endothelial dysfunction and the 20-year cumulative incidence of early age-related macular degeneration: the Beaver Dam Eye Study. <i>JAMA Ophthalmology</i> , 2014 , 132, 446-55 | 3.9 | 94 |
| 302 | A prospective study of coronary heart disease and the hemochromatosis gene (HFE) C282Y mutation: the Atherosclerosis Risk in Communities (ARIC) study. <i>Atherosclerosis</i> , 2001 , 154, 739-46 | 3.1 | 93 |
| 301 | Genetic causes of mild hyperhomocysteinemia in patients with premature occlusive coronary artery diseases. <i>Atherosclerosis</i> , 1999 , 143, 163-70 | 3.1 | 89 |
| 300 | Fatty acid biomarkers of dairy fat consumption and incidence of type 2 diabetes: A pooled analysis of prospective cohort studies. <i>PLoS Medicine</i> , 2018 , 15, e1002670 | 11.6 | 89 |
| 299 | The relation of markers of inflammation and endothelial dysfunction to the prevalence and progression of diabetic retinopathy: Wisconsin epidemiologic study of diabetic retinopathy. <i>JAMA Ophthalmology</i> , 2009 , 127, 1175-82 | | 87 |
| 298 | 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, 2219-25 | 4.1 | 87 |
| 297 | Race is a key variable in assigning lipoprotein(a) cutoff values for coronary heart disease risk assessment: the Multi-Ethnic Study of Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015 , 35, 996-1001 | 9.4 | 86 |
| 296 | Polymorphisms in the fatty acid-binding protein 2 and apolipoprotein C-III genes are associated with the metabolic syndrome and dyslipidemia in a South Indian population. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 1705-11 | 5.6 | 86 |
| 295 | New automated assay of small dense low-density lipoprotein cholesterol identifies risk of coronary heart disease: the Multi-ethnic Study of Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014 , 34, 196-201 | 9.4 | 85 |
| 294 | Relation of C-reactive protein and other cardiovascular risk factors to penile vascular disease in men with erectile dysfunction. <i>International Journal of Impotence Research</i> , 2003 , 15, 231-6 | 2.3 | 83 |
| 293 | Biomarkers of dairy fatty acids and risk of cardiovascular disease in the Multi-ethnic Study of Atherosclerosis. <i>Journal of the American Heart Association</i> , 2013 , 2, e000092 | 6 | 81 |
| 292 | Excess prevalence of fasting and postmethionine-loading hyperhomocysteinemia in stable renal transplant recipients. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1997 , 17, 1894-900 | 9.4 | 80 |
| 291 | Physical Activity and Plasma Phospholipid Saturated Fatty Acids During Pregnancy: A Longitudinal Study Within the NICHD Fetal Growth Studies. <i>Current Developments in Nutrition</i> , 2020 , 4, 1030-1030 | 0.4 | 78 |

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| 290 | Lipidomic Profile in Pregnancy and Neonatal Size: A Prospective and Longitudinal Study. <i>Current Developments in Nutrition</i> , 2020 , 4, 1026-1026 | 0.4 | 78 |
| 289 | Plasma Phospholipid Polyunsaturated Fatty Acids Across Pregnancy in Relation to Neonatal Size and Adiposity: A Longitudinal Study Within the NICHD Fetal Growth Studies (P11-038-19). <i>Current Developments in Nutrition</i> , 2019 , 3, | 0.4 | 78 |
| 288 | Gene-centric meta-analyses of 108 912 individuals confirm known body mass index loci and reveal three novel signals. <i>Human Molecular Genetics</i> , 2013 , 22, 184-201 | 5.6 | 73 |
| 287 | 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, 364-9 | 5.3 | 68 |
| 286 | Effect of influenza vaccine on markers of inflammation and lipid profile. <i>Translational Research</i> , 2005 , 145, 323-7 | | 68 |
| 285 | ADIPOQ polymorphisms, monounsaturated fatty acids, and obesity risk: the GOLDN study. <i>Obesity</i> , 2009 , 17, 510-7 | 8 | 67 |
| 284 | Smoking, diabetes, and blood cholesterol differ in their associations with subclinical atherosclerosis: the Multiethnic Study of Atherosclerosis (MESA). <i>Atherosclerosis</i> , 2006 , 186, 441-7 | 3.1 | 67 |
| 283 | Genome-wide association study identifies novel loci associated with concentrations of four plasma phospholipid fatty acids in the de novo lipogenesis pathway: results from the Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) consortium. <i>Circulation: Cardiovascular Genetics</i> , 2013 , 6, 171-83 | | 65 |
| 282 | Population structure of Hispanics in the United States: the multi-ethnic study of atherosclerosis. <i>PLoS Genetics</i> , 2012 , 8, e1002640 | 6 | 65 |
| 281 | Cholesteryl ester transfer protein genetic polymorphisms, HDL cholesterol, and subclinical cardiovascular disease in the Multi-Ethnic Study of Atherosclerosis. <i>Atherosclerosis</i> , 2008 , 200, 359-67 | 3.1 | 64 |
| 280 | Systemic markers of inflammation, endothelial dysfunction, and age-related maculopathy. <i>American Journal of Ophthalmology</i> , 2005 , 140, 35-44 | 4.9 | 64 |
| 279 | Serum homocysteine, thermolabile variant of methylene tetrahydrofolate reductase (MTHFR), and venous thromboembolism: Longitudinal Investigation of Thromboembolism Etiology (LITE). <i>American Journal of Hematology</i> , 2003 , 72, 192-200 | 7.1 | 64 |
| 278 | Isozymes of Rabbit Phosphofructokinase. <i>Journal of Biological Chemistry</i> , 1973 , 248, 785-792 | 5.4 | 63 |
| 277 | High-Density Lipoprotein Subspecies Defined by Presence of Apolipoprotein C-III and Incident Coronary Heart Disease in Four Cohorts. <i>Circulation</i> , 2018 , 137, 1364-1373 | 16.7 | 63 |
| 276 | Genetic Variants Associated With Quantitative Glucose Homeostasis Traits Translate to Type 2 Diabetes in Mexican Americans: The GUARDIAN (Genetics Underlying Diabetes in Hispanics) Consortium. <i>Diabetes</i> , 2015 , 64, 1853-66 | 0.9 | 62 |
| 275 | Markers of inflammation, vascular endothelial dysfunction, and age-related cataract. <i>American Journal of Ophthalmology</i> , 2006 , 141, 116-22 | 4.9 | 62 |
| 274 | Intakes of long-chain n-3 polyunsaturated fatty acids and fish in relation to measurements of subclinical atherosclerosis. <i>American Journal of Clinical Nutrition</i> , 2008 , 88, 1111-8 | 7 | 58 |
| 273 | Long-term assessment of systemic inflammation and the cumulative incidence of age-related hearing impairment in the epidemiology of hearing loss study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014 , 69, 207-14 | 6.4 | 56 |

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| 272 | Erythrocyte fatty acid composition and the metabolic syndrome: a National Heart, Lung, and Blood Institute GOLDN study. <i>Clinical Chemistry</i> , 2008 , 54, 154-62 | 5.5 | 56 |
| 271 | Frequency and type of seafood consumed influence plasma (n-3) fatty acid concentrations. <i>Journal of Nutrition</i> , 2008 , 138, 2422-7 | 4.1 | 56 |
| 270 | Anticardiolipin antibodies as a risk factor for venous thromboembolism in a population-based prospective study. <i>British Journal of Haematology</i> , 2002 , 119, 1005-10 | 4.5 | 56 |
| 269 | Long-term systemic inflammation and cognitive impairment in a population-based cohort. <i>Journal of the American Geriatrics Society</i> , 2014 , 62, 1683-91 | 5.6 | 55 |
| 268 | Association of combinations of lipid parameters with carotid intima-media thickness and coronary artery calcium in the MESA (Multi-Ethnic Study of Atherosclerosis). <i>Journal of the American College of Cardiology</i> , 2010 , 56, 1034-41 | 15.1 | 55 |
| 267 | Effects of fluvastatin (XU 62-320), an HMG-CoA reductase inhibitor, on the distribution and composition of low density lipoprotein subspecies in humans. <i>Atherosclerosis</i> , 1991 , 87, 147-57 | 3.1 | 55 |
| 266 | High-fat meal effect on LDL, HDL, and VLDL particle size and number in the Genetics of Lipid-Lowering Drugs and Diet Network (GOLDN): an interventional study. <i>Lipids in Health and Disease</i> , 2011 , 10, 181 | 4.4 | 54 |
| 265 | Deep coverage whole genome sequences and plasma lipoprotein(a) in individuals of European and African ancestries. <i>Nature Communications</i> , 2018 , 9, 2606 | 17.4 | 53 |
| 264 | Molecular and biochemical approaches in the identification of heterozygotes for homocystinuria. <i>Atherosclerosis</i> , 1996 , 122, 69-77 | 3.1 | 52 |
| 263 | 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, 191-7 | 1.9 | 51 |
| 262 | Methylation at CPT1A locus is associated with lipoprotein subfraction profiles. <i>Journal of Lipid Research</i> , 2014 , 55, 1324-30 | 6.3 | 50 |
| 261 | Interleukin1beta genetic polymorphisms interact with polyunsaturated fatty acids to modulate risk of the metabolic syndrome. <i>Journal of Nutrition</i> , 2007 , 137, 1846-51 | 4.1 | 50 |
| 260 | Codon-54 polymorphism of the fatty acid-binding protein 2 gene is associated with elevation of fasting and postprandial triglyceride in type 2 diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000 , 85, 3155-60 | 5.6 | 49 |
| 259 | The influence of persistent pathogens on circulating levels of inflammatory markers: a cross-sectional analysis from the Multi-Ethnic Study of Atherosclerosis. <i>BMC Public Health</i> , 2010 , 10, 7064.1 | 4.1 | 48 |
| 258 | 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, 391-9 | 7 | 47 |
| 257 | Lipoprotein abnormalities associated with mild impairment of kidney function in the multi-ethnic study of atherosclerosis. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2008 , 3, 125-32 | 6.9 | 46 |
| 256 | Relation between plasma homocysteine concentration, the 844ins68 variant of the cystathionine beta-synthase gene, and pyridoxal-5Pphosphate concentration. <i>Molecular Genetics and Metabolism</i> , 1999 , 67, 352-6 | 3.7 | 46 |
| 255 | Associations between two common polymorphisms in the ABCA1 gene and subclinical atherosclerosis: Multi-Ethnic Study of Atherosclerosis (MESA). <i>Atherosclerosis</i> , 2007 , 193, 352-60 | 3.1 | 45 |

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| 254 | Prospective study of the G20210A polymorphism in the prothrombin gene, plasma prothrombin concentration, and incidence of venous thromboembolism. <i>American Journal of Hematology</i> , 2002 , 71, 285-90 | 7.1 | 45 |
| 253 | Lipoprotein(a) Levels Are Associated With Subclinical Calcific Aortic Valve Disease in White and Black Individuals: The Multi-Ethnic Study of Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016 , 36, 1003-9 | 9.4 | 45 |
| 252 | Association of Air Pollution Exposures With High-Density Lipoprotein Cholesterol and Particle Number: The Multi-Ethnic Study of Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017 , 37, 976-982 | 9.4 | 44 |
| 251 | Elevated homocysteine is associated with reduced regional left ventricular function: the Multi-Ethnic Study of Atherosclerosis. <i>Circulation</i> , 2007 , 115, 180-7 | 16.7 | 44 |
| 250 | The trans-ancestral genomic architecture of glycemic traits. <i>Nature Genetics</i> , 2021 , 53, 840-860 | 36.3 | 44 |
| 249 | Rabbit Brain Phosphofructokinase. <i>Journal of Biological Chemistry</i> , 1974 , 249, 6590-6596 | 5.4 | 43 |
| 248 | Socioeconomic and psychosocial gradients in cardiovascular pathogen burden and immune response: the multi-ethnic study of atherosclerosis. <i>Brain, Behavior, and Immunity</i> , 2009 , 23, 663-71 | 16.6 | 42 |
| 247 | Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. <i>Nature Communications</i> , 2019 , 10, 376 | 17.4 | 41 |
| 246 | A longitudinal study of iron status during pregnancy and the risk of gestational diabetes: findings from a prospective, multiracial cohort. <i>Diabetologia</i> , 2017 , 60, 249-257 | 10.3 | 41 |
| 245 | Plasma and dietary omega-3 fatty acids, fish intake, and heart failure risk in the PhysiciansRHealth Study. <i>American Journal of Clinical Nutrition</i> , 2012 , 96, 882-8 | 7 | 41 |
| 244 | Polyunsaturated fatty acids modulate the effect of TCF7L2 gene variants on postprandial lipemia. <i>Journal of Nutrition</i> , 2009 , 139, 439-46 | 4.1 | 41 |
| 243 | Prevention of deterioration in metachromatic leukodystrophy by bone marrow transplantation. <i>American Journal of the Medical Sciences</i> , 1987 , 294, 80-5 | 2.2 | 41 |
| 242 | Increased levels of copeptin before clinical diagnosis of preeclampsia. <i>Hypertension</i> , 2014 , 64, 1362-7 | 8.5 | 40 |
| 241 | Bidirectional association of retinal vessel diameters and estimated GFR decline: the Beaver Dam CKD Study. <i>American Journal of Kidney Diseases</i> , 2011 , 57, 682-91 | 7.4 | 40 |
| 240 | 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, 161-9 | 1.9 | 40 |
| 239 | Association of common C-reactive protein (CRP) gene polymorphisms with baseline plasma CRP levels and fenofibrate response: the GOLDN study. <i>Diabetes Care</i> , 2008 , 31, 910-5 | 14.6 | 39 |
| 238 | Multi-ethnic analysis of lipid-associated loci: the NHLBI CARE project. <i>PLoS ONE</i> , 2012 , 7, e36473 | 3.7 | 39 |
| 237 | Plasma homocysteine and its association with carotid intimal-medial wall thickness and prevalent coronary heart disease: NHLBI Family Heart Study. <i>Atherosclerosis</i> , 2000 , 151, 519-24 | 3.1 | 37 |

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|-----|--|------|----|
| 236 | Effect of gemfibrozil on composition of lipoproteins and distribution of LDL subspecies. <i>Atherosclerosis</i> , 1992 , 95, 35-42 | 3.1 | 37 |
| 235 | Gene-centric meta-analysis of lipid traits in African, East Asian and Hispanic populations. <i>PLoS ONE</i> , 2012 , 7, e50198 | 3.7 | 37 |
| 234 | P-selectin and subclinical and clinical atherosclerosis: the Multi-Ethnic Study of Atherosclerosis (MESA). <i>Atherosclerosis</i> , 2015 , 240, 3-9 | 3.1 | 36 |
| 233 | Apolipoprotein E polymorphisms and postprandial triglyceridemia before and after fenofibrate treatment in the Genetics of Lipid Lowering and Diet Network (GOLDN) Study. <i>Circulation: Cardiovascular Genetics</i> , 2010 , 3, 462-7 | | 36 |
| 232 | Comparison of ultracentrifugation and nuclear magnetic resonance spectroscopy in the quantification of triglyceride-rich lipoproteins after an oral fat load. <i>Clinical Chemistry</i> , 2004 , 50, 1201-4 | 5.5 | 36 |
| 231 | Genome-wide meta-analyses identify novel loci associated with n-3 and n-6 polyunsaturated fatty acid levels in Chinese and European-ancestry populations. <i>Human Molecular Genetics</i> , 2016 , 25, 1215-24 | 5.6 | 35 |
| 230 | Plasma phospholipid concentration of cis-palmitoleic acid and risk of heart failure. <i>Circulation: Heart Failure</i> , 2012 , 5, 703-9 | 7.6 | 34 |
| 229 | Genetic loci associated with circulating phospholipid trans fatty acids: a meta-analysis of genome-wide association studies from the CHARGE Consortium. <i>American Journal of Clinical Nutrition</i> , 2015 , 101, 398-406 | 7 | 33 |
| 228 | Variants identified in a GWAS meta-analysis for blood lipids are associated with the lipid response to fenofibrate. <i>PLoS ONE</i> , 2012 , 7, e48663 | 3.7 | 33 |
| 227 | Dynamic incorporation of multiple in silico functional annotations empowers rare variant association analysis of large whole-genome sequencing studies at scale. <i>Nature Genetics</i> , 2020 , 52, 969-983 | 36.3 | 33 |
| 226 | Blood n-3 fatty acid levels and total and cause-specific mortality from 17 prospective studies. <i>Nature Communications</i> , 2021 , 12, 2329 | 17.4 | 33 |
| 225 | Insulin-Like Growth Factor Axis and Gestational Diabetes Mellitus: A Longitudinal Study in a Multiracial Cohort. <i>Diabetes</i> , 2016 , 65, 3495-3504 | 0.9 | 33 |
| 224 | Dietary fatty acids modulate associations between genetic variants and circulating fatty acids in plasma and erythrocyte membranes: Meta-analysis of nine studies in the CHARGE consortium. <i>Molecular Nutrition and Food Research</i> , 2015 , 59, 1373-83 | 5.9 | 32 |
| 223 | Smoking, inflammatory patterns and postprandial hypertriglyceridemia. <i>Atherosclerosis</i> , 2009 , 203, 633-9 | 3.1 | 31 |
| 222 | Individual pathogens, pathogen burden and markers of subclinical atherosclerosis: the Multi-Ethnic Study of Atherosclerosis. <i>Journal of Cardiovascular Medicine</i> , 2009 , 10, 747-51 | 1.9 | 31 |
| 221 | Genetic analysis of 16 NMR-lipoprotein fractions in humans, the GOLDN study. <i>Lipids</i> , 2013 , 48, 155-65 | 1.6 | 29 |
| 220 | Genetic variants modify the effect of age on APOE methylation in the Genetics of Lipid Lowering Drugs and Diet Network study. <i>Aging Cell</i> , 2015 , 14, 49-59 | 9.9 | 29 |
| 219 | Plasma galectin 3 and heart failure risk in the PhysiciansRHealth Study. <i>European Journal of Heart Failure</i> , 2014 , 16, 350-4 | 12.3 | 29 |

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|-----|---|------|----|
| 218 | APOM and high-density lipoprotein cholesterol are associated with lung function and per cent emphysema. <i>European Respiratory Journal</i> , 2014 , 43, 1003-17 | 13.6 | 29 |
| 217 | Relation of omega-3 fatty acid and dietary fish intake with brachial artery flow-mediated vasodilation in the Multi-Ethnic Study of Atherosclerosis. <i>American Journal of Clinical Nutrition</i> , 2010 , 92, 1204-13 | 7 | 29 |
| 216 | Physical inactivity interacts with an endothelial lipase polymorphism to modulate high density lipoprotein cholesterol in the GOLDN study. <i>Atherosclerosis</i> , 2009 , 206, 500-4 | 3.1 | 29 |
| 215 | Carbamyl phosphate synthetase and ornithine transcarbamylase activities in enzyme-deficient human liver measured by radiochromatography and correlated with outcome. <i>Pediatric Research</i> , 1989 , 26, 77-82 | 3.2 | 28 |
| 214 | Genetic variants associated with VLDL, LDL and HDL particle size differ with race/ethnicity. <i>Human Genetics</i> , 2013 , 132, 405-13 | 6.3 | 27 |
| 213 | Mild elevations of urine albumin excretion are associated with atherogenic lipoprotein abnormalities in the Multi-Ethnic Study of Atherosclerosis (MESA). <i>Atherosclerosis</i> , 2008 , 197, 407-14 | 3.1 | 27 |
| 212 | The SCARB1 gene is associated with lipid response to dietary and pharmacological interventions. <i>Journal of Human Genetics</i> , 2008 , 53, 709-717 | 4.3 | 27 |
| 211 | Interlaboratory Variation of Plasma Total Homocysteine Measurements: Results of Three Successive Homocysteine Proficiency Testing Surveys. <i>Clinical Chemistry</i> , 2002 , 48, 1539-1545 | 5.5 | 27 |
| 210 | Simultaneous detection and screening of T833C and G919A mutations of the cystathionine beta-synthase gene by single-strand conformational polymorphism. <i>Clinical Biochemistry</i> , 1996 , 29, 473-7 | 3.5 | 27 |
| 209 | Carotid Intima Media Thickness, Atherosclerosis, and 5-Year Decline in Odor Identification: The Beaver Dam Offspring Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015 , 70, 879-84 | 6.4 | 26 |
| 208 | Long-term variability of inflammatory markers and associated factors in a population-based cohort. <i>Journal of the American Geriatrics Society</i> , 2013 , 61, 1269-76 | 5.6 | 26 |
| 207 | Combined hyperlipidemia in relation to race/ethnicity, obesity, and insulin resistance in the Multi-Ethnic Study of Atherosclerosis. <i>Metabolism: Clinical and Experimental</i> , 2009 , 58, 212-9 | 12.7 | 26 |
| 206 | Sex and ethnic differences in the associations between lipoprotein(a) and peripheral arterial disease in the Multi-Ethnic Study of Atherosclerosis. <i>Journal of Vascular Surgery</i> , 2016 , 63, 453-8 | 3.5 | 25 |
| 205 | Residual atherosclerotic cardiovascular disease risk in statin-treated adults: The Multi-Ethnic Study of Atherosclerosis. <i>Journal of Clinical Lipidology</i> , 2017 , 11, 1223-1233 | 4.9 | 25 |
| 204 | The association of alpha-fibrinogen Thr312Ala polymorphism and venous thromboembolism in the LITE study. <i>Thrombosis Research</i> , 2007 , 121, 1-7 | 8.2 | 25 |
| 203 | Amniotic fluid phosphatidylglycerol in diabetic and control pregnant patients at different gestational lengths. <i>American Journal of Obstetrics and Gynecology</i> , 1984 , 149, 388-92 | 6.4 | 25 |
| 202 | A prospective study of erythrocyte polyunsaturated fatty acid, weight gain, and risk of becoming overweight or obese in middle-aged and older women. <i>European Journal of Nutrition</i> , 2016 , 55, 687-697 | 5.2 | 24 |
| 201 | Use of lipoprotein particle measures for assessing coronary heart disease risk post-American Heart Association/American College of Cardiology guidelines: the Multi-Ethnic Study of Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015 , 35, 448-54 | 9.4 | 24 |

| | | | |
|-----|---|------|----|
| 200 | 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, 410-9 | 5.9 | 24 |
| 199 | Genetic loci associated with circulating levels of very long-chain saturated fatty acids. <i>Journal of Lipid Research</i> , 2015 , 56, 176-84 | 6.3 | 24 |
| 198 | WDC1, the ortholog of <i>Drosophila</i> adipose gene, associates with human obesity, modulated by MUFA intake. <i>Obesity</i> , 2009 , 17, 593-600 | 8 | 24 |
| 197 | Hybridization of rabbit muscle and liver phosphofructokinases. <i>Archives of Biochemistry and Biophysics</i> , 1972 , 150, 407-11 | 4.1 | 24 |
| 196 | Race-Based Differences in Lipoprotein(a)-Associated Risk of Carotid Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019 , 39, 523-529 | 9.4 | 23 |
| 195 | Association Between Homocysteine and Vascular Calcification Incidence, Prevalence, and Progression in the MESA Cohort. <i>Journal of the American Heart Association</i> , 2020 , 9, e013934 | 6 | 23 |
| 194 | A prospective and longitudinal study of plasma phospholipid saturated fatty acid profile in relation to cardiometabolic biomarkers and the risk of gestational diabetes. <i>American Journal of Clinical Nutrition</i> , 2018 , 107, 1017-1026 | 7 | 23 |
| 193 | Clinical manifestations of mannosidosis—a longitudinal study. <i>American Journal of Medicine</i> , 1976 , 61, 841-8 | 2.4 | 23 |
| 192 | A Longitudinal Study of Thyroid Markers Across Pregnancy and the Risk of Gestational Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 2447-2456 | 5.6 | 23 |
| 191 | Preconception low dose aspirin and time to pregnancy: findings from the effects of aspirin in gestation and reproduction randomized trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, 1785-91 | 5.6 | 22 |
| 190 | Fine-mapping of lipid regions in global populations discovers ethnic-specific signals and refines previously identified lipid loci. <i>Human Molecular Genetics</i> , 2016 , 25, 5500-5512 | 5.6 | 22 |
| 189 | Gestational Diabetes Mellitus and Renal Function: A Prospective Study With 9- to 16-Year Follow-up After Pregnancy. <i>Diabetes Care</i> , 2018 , 41, 1378-1384 | 14.6 | 22 |
| 188 | Postprandial triacylglycerol metabolism is modified by the presence of genetic variation at the perilipin (PLIN) locus in 2 white populations. <i>American Journal of Clinical Nutrition</i> , 2008 , 87, 744-52 | 7 | 22 |
| 187 | Albuminuria, Lung Function Decline, and Risk of Incident Chronic Obstructive Pulmonary Disease. The NHLBI Pooled Cohorts Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 199, 321-332 | 10.2 | 22 |
| 186 | Vitamin D status during pregnancy and the risk of gestational diabetes mellitus: A longitudinal study in a multiracial cohort. <i>Diabetes, Obesity and Metabolism</i> , 2019 , 21, 1895-1905 | 6.7 | 21 |
| 185 | Associations of circulating very-long-chain saturated fatty acids and incident type 2 diabetes: a pooled analysis of prospective cohort studies. <i>American Journal of Clinical Nutrition</i> , 2019 , 109, 1216-1223 | 7 | 21 |
| 184 | Plasma concentrations of lipids during pregnancy and the risk of gestational diabetes mellitus: A longitudinal study. <i>Journal of Diabetes</i> , 2018 , 10, 487-495 | 3.8 | 21 |
| 183 | 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, 567-78 | 7 | 21 |

| | | | |
|-----|--|------|----|
| 182 | APOE genotype modifies the association between plasma omega-3 fatty acids and plasma lipids in the Multi-Ethnic Study of Atherosclerosis (MESA). <i>Atherosclerosis</i> , 2013 , 228, 181-7 | 3.1 | 21 |
| 181 | Variable number tandem repeat in exon/intron border of the cystathionine beta-synthase gene: a single nucleotide substitution in the second repeat prevents multiple alternate splicing. <i>American Journal of Medical Genetics Part A</i> , 2000 , 95, 385-90 | | 21 |
| 180 | ABO blood group associations with markers of endothelial dysfunction in the Multi-Ethnic Study of Atherosclerosis. <i>Atherosclerosis</i> , 2016 , 251, 422-429 | 3.1 | 20 |
| 179 | Hepatocyte Growth Factor Is Positively Associated With Risk of Stroke: The MESA (Multi-Ethnic Study of Atherosclerosis). <i>Stroke</i> , 2016 , 47, 2689-2694 | 6.7 | 20 |
| 178 | Lipids, obesity and gallbladder disease in women: insights from genetic studies using the cardiovascular gene-centric 50K SNP array. <i>European Journal of Human Genetics</i> , 2016 , 24, 106-12 | 5.3 | 20 |
| 177 | HbA Measured in the First Trimester of Pregnancy and the Association with Gestational Diabetes. <i>Scientific Reports</i> , 2018 , 8, 12249 | 4.9 | 20 |
| 176 | Association between adiponectin and heart failure risk in the physiciansRhealth study. <i>Obesity</i> , 2013 , 21, 831-4 | 8 | 20 |
| 175 | Effect of fenofibrate therapy and ABCA1 polymorphisms on high-density lipoprotein subclasses in the Genetics of Lipid Lowering Drugs and Diet Network. <i>Molecular Genetics and Metabolism</i> , 2010 , 100, 118-22 | 3.7 | 20 |
| 174 | Two siblings with biotin-resistant 3-methylcrotonyl-coenzyme A carboxylase deficiency. <i>Journal of Pediatrics</i> , 1989 , 115, 110-3 | 3.6 | 20 |
| 173 | Plasma phospholipid n-3 and n-6 polyunsaturated fatty acids in relation to cardiometabolic markers and gestational diabetes: A longitudinal study within the prospective NICHD Fetal Growth Studies. <i>PLoS Medicine</i> , 2019 , 16, e1002910 | 11.6 | 19 |
| 172 | The effect of IL6-174C/G polymorphism on postprandial triglyceride metabolism in the GOLDN studyboxes. <i>Journal of Lipid Research</i> , 2008 , 49, 1839-45 | 6.3 | 19 |
| 171 | The effect of prenatal dexamethasone on fetal rat lung prostaglandin synthesis. <i>Prostaglandins, Leukotrienes, and Medicine</i> , 1983 , 11, 171-7 | | 19 |
| 170 | Lp(a) [Lipoprotein(a)]-Related Risk of Heart Failure Is Evident in Whites but Not in Other Racial/Ethnic Groups. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018 , 38, 2498-2504 | 9.4 | 19 |
| 169 | Circulating oleic acid levels are related to greater risks of cardiovascular events and all-cause mortality: The Multi-Ethnic Study of Atherosclerosis. <i>Journal of Clinical Lipidology</i> , 2018 , 12, 1404-1412 | 4.9 | 19 |
| 168 | Plasma cis-vaccenic acid and risk of heart failure with antecedent coronary heart disease in male physicians. <i>Clinical Nutrition</i> , 2014 , 33, 478-82 | 5.9 | 18 |
| 167 | Inflammatory and endothelial dysfunction markers and proteinuria in persons with type 1 diabetes mellitus. <i>European Journal of Endocrinology</i> , 2010 , 162, 1101-5 | 6.5 | 18 |
| 166 | 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, 686-94 | 7 | 18 |
| 165 | Effect of two common polymorphisms in the ATP binding cassette transporter A1 gene on HDL-cholesterol concentration. <i>Clinical Chemistry</i> , 2005 , 51, 907-9 | 5.5 | 18 |

| | | | |
|-----|--|------|----|
| 164 | Trichothiodystrophy and associated anomalies: a variant of SIBIDS or new symptom complex?. <i>Pediatric Dermatology</i> , 1993 , 10, 117-22 | 1.9 | 18 |
| 163 | Identification of metabolites diagnostic for organic acidurias by simultaneous dual-column capillary gas chromatography. <i>Biomedical Applications</i> , 1985 , 341, 1-10 | | 18 |
| 162 | Fatty acids in the de novo lipogenesis pathway and incidence of type 2 diabetes: A pooled analysis of prospective cohort studies. <i>PLoS Medicine</i> , 2020 , 17, e1003102 | 11.6 | 17 |
| 161 | A comparison of three apolipoprotein B methods and their associations with incident coronary heart disease risk over a 12-year follow-up period: The Multi-Ethnic Study of Atherosclerosis. <i>Journal of Clinical Lipidology</i> , 2018 , 12, 300-304 | 4.9 | 17 |
| 160 | Hepatocyte growth factor is associated with progression of atherosclerosis: The Multi-Ethnic Study of Atherosclerosis (MESA). <i>Atherosclerosis</i> , 2018 , 272, 162-167 | 3.1 | 17 |
| 159 | Predicting Risk for Incident Heart Failure With Omega-3 Fatty Acids: From MESA. <i>JACC: Heart Failure</i> , 2019 , 7, 651-661 | 7.9 | 17 |
| 158 | Evaluation of Lipoprotein(a) Electrophoretic and Immunoassay Methods in Discriminating Risk of Calcific Aortic Valve Disease and Incident Coronary Heart Disease: The Multi-Ethnic Study of Atherosclerosis. <i>Clinical Chemistry</i> , 2017 , 63, 1705-1713 | 5.5 | 17 |
| 157 | Plasma phospholipid trans fatty acids and risk of heart failure. <i>American Journal of Clinical Nutrition</i> , 2013 , 97, 698-705 | 7 | 17 |
| 156 | Effects of fenofibrate on plasma oxidized LDL and 8-isoprostane in a sub-cohort of GOLDN participants. <i>Atherosclerosis</i> , 2011 , 214, 422-5 | 3.1 | 17 |
| 155 | Novel risk factors in long-term hypertension incidence in type 1 diabetes mellitus. <i>American Heart Journal</i> , 2010 , 159, 1074-80 | 4.9 | 17 |
| 154 | Associations of genetic variants in ATP-binding cassette A1 and cholesteryl ester transfer protein and differences in lipoprotein subclasses in the multi-ethnic study of atherosclerosis. <i>Clinical Chemistry</i> , 2009 , 55, 481-8 | 5.5 | 17 |
| 153 | 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, 842-8 | 4.1 | 17 |
| 152 | Effect of dexamethasone on fetal lung 15-hydroxy-prostaglandin dehydrogenase: possible mechanism for the prevention of patent ductus arteriosus by maternal dexamethasone therapy. <i>Prostaglandins, Leukotrienes, and Medicine</i> , 1987 , 27, 237-45 | | 17 |
| 151 | Assessment of postprandial triglycerides in clinical practice: Validation in a general population and coronary heart disease patients. <i>Journal of Clinical Lipidology</i> , 2016 , 10, 1163-71 | 4.9 | 17 |
| 150 | Apolipoprotein C-III and its defined lipoprotein subspecies in relation to incident diabetes: the Multi-Ethnic Study of Atherosclerosis. <i>Diabetologia</i> , 2019 , 62, 981-992 | 10.3 | 16 |
| 149 | Apolipoprotein B is associated with carotid atherosclerosis progression independent of individual cholesterol measures in a 9-year prospective study of Multi-Ethnic Study of Atherosclerosis participants. <i>Journal of Clinical Lipidology</i> , 2017 , 11, 1181-1191.e1 | 4.9 | 16 |
| 148 | Lack of association of soluble endothelial protein C receptor and PROCR 6936A/G polymorphism with the risk of venous thromboembolism in a prospective study. <i>British Journal of Haematology</i> , 2009 , 145, 221-6 | 4.5 | 16 |
| 147 | Associations of genetic polymorphisms of arachidonate 5-lipoxygenase-activating protein with risk of coronary artery disease in a European-American population. <i>Atherosclerosis</i> , 2009 , 207, 487-91 | 3.1 | 16 |

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|-----|--|-----|----|
| 146 | The shift of an increase in phosphofructokinase activity from protein synthesis-dependent to -independent mode during concanavalin A induced lymphocyte proliferation. <i>Biochemical and Biophysical Research Communications</i> , 1980 , 95, 13-9 | 3.4 | 16 |
| 145 | Rare copy number variants implicated in posterior urethral valves. <i>American Journal of Medical Genetics, Part A</i> , 2016 , 170, 622-33 | 2.5 | 16 |
| 144 | Rare copy number variants identified in prune belly syndrome. <i>European Journal of Medical Genetics</i> , 2018 , 61, 145-151 | 2.6 | 16 |
| 143 | Cholesterol, lipoproteins and subclinical interstitial lung disease: the MESA study. <i>Thorax</i> , 2017 , 72, 472-474 | 4.4 | 15 |
| 142 | Genome-wide association meta-analysis of fish and EPA+DHA consumption in 17 US and European cohorts. <i>PLoS ONE</i> , 2017 , 12, e0186456 | 3.7 | 15 |
| 141 | A clustering analysis of lipoprotein diameters in the metabolic syndrome. <i>Lipids in Health and Disease</i> , 2011 , 10, 237 | 4.4 | 15 |
| 140 | Clinical utility of genotyping the 677C>T variant of methylenetetrahydrofolate reductase in humans is decreased in the post-folic acid fortification era. <i>Journal of Nutrition</i> , 2009 , 139, 33-7 | 4.1 | 15 |
| 139 | Associations of the beta-fibrinogen Hae III and factor XIII Val34Leu gene variants with venous thrombosis. <i>Thrombosis Research</i> , 2007 , 121, 339-45 | 8.2 | 15 |
| 138 | Genome-Wide Association Study Highlights as a Novel Locus for Lipoprotein(a) Levels-Brief Report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021 , 41, 458-464 | 9.4 | 14 |
| 137 | Analysis of family- and population-based samples in cohort genome-wide association studies. <i>Human Genetics</i> , 2012 , 131, 275-87 | 6.3 | 14 |
| 136 | Screening for gene deletions and known mutations in 13 patients with ornithine transcarbamylase deficiency. <i>Biochemical Medicine and Metabolic Biology</i> , 1992 , 47, 250-9 | | 14 |
| 135 | Remnant cholesterol predicts cardiovascular disease beyond LDL and ApoB: a primary prevention study. <i>European Heart Journal</i> , 2021 , 42, 4324-4332 | 9.5 | 14 |
| 134 | Maternal adipokines longitudinally measured across pregnancy and their associations with neonatal size, length, and adiposity. <i>International Journal of Obesity</i> , 2019 , 43, 1422-1434 | 5.5 | 14 |
| 133 | Plasma vitamin D-binding protein and risk of heart failure in male physicians. <i>American Journal of Cardiology</i> , 2013 , 112, 827-30 | 3 | 13 |
| 132 | Plasma phospholipid saturated fatty acids and heart failure risk in the Physicians'Health Study. <i>Clinical Nutrition</i> , 2013 , 32, 819-23 | 5.9 | 13 |
| 131 | Soluble P-selectin predicts lower extremity peripheral artery disease incidence and change in the ankle brachial index: the Multi-Ethnic Study of Atherosclerosis (MESA). <i>Atherosclerosis</i> , 2015 , 239, 405-11 | 3.1 | 13 |
| 130 | Cis-vaccenic acid and the Framingham risk score predict chronic kidney disease: the multi-ethnic study of atherosclerosis (MESA). <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2012 , 86, 175-82 | 2.8 | 13 |
| 129 | Polygenic association with total homocysteine in the post-folic acid fortification era: the CARDIA study. <i>Molecular Genetics and Metabolism</i> , 2009 , 98, 181-6 | 3.7 | 13 |

| | | | |
|-----|--|------|----|
| 128 | Fetal rat lung phosphatidylcholine synthesis in diabetic and normal pregnancies: a comparison of prenatal dexamethasone treatments. <i>Lipids and Lipid Metabolism</i> , 1981 , 664, 174-81 | | 13 |
| 127 | The Relationship of Retinal Vessel Geometric Characteristics to the Incidence and Progression of Diabetic Retinopathy. <i>Ophthalmology</i> , 2018 , 125, 1784-1792 | 7.3 | 13 |
| 126 | Hepatocyte growth factor demonstrates racial heterogeneity as a biomarker for coronary heart disease. <i>Heart</i> , 2017 , 103, 1185-1193 | 5.1 | 12 |
| 125 | Discovery and fine-mapping of loci associated with MUFAs through trans-ethnic meta-analysis in Chinese and European populations. <i>Journal of Lipid Research</i> , 2017 , 58, 974-981 | 6.3 | 12 |
| 124 | n-3 and n-6 Fatty acids are independently associated with lipoprotein-associated phospholipase A2 in the Multi-Ethnic Study of Atherosclerosis. <i>British Journal of Nutrition</i> , 2013 , 110, 1664-71 | 3.6 | 12 |
| 123 | Plasma homocysteine levels in living kidney donors before and after uninephrectomy. <i>Translational Research</i> , 2004 , 143, 340-3 | | 12 |
| 122 | Moderate hyperhomocysteinemia and cardiovascular disease. <i>Translational Research</i> , 2000 , 135, 16-25 | | 12 |
| 121 | Delayed pulmonary phosphatidylglycerol synthesis and reversal by prenatal dexamethasone in fetal rats of streptozotocin-diabetic mothers. <i>Experimental Lung Research</i> , 1983 , 4, 315-23 | 2.3 | 12 |
| 120 | Disturbance of pulmonary prostaglandin metabolism in fetuses of alloxan-diabetic rabbits. <i>Lipids and Lipid Metabolism</i> , 1982 , 712, 395-9 | | 12 |
| 119 | Brain Aging in Midlife: The Beaver Dam Offspring Study. <i>Journal of the American Geriatrics Society</i> , 2019 , 67, 1610-1616 | 5.6 | 11 |
| 118 | n-3 Fatty acids attenuate the risk of diabetes associated with elevated serum nonesterified fatty acids: the multi-ethnic study of atherosclerosis. <i>Diabetes Care</i> , 2015 , 38, 575-80 | 14.6 | 11 |
| 117 | Associations between omega-6 polyunsaturated fatty acids, hyperinsulinemia and incident diabetes by race/ethnicity: The Multi-Ethnic Study of Atherosclerosis. <i>Clinical Nutrition</i> , 2020 , 39, 3031-3041 | 5.9 | 11 |
| 116 | The prospective association of Chlamydia pneumoniae and four other pathogens with development of coronary artery calcium: the multi-ethnic study of atherosclerosis (MESA). <i>Atherosclerosis</i> , 2013 , 230, 268-74 | 3.1 | 11 |
| 115 | Associations of plasma phospholipid omega-6 and omega-3 polyunsaturated Fatty Acid levels and MRI measures of cardiovascular structure and function: the multiethnic study of atherosclerosis. <i>Journal of Nutrition and Metabolism</i> , 2011 , 2011, 315134 | 2.7 | 11 |
| 114 | Erythrocyte fatty acid composition is associated with the risk of hypertension in middle-aged and older women. <i>Journal of Nutrition</i> , 2011 , 141, 1691-7 | 4.1 | 11 |
| 113 | Characterization of mutations in the cystathionine beta-synthase gene in Irish patients with homocystinuria. <i>Molecular Genetics and Metabolism</i> , 1998 , 65, 298-302 | 3.7 | 11 |
| 112 | Reduced plasma haptoglobin and urinary taurine in familial seizures identified through the multisib strategy. <i>American Journal of Medical Genetics Part A</i> , 1986 , 24, 723-34 | | 11 |
| 111 | The Relationship of Serum Soluble Receptor for Advanced Glycation End Products (sRAGE) and Carboxymethyl Lysine (CML) to the Incidence of Diabetic Nephropathy in Persons With Type 1 Diabetes. <i>Diabetes Care</i> , 2017 , 40, e117-e119 | 14.6 | 10 |

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|-----|---|------|----|
| 110 | Plasma n-3 and n-6 Fatty Acids Are Differentially Related to Carotid Plaque and Its Progression: The Multi-Ethnic Study of Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018 , 38, 653-659 | 9.4 | 10 |
| 109 | Epistatic study reveals two genetic interactions in blood pressure regulation. <i>BMC Medical Genetics</i> , 2013 , 14, 2 | 2.1 | 10 |
| 108 | The relation between erythrocyte trans fat and triglyceride, VLDL- and HDL-cholesterol concentrations depends on polyunsaturated fat. <i>PLoS ONE</i> , 2012 , 7, e47430 | 3.7 | 10 |
| 107 | Prospective study of polymorphisms of the protein Z-dependent protease inhibitor and risk of venous thromboembolism. <i>Thrombosis and Haemostasis</i> , 2007 , 97, 493-494 | 7 | 10 |
| 106 | Discordance between N-acetyltransferase 2 phenotype and genotype in a population of Hmong subjects. <i>Journal of Clinical Pharmacology</i> , 2006 , 46, 802-11 | 2.9 | 10 |
| 105 | Apolipoprotein B discordance with low-density lipoprotein cholesterol and non-high-density lipoprotein cholesterol in relation to coronary artery calcification in the Multi-Ethnic Study of Atherosclerosis (MESA). <i>Journal of Clinical Lipidology</i> , 2020 , 14, 109-121.e5 | 4.9 | 10 |
| 104 | Adipokines in early and mid-pregnancy and subsequent risk of gestational diabetes: a longitudinal study in a multiracial cohort. <i>BMJ Open Diabetes Research and Care</i> , 2020 , 8, | 4.5 | 10 |
| 103 | Assessment of Coronary Artery Calcium Scoring to Guide Statin Therapy Allocation According to Risk-Enhancing Factors: The Multi-Ethnic Study of Atherosclerosis. <i>JAMA Cardiology</i> , 2021 , 6, 1161-1170 | 16.2 | 10 |
| 102 | Genome-wide association meta-analysis of circulating odd-numbered chain saturated fatty acids: Results from the CHARGE Consortium. <i>PLoS ONE</i> , 2018 , 13, e0196951 | 3.7 | 10 |
| 101 | Genetic associations with lipoprotein subfraction measures differ by ethnicity in the multi-ethnic study of atherosclerosis (MESA). <i>Human Genetics</i> , 2017 , 136, 715-726 | 6.3 | 9 |
| 100 | Oxidized Low-density Lipoprotein and the Incidence of Age-related Macular Degeneration. <i>Ophthalmology</i> , 2019 , 126, 752-758 | 7.3 | 9 |
| 99 | Plasma and serum L-selectin and clinical and subclinical cardiovascular disease: the Multi-Ethnic Study of Atherosclerosis (MESA). <i>Translational Research</i> , 2014 , 163, 585-92 | 11 | 9 |
| 98 | Repeated versus single measurement of plasma omega-3 fatty acids and risk of heart failure. <i>European Journal of Nutrition</i> , 2014 , 53, 1403-8 | 5.2 | 9 |
| 97 | N-terminal pro B-type natriuretic peptide predicts mortality in patients with left ventricular hypertrophy. <i>International Journal of Cardiology</i> , 2010 , 143, 349-52 | 3.2 | 9 |
| 96 | Suggestion for linkage of chromosome 1p35.2 and 3q28 to plasma adiponectin concentrations in the GOLDN Study. <i>BMC Medical Genetics</i> , 2009 , 10, 39 | 2.1 | 9 |
| 95 | TCF7L2 polymorphisms and inflammatory markers before and after treatment with fenofibrate. <i>Diabetology and Metabolic Syndrome</i> , 2009 , 1, 16 | 5.6 | 9 |
| 94 | Identification of a splice site mutation in the cystathionine beta-synthase gene resulting in variable and novel splicing defects of pre-mRNA. <i>Biochemical and Molecular Medicine</i> , 1997 , 61, 9-15 | | 9 |
| 93 | Studies of phenylketonurics with dermatitis. <i>Journal of the American Academy of Dermatology</i> , 1981 , 4, 284-90 | 4.5 | 9 |

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|----|--|------|---|
| 92 | Distribution of phosphofructokinase isozymes in rabbit, mouse, guinea pig and rat. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1975 , 52, 315-9 | | 9 |
| 91 | A kinetic model for phosphofructokinase based on the paradoxical action of effectors. <i>Biochemical and Biophysical Research Communications</i> , 1976 , 68, 942-8 | 3.4 | 9 |
| 90 | High-Sensitivity C-Reactive Protein Modifies the Cardiovascular Risk of Lipoprotein(a): Multi-Ethnic Study of Atherosclerosis. <i>Journal of the American College of Cardiology</i> , 2021 , 78, 1083-1094 | 15.1 | 9 |
| 89 | Multi-ethnic analysis reveals soluble L-selectin may be post-transcriptionally regulated by 3RTR polymorphism: the Multi-Ethnic Study of Atherosclerosis (MESA). <i>Human Genetics</i> , 2015 , 134, 393-403 | 6.3 | 8 |
| 88 | Trans-ethnic meta-analysis of genome-wide association studies identifies maternal ITPR1 as a novel locus influencing fetal growth during sensitive periods in pregnancy. <i>PLoS Genetics</i> , 2020 , 16, e1008747 | 6 | 8 |
| 87 | Impact of adiposity on cellular adhesion: The Multi-Ethnic Study of atherosclerosis (MESA). <i>Obesity</i> , 2016 , 24, 223-30 | 8 | 8 |
| 86 | Longitudinal measures of maternal vitamin D and neonatal body composition. <i>European Journal of Clinical Nutrition</i> , 2019 , 73, 424-431 | 5.2 | 8 |
| 85 | Genome-wide association studies identified novel loci for non-high-density lipoprotein cholesterol and its postprandial lipemic response. <i>Human Genetics</i> , 2014 , 133, 919-30 | 6.3 | 8 |
| 84 | Trans-ethnic meta-analysis identifies common and rare variants associated with hepatocyte growth factor levels in the Multi-Ethnic Study of Atherosclerosis (MESA). <i>Annals of Human Genetics</i> , 2015 , 79, 264-74 | 2.2 | 8 |
| 83 | Lipoprotein (a) and coronary artery calcification: prospective study assessing interactions with other risk factors. <i>Metabolism: Clinical and Experimental</i> , 2021 , 116, 154706 | 12.7 | 8 |
| 82 | Measured maternal prepregnancy anthropometry and newborn DNA methylation. <i>Epigenomics</i> , 2019 , 11, 187-198 | 4.4 | 8 |
| 81 | Associations of ω Fatty Acids With Interstitial Lung Disease and Lung Imaging Abnormalities Among Adults. <i>American Journal of Epidemiology</i> , 2021 , 190, 95-108 | 3.8 | 8 |
| 80 | Increased hepatocyte growth factor levels over 2 years are associated with coronary heart disease: the Multi-Ethnic Study of Atherosclerosis (MESA). <i>American Heart Journal</i> , 2019 , 213, 30-34 | 4.9 | 7 |
| 79 | Association of FADS1/2 Locus Variants and Polyunsaturated Fatty Acids With Aortic Stenosis. <i>JAMA Cardiology</i> , 2020 , 5, 694-702 | 16.2 | 7 |
| 78 | Lipoprotein lipase S447X variant associated with VLDL, LDL and HDL diameter clustering in the MetS. <i>Lipids in Health and Disease</i> , 2011 , 10, 143 | 4.4 | 7 |
| 77 | Cystatin C Is an Independent Predictor of Fasting and Post-Methionine Load Total Homocysteine Concentrations among Stable Renal Transplant Recipients. <i>Clinical Chemistry</i> , 2001 , 47, 1263-1268 | 5.5 | 7 |
| 76 | Glucocorticoid and prostaglandin: lack of an inhibitory effect by dexamethasone on the synthesis of 6-ketoprostaglandin F1 alpha in rat lung. <i>Prostaglandins, Leukotrienes, and Medicine</i> , 1987 , 28, 119-25 | | 7 |
| 75 | Cystathionine β synthase mutations in homocystinuria 1999 , 13, 362 | | 7 |

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|----|---|------|---|
| 74 | Meta-analysis of genome-wide association studies identifies three novel loci for saturated fatty acids in East Asians. <i>European Journal of Nutrition</i> , 2017 , 56, 1477-1484 | 5.2 | 6 |
| 73 | Evaluating the Potential Association Between Lipoprotein(a) and Atherosclerosis (from the Mediators of Atherosclerosis Among South Asians Living in America Cohort). <i>American Journal of Cardiology</i> , 2019 , 123, 919-921 | 3 | 6 |
| 72 | Prospective study of gestational diabetes and fatty liver scores 9 to 16 years after pregnancy. <i>Journal of Diabetes</i> , 2019 , 11, 895-905 | 3.8 | 6 |
| 71 | Plasma Prolactin and Progesterone Levels and the Risk of Gestational Diabetes: A Prospective and Longitudinal Study in a Multiracial Cohort. <i>Frontiers in Endocrinology</i> , 2020 , 11, 83 | 5.7 | 6 |
| 70 | Short-term fenofibrate treatment reduces elevated plasma Lp-PLA2 mass and sVCAM-1 levels in a subcohort of hypertriglyceridemic GOLDN participants. <i>Translational Research</i> , 2011 , 158, 99-105 | 11 | 6 |
| 69 | APOC3 mutation, serum triglyceride concentrations, and coronary heart disease. <i>Clinical Chemistry</i> , 2009 , 55, 1274-6 | 5.5 | 6 |
| 68 | Absence of ABCA1 mutations in individuals with low serum HDL-cholesterol. <i>Clinical Chemistry</i> , 2003 , 49, 521-2 | 5.5 | 6 |
| 67 | Short-term variability in the measurement of plasma homocysteine, fasting and post-methionine loading. <i>Clinical Biochemistry</i> , 2001 , 34, 49-52 | 3.5 | 6 |
| 66 | Semen studies on phenylketonurics. <i>Biochemical Medicine</i> , 1981 , 26, 427-34 | | 6 |
| 65 | Molecular Organization and Function of the Human Genome 1977 , 1-33 | | 6 |
| 64 | Neuroprotective Biomarkers and Cognitive Function in a Long-Term Prospective Population-based Study of Aging US Adults. <i>Alzheimer Disease and Associated Disorders</i> , 2020 , 34, 31-39 | 2.5 | 6 |
| 63 | Lipoprotein (a) and aortic valve calcium in South Asians compared to other race/ethnic groups. <i>Atherosclerosis</i> , 2020 , 313, 14-19 | 3.1 | 6 |
| 62 | Retinol-Binding Protein 4 and Lipids Prospectively Measured During Early to Mid-Pregnancy in Relation to Preeclampsia and Preterm Birth Risk. <i>American Journal of Hypertension</i> , 2017 , 30, 569-576 | 2.3 | 5 |
| 61 | Oxidized Low-Density Lipoprotein and the Incidence of Proliferative Diabetic Retinopathy and Clinically Significant Macular Edema Determined From Fundus Photographs. <i>JAMA Ophthalmology</i> , 2015 , 133, 1054-61 | 3.9 | 5 |
| 60 | Omega-6 fatty acids and risk of heart failure in the PhysiciansRHealth Study. <i>American Journal of Clinical Nutrition</i> , 2013 , 97, 66-71 | 7 | 5 |
| 59 | Effect of prenatal dexamethasone on immunoreactive 6-ketoprostaglandin F1 alpha levels in fetal rat lungs. <i>Pediatric Research</i> , 1984 , 18, 908-11 | 3.2 | 5 |
| 58 | Chromosome Xq23 is associated with lower atherogenic lipid concentrations and favorable cardiometabolic indices. <i>Nature Communications</i> , 2021 , 12, 2182 | 17.4 | 5 |
| 57 | Acculturation and Plasma Fatty Acid Concentrations in Hispanic and Chinese-American Adults: The Multi-Ethnic Study of Atherosclerosis. <i>PLoS ONE</i> , 2016 , 11, e0149267 | 3.7 | 5 |

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|----|--|------|---|
| 56 | 5-Lipoxygenase Gene Variants Are Not Associated With Atherosclerosis or Incident Coronary Heart Disease in the Multi-Ethnic Study of Atherosclerosis Cohort. <i>Journal of the American Heart Association</i> , 2016 , 5, e002814 | 6 | 5 |
| 55 | Omega-3 Fatty Acids and Genome-Wide Interaction Analyses Reveal DPP10-Pulmonary Function Association. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 199, 631-642 | 10.2 | 5 |
| 54 | Plasma phospholipid very-long-chain SFAs in midlife and 20-year cognitive change in the Atherosclerosis Risk in Communities (ARIC): a cohort study. <i>American Journal of Clinical Nutrition</i> , 2020 , 111, 1252-1258 | 7 | 5 |
| 53 | Lipoprotein (a) and risk for calcification of the coronary arteries, mitral valve, and thoracic aorta: The Multi-Ethnic Study of Atherosclerosis. <i>Journal of Cardiovascular Computed Tomography</i> , 2021 , 15, 154-160 | 2.8 | 5 |
| 52 | Atherothrombotic factors and atherosclerotic cardiovascular events: the multi-ethnic study of atherosclerosis. <i>European Heart Journal</i> , 2021 , | 9.5 | 5 |
| 51 | Independent Association of Lipoprotein(a) and Coronary Artery Calcification With Atherosclerotic Cardiovascular Risk.. <i>Journal of the American College of Cardiology</i> , 2022 , 79, 757-768 | 15.1 | 5 |
| 50 | Lp(a) (Lipoprotein [a]) and Risk for Incident Atrial Fibrillation: Multi-Ethnic Study of Atherosclerosis. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020 , 13, e008401 | 6.4 | 4 |
| 49 | Sex Hormone-binding Globulin, Cardiometabolic Biomarkers, and Gestational Diabetes: A Longitudinal Study and Meta-analysis. <i>Maternal-Fetal Medicine</i> , 2020 , 2, 2-9 | 0.6 | 4 |
| 48 | Plasma Fatty Acids in Zambian Adults with HIV/AIDS: Relation to Dietary Intake and Cardiovascular Risk Factors. <i>Journal of Nutrition and Metabolism</i> , 2015 , 2015, 635817 | 2.7 | 4 |
| 47 | Lipoprotein subclasses: a changing landscape. <i>Current Cardiovascular Risk Reports</i> , 2008 , 2, 23-28 | 0.9 | 4 |
| 46 | Hepatic mitochondrial enzyme activity and serum amino acid composition in rats treated with tumor necrosis factor. <i>Life Sciences</i> , 1995 , 56, 621-7 | 6.8 | 4 |
| 45 | Association of oxidative stress with mortality: the Beaver Dam Eye Study. <i>Oxidants and Antioxidants in Medical Science</i> , 2012 , 1, 161-167 | 0 | 4 |
| 44 | Cadmium, obesity, and education, and the 10-year incidence of hearing impairment: The beaver dam offspring study. <i>Laryngoscope</i> , 2020 , 130, 1396-1401 | 3.6 | 4 |
| 43 | Pilot study of placental tissue collection, processing, and measurement procedures for large scale assessment of placental inflammation. <i>PLoS ONE</i> , 2018 , 13, e0197039 | 3.7 | 4 |
| 42 | ABO blood group is associated with peripheral arterial disease in African Americans: The Multi-Ethnic Study of Atherosclerosis (MESA). <i>Thrombosis Research</i> , 2017 , 153, 1-6 | 8.2 | 3 |
| 41 | A family-specific linkage analysis of blood lipid response to fenofibrate in the Genetics of Lipid Lowering Drug and Diet Network. <i>Pharmacogenetics and Genomics</i> , 2015 , 25, 511-4 | 1.9 | 3 |
| 40 | Serum cystatin C and the incidence of hypertension in type 1 diabetes mellitus. <i>American Journal of Hypertension</i> , 2011 , 24, 59-63 | 2.3 | 3 |
| 39 | Screening urine of 3-week-old newborns: transient methylmalonic and hydroxyphenyllactic aciduria. <i>Biochemical Medicine and Metabolic Biology</i> , 1992 , 48, 64-8 | | 3 |

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|----|---|-----|---|
| 38 | Identification of human DNA sequences complementary to chromosomal RNA with an improved RNA/DNA gradient hybridization technique. <i>Nucleic Acids and Protein Synthesis</i> , 1977 , 475, 417-23 | | 3 |
| 37 | Free fatty acids, cardiovascular disease, and mortality in the Multi-Ethnic Study of Atherosclerosis. <i>Journal of Clinical Lipidology</i> , 2020 , 14, 531-541 | 4.9 | 3 |
| 36 | Performance of novel low-density lipoprotein-cholesterol calculation methods in predicting clinical and subclinical atherosclerotic cardiovascular disease risk: The Multi-Ethnic Study of Atherosclerosis. <i>Atherosclerosis</i> , 2021 , 327, 1-4 | 3.1 | 3 |
| 35 | Impact of Amerind ancestry and FADS genetic variation on omega-3 deficiency and cardiometabolic traits in Hispanic populations. <i>Communications Biology</i> , 2021 , 4, 918 | 6.7 | 3 |
| 34 | Conception by fertility treatment and offspring deoxyribonucleic acid methylation. <i>Fertility and Sterility</i> , 2021 , 116, 493-504 | 4.8 | 3 |
| 33 | A longitudinal study of plasma acylcarnitines throughout pregnancy and associations with risk of gestational diabetes mellitus. <i>Clinical Nutrition</i> , 2021 , 40, 4863-4870 | 5.9 | 3 |
| 32 | Low high-density lipoprotein cholesterol and particle concentrations are associated with greater levels of endothelial activation markers in Multi-Ethnic Study of Atherosclerosis participants. <i>Journal of Clinical Lipidology</i> , 2017 , 11, 955-963.e3 | 4.9 | 2 |
| 31 | Long chain n-3 polyunsaturated fatty acids are not associated with circulating T-helper type 1 cells: Results from the Multi-Ethnic Study of Atherosclerosis (MESA). <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2017 , 125, 37-42 | 2.8 | 2 |
| 30 | Elevated Levels of Adhesion Proteins Are Associated With Low Ankle-Brachial Index. <i>Angiology</i> , 2017 , 68, 322-329 | 2.1 | 2 |
| 29 | Single-strand conformational polymorphisms (SSCP): studies of the genetic polymorphisms of exon 4 of apolipoprotein C III. <i>Clinical Biochemistry</i> , 1995 , 28, 303-7 | 3.5 | 2 |
| 28 | Comparison of Postprandial Responses to a High-Fat Meal in Hypertriglyceridemic Men and Women before and after Treatment with Fenofibrate in the Genetics and Lipid Lowering Drugs and Diet Network (GOLDN) Study 2010 , 2010, 485146 | | 2 |
| 27 | PHYSIOLOGICAL SIGNIFICANCE OF PHOSPHOFRUCTOKINASE ISOZYMES 1975 , 819-835 | | 2 |
| 26 | Rare coding variants in 35 genes associate with circulating lipid levels in a multi-ancestry analysis of 170,000 exomes | | 2 |
| 25 | Plasma n-3 and n-6 PUFA Concentrations and Risk of Atrial Fibrillation: The Multi-Ethnic Study of Atherosclerosis. <i>Journal of Nutrition</i> , 2021 , 151, 1479-1486 | 4.1 | 2 |
| 24 | Association Between Omega-3 Fatty Acid Levels and Risk for Incident Major Bleeding Events and Atrial Fibrillation: MESA. <i>Journal of the American Heart Association</i> , 2021 , 10, e021431 | 6 | 2 |
| 23 | Vascular biomarkers to predict response to exercise in Alzheimer's disease: the study protocol. <i>BMJ Open</i> , 2016 , 6, e011054 | 3 | 2 |
| 22 | Lp-PLA2, scavenger receptor class B type I gene (SCARB1) rs10846744 variant, and cardiovascular disease. <i>PLoS ONE</i> , 2018 , 13, e0204352 | 3.7 | 2 |
| 21 | Genetic risk scores associated with baseline lipoprotein subfraction concentrations do not associate with their responses to fenofibrate. <i>Biology</i> , 2014 , 3, 536-50 | 4.9 | 1 |

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|----|---|-----|---|
| 20 | Verified predominance of slow acetylator phenotype N-acetyltransferase 2 (NAT2) in a Hmong population residing in Minnesota. <i>Biopharmaceutics and Drug Disposition</i> , 2006 , 27, 299-304 | 1.7 | 1 |
| 19 | The occurrence of phenylketonuria and galactosemia within the same family. <i>Clinical Pediatrics</i> , 1985 , 24, 456-8 | 1.2 | 1 |
| 18 | Disaturated phosphatidylcholine as a fetal lung maturity test: lack of interference by seminal ejaculate as a contaminant in vaginally pooled amniotic fluid samples. <i>American Journal of Obstetrics and Gynecology</i> , 1986 , 155, 101-2 | 6.4 | 1 |
| 17 | Longitudinal Decline on the Dichotic Digits Test. <i>American Journal of Audiology</i> , 2020 , 29, 862-872 | 1.8 | 1 |
| 16 | Association Between Adiponectin and Heart Failure Risk in the PhysiciansRHealth Study. <i>Obesity</i> , | 8 | 1 |
| 15 | Associations of D-Dimer with Computed Tomographic Lung Abnormalities, Serum Biomarkers of Lung Injury, and Forced Vital Capacity: MESA Lung Study. <i>Annals of the American Thoracic Society</i> , 2021 , 18, 1839-1848 | 4.7 | 1 |
| 14 | Blood group antigen loci demonstrate multivariate genetic associations with circulating cellular adhesion protein levels in the Multi-Ethnic Study of Atherosclerosis. <i>Human Genetics</i> , 2016 , 135, 415-423 | 6.3 | 1 |
| 13 | A Prospective Study of Leukocyte Telomere Length and Risk of Gestational Diabetes in a Multiracial Cohort. <i>Epidemiology</i> , 2019 , 30 Suppl 2, S10-S16 | 3.1 | 1 |
| 12 | Lipoprotein (a) and the risk of elevated depressive symptoms: The Multi-Ethnic Study of Atherosclerosis. <i>Journal of Psychiatric Research</i> , 2021 , 133, 119-124 | 5.2 | 1 |
| 11 | Longitudinal Plasma Metabolomics Profile in Pregnancy-A Study in an Ethnically Diverse U.S. Pregnancy Cohort. <i>Nutrients</i> , 2021 , 13, | 6.7 | 1 |
| 10 | Association of plasma Ω fatty acids with early age-related macular degeneration in the Multi-Ethnic Study of Atherosclerosis (MESA).. <i>Retina</i> , 2022 , | 3.6 | 1 |
| 9 | Interpreting Clinical Trials With Omega-3 Supplements in the Context of Ancestry and Genetic Variation.. <i>Frontiers in Nutrition</i> , 2021 , 8, 808054 | 6.2 | 0 |
| 8 | Longitudinal Metabolomic Profile Trajectories in Healthy Pregnancy and Variation by BMI and Fetal Sex. <i>Current Developments in Nutrition</i> , 2020 , 4, 1041-1041 | 0.4 | 0 |
| 7 | Free fatty acids and heart failure in the Multi-Ethnic Study of Atherosclerosis (MESA). <i>Journal of Clinical Lipidology</i> , 2021 , 15, 608-617 | 4.9 | 0 |
| 6 | Changes of Plasma Phospholipid Fatty Acids Profiles in Pregnancy in Relation to the Diagnosis and Treatment of Gestational Diabetes Mellitus. <i>Clinical Chemistry</i> , 2021 , 67, 1660-1675 | 5.5 | 0 |
| 5 | Maternal Proinflammatory Adipokines Throughout Pregnancy and Neonatal Size and Body Composition: A Prospective Study. <i>Current Developments in Nutrition</i> , 2021 , 5, nzab113 | 0.4 | 0 |
| 4 | Adhesion pathway proteins and risk of atrial fibrillation in the Multi-Ethnic Study of Atherosclerosis. <i>BMC Cardiovascular Disorders</i> , 2021 , 21, 436 | 2.3 | 0 |
| 3 | Reply to Sbarra et al. <i>American Journal of Obstetrics and Gynecology</i> , 1984 , 148, 1154 | 6.4 | |

- 2 Plasma omega-3 and saturated fatty acids are differentially related to pericardial adipose tissue volume across race/ethnicity: the Multi-ethnic Study of Atherosclerosis. *European Journal of Clinical Nutrition*, **2021**, 75, 1237-1244 5.2

- 1 P3-588: BRAIN-DERIVED NEUROTROPHIC FACTOR AND THE INCIDENCE OF COGNITIVE IMPAIRMENT IN THE EPIDEMIOLOGY OF HEARING LOSS STUDY **2018**, 14, P1351-P1352