Sekar Kathiresan

List of Publications by Citations

168 papers	36,635 citations	75 h-index	177 g-index
177 ext. papers	49,028 ext. citations	21 avg, IF	6.58 L-index

#	Paper	IF	Citations
168	Analysis of protein-coding genetic variation in 60,706 humans. *Nature*, **2016**, 536, 285-91	50.4	6940
167	Biological, clinical and population relevance of 95 loci for blood lipids. *Nature*, **2010**, 466, 707-13	50.4	2742
166	The mutational constraint spectrum quantified from variation in 141,456 humans. *Nature*, **2020**, 581, 434-443	50.4	2278
165	Large-scale association analysis identifies 13 new susceptibility loci for coronary artery disease. *Nature Genetics*, **2011**, 43, 333-8	36.3	1394
164	A comprehensive 1,000 Genomes-based genome-wide association meta-analysis of coronary artery disease. *Nature Genetics*, **2015**, 47, 1121-1130	36.3	1290
163	Six new loci associated with blood low-density lipoprotein cholesterol, high-density lipoprotein cholesterol or triglycerides in humans. *Nature Genetics*, **2008**, 40, 189-97	36.3	1108
162	Common variants at 30 loci contribute to polygenic dyslipidemia. *Nature Genetics*, **2009**, 41, 56-65	36.3	1095
161	Genome-wide polygenic scores for common diseases identify individuals with risk equivalent to monogenic mutations. *Nature Genetics*, **2018**, 50, 1219-1224	36.3	1073
160	Clonal Hematopoiesis and Risk of Atherosclerotic Cardiovascular Disease. *New England Journal of Medicine*, **2017**, 377, 111-121	59.2	991
159	Loss-of-function mutations in APOC3, triglycerides, and coronary disease. *New England Journal of Medicine*, **2014**, 371, 22-31	59.2	721
158	Modeling Linkage Disequilibrium Increases Accuracy of Polygenic Risk Scores. *American Journal of Human Genetics*, **2015**, 97, 576-92	11	649
157	Genetic Risk, Adherence to a Healthy Lifestyle, and Coronary Disease. *New England Journal of Medicine*, **2016**, 375, 2349-2358	59.2	601
156	Common variants associated with plasma triglycerides and risk for coronary artery disease. *Nature Genetics*, **2013**, 45, 1345-52	36.3	597
155	Polymorphisms associated with cholesterol and risk of cardiovascular events. *New England Journal of Medicine*, **2008**, 358, 1240-9	59.2	534
154	Exome sequencing identifies rare LDLR and APOA5 alleles conferring risk for myocardial infarction. *Nature*, **2015**, 518, 102-6	50.4	463
153	Diagnostic Yield and Clinical Utility of Sequencing Familial Hypercholesterolemia Genes in Patients With Severe Hypercholesterolemia. *Journal of the American College of Cardiology*, **2016**, 67, 2578-89	15.1	458
152	HMG-coenzyme A reductase inhibition, type 2 diabetes, and bodyweight: evidence from genetic analysis and randomised trials. *Lancet, The*, **2015**, 385, 351-61	40	409

151	Identification of ADAMTS7 as a novel locus for coronary atherosclerosis and association of ABO with myocardial infarction in the presence of coronary atherosclerosis: two genome-wide association studies. *Lancet, The*, **2011**, 377, 383-92	40	399
150	Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. *Nature Genetics*, **2018**, 50, 1412-1425	36.3	386
149	Genetic risk, coronary heart disease events, and the clinical benefit of statin therapy: an analysis of primary and secondary prevention trials. *Lancet, The*, **2015**, 385, 2264-2271	40	371
148	Loss-of-function mutations in SLC30A8 protect against type 2 diabetes. *Nature Genetics*, **2014**, 46, 357-63	36.3	351
147	Rare variant in scavenger receptor BI raises HDL cholesterol and increases risk of coronary heart disease. *Science*, **2016**, 351, 1166-71	33.3	325
146	Exome-wide association study of plasma lipids in >300,000 individuals. *Nature Genetics*, **2017**, 49, 1758-1766	36.3	310
145	Genetics of human cardiovascular disease. *Cell*, **2012**, 148, 1242-57	56.2	296
144	Multi-ethnic genome-wide association study for atrial fibrillation. *Nature Genetics*, **2018**, 50, 1225-1233	36.3	277
143	Genetics of coronary artery disease: discovery, biology and clinical translation. *Nature Reviews Genetics*, **2017**, 18, 331-344	30.1	267
142	Polygenic Prediction of Weight and Obesity Trajectories from Birth to Adulthood. *Cell*, **2019**, 177, 587-596.e9	56.2	265
141	Genetics of blood lipids among ~300,000 multi-ethnic participants of the Million Veteran Program. *Nature Genetics*, **2018**, 50, 1514-1523	36.3	260
140	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. *Nature Genetics*, **2016**, 48, 1171-1184	36.3	251
139	Shared genetic susceptibility to ischemic stroke and coronary artery disease: a genome-wide analysis of common variants. *Stroke*, **2014**, 45, 24-36	6.7	245
138	Polygenic Risk Score Identifies Subgroup With Higher Burden of Atherosclerosis and Greater Relative Benefit From Statin Therapy in the Primary Prevention Setting. *Circulation*, **2017**, 135, 2091-2101	16.7	244
137	Distribution and medical impact of loss-of-function variants in the Finnish founder population. *PLoS Genetics*, **2014**, 10, e1004494	6	243
136	A Genetic Variant Associated with Five Vascular Diseases Is a Distal Regulator of Endothelin-1 Gene Expression. *Cell*, **2017**, 170, 522-533.e15	56.2	236
135	Mendelian Randomization. *JAMA - Journal of the American Medical Association*, **2017**, 318, 1925-1926	27.4	234
134	Association of low-frequency and rare coding-sequence variants with blood lipids and coronary heart disease in 56,000 whites and blacks. *American Journal of Human Genetics*, **2014**, 94, 223-32	11	233

133	ANGPTL3 Deficiency and Protection Against Coronary Artery Disease. *Journal of the American College of Cardiology*, **2017**, 69, 2054-2063	15.1	226
132	A structural variation reference for medical and population genetics. *Nature*, **2020**, 581, 444-451	50.4	223
131	Refining the accuracy of validated target identification through coding variant fine-mapping in type 2 diabetes. *Nature Genetics*, **2018**, 50, 559-571	36.3	221
130	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. *PLoS Genetics*, **2015**, 11, e1005378	6	220
129	Human knockouts and phenotypic analysis in a cohort with a high rate of consanguinity. *Nature*, **2017**, 544, 235-239	50.4	208
128	Genetic Association of Waist-to-Hip Ratio With Cardiometabolic Traits, Type 2 Diabetes, and Coronary Heart Disease. *JAMA - Journal of the American Medical Association*, **2017**, 317, 626-634	27.4	195
127	Dysfunctional nitric oxide signalling increases risk of myocardial infarction. *Nature*, **2013**, 504, 432-6	50.4	185
126	Fifteen new risk loci for coronary artery disease highlight arterial-wall-specific mechanisms. *Nature Genetics*, **2017**, 49, 1113-1119	36.3	184
125	Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. *Nature Genetics*, **2016**, 48, 1151-1161	36.3	181
124	Large-scale analyses of common and rare variants identify 12 new loci associated with atrial fibrillation. *Nature Genetics*, **2017**, 49, 946-952	36.3	176
123	Whole-exome sequencing identifies rare and low-frequency coding variants associated with LDL cholesterol. *American Journal of Human Genetics*, **2014**, 94, 233-45	11	170
122	Genome-wide identification of microRNAs regulating cholesterol and triglyceride homeostasis. *Nature Medicine*, **2015**, 21, 1290-7	50.5	160
121	Meta-analysis identifies common and rare variants influencing blood pressure and overlapping with metabolic trait loci. *Nature Genetics*, **2016**, 48, 1162-70	36.3	152
120	Risk prediction by genetic risk scores for coronary heart disease is independent of self-reported family history. *European Heart Journal*, **2016**, 37, 561-7	9.5	152
119	Prospective functional classification of all possible missense variants in PPARG. *Nature Genetics*, **2016**, 48, 1570-1575	36.3	149
118	Genetics and causality of triglyceride-rich lipoproteins in atherosclerotic cardiovascular disease. *Journal of the American College of Cardiology*, **2014**, 64, 2525-40	15.1	149
117	Systematic Evaluation of Pleiotropy Identifies 6 Further Loci Associated With Coronary Artery Disease. *Journal of the American College of Cardiology*, **2017**, 69, 823-836	15.1	146
116	Meta-analysis of gene-level tests for rare variant association. *Nature Genetics*, **2014**, 46, 200-4	36.3	142

115	Association of low-density lipoprotein cholesterol-related genetic variants with aortic valve calcium and incident aortic stenosis. *JAMA - Journal of the American Medical Association*, **2014**, 312, 1764-71	27.4	134
114	Genetic analysis in UK Biobank links insulin resistance and transendothelial migration pathways to coronary artery disease. *Nature Genetics*, **2017**, 49, 1392-1397	36.3	127
113	Phenotypic Characterization of Genetically Lowered Human Lipoprotein(a) Levels. *Journal of the American College of Cardiology*, **2016**, 68, 2761-2772	15.1	127
112	Association of sickle cell trait with chronic kidney disease and albuminuria in African Americans. *JAMA - Journal of the American Medical Association*, **2014**, 312, 2115-25	27.4	126
111	Genetic Interleukin 6 Signaling Deficiency Attenuates Cardiovascular Risk in Clonal Hematopoiesis. *Circulation*, **2020**, 141, 124-131	16.7	120
110	Whole-Genome Sequencing to Characterize Monogenic and Polygenic Contributions in Patients Hospitalized With Early-Onset Myocardial Infarction. *Circulation*, **2019**, 139, 1593-1602	16.7	112
109	Association of Rare and Common Variation in the Lipoprotein Lipase Gene With Coronary Artery Disease. *JAMA - Journal of the American Medical Association*, **2017**, 317, 937-946	27.4	109
108	Single-Cell Analysis of the Normal Mouse Aorta Reveals Functionally Distinct Endothelial Cell Populations. *Circulation*, **2019**, 140, 147-163	16.7	104
107	Large, Diverse Population Cohorts of hiPSCs and Derived Hepatocyte-like Cells Reveal Functional Genetic Variation at Blood Lipid-Associated Loci. *Cell Stem Cell*, **2017**, 20, 558-570.e10	18	102
106	Novel genetic markers associate with atrial fibrillation risk in Europeans and Japanese. *Journal of the American College of Cardiology*, **2014**, 63, 1200-1210	15.1	102
105	Biological and clinical insights from genetics of insomnia symptoms. *Nature Genetics*, **2019**, 51, 387-393	36.3	101
104	Causal Assessment of Serum Urate Levels in Cardiometabolic Diseases Through a Mendelian Randomization Study. *Journal of the American College of Cardiology*, **2016**, 67, 407-416	15.1	101
103	Cardiovascular Event Prediction and Risk Reclassification by Coronary, Aortic, and Valvular Calcification in the Framingham Heart Study. *Journal of the American Heart Association*, **2016**, 5,	6	101
102	Surprises From Genetic Analyses of Lipid Risk Factors for Atherosclerosis. *Circulation Research*, **2016**, 118, 579-85	15.7	98
101	In vivo CRISPR base editing of PCSK9 durably lowers cholesterol in primates. *Nature*, **2021**, 593, 429-434	50.4	96
100	Deep-coverage whole genome sequences and blood lipids among 16,324 individuals. *Nature Communications*, **2018**, 9, 3391	17.4	90
99	Polygenic background modifies penetrance of monogenic variants for tier 1 genomic conditions. *Nature Communications*, **2020**, 11, 3635	17.4	88
98	Induced Pluripotent Stem Cell Differentiation Enables Functional Validation of GWAS Variants in Metabolic Disease. *Cell Stem Cell*, **2017**, 20, 547-557.e7	18	86

97	Genetics of Common, Complex Coronary Artery Disease. *Cell*, **2019**, 177, 132-145	56.2	84
96	Exome chip meta-analysis identifies novel loci and East Asian-specific coding variants that contribute to lipid levels and coronary artery disease. *Nature Genetics*, **2017**, 49, 1722-1730	36.3	83
95	Loss of Function of GALNT2 Lowers High-Density Lipoproteins in Humans, Nonhuman Primates, and Rodents. *Cell Metabolism*, **2016**, 24, 234-45	24.6	78
94	A genomic approach to therapeutic target validation identifies a glucose-lowering GLP1R variant protective for coronary heart disease. *Science Translational Medicine*, **2016**, 8, 341ra76	17.5	77
93	Association Between Titin Loss-of-Function Variants and Early-Onset Atrial Fibrillation. *JAMA - Journal of the American Medical Association*, **2018**, 320, 2354-2364	27.4	75
92	Genome-wide association study of peripheral artery disease in the Million Veteran Program. *Nature Medicine*, **2019**, 25, 1274-1279	50.5	73
91	Twelve-single nucleotide polymorphism genetic risk score identifies individuals at increased risk for future atrial fibrillation and stroke. *Stroke*, **2014**, 45, 2856-2862	6.7	72
90	Genetic inactivation of ANGPTL4 improves glucose homeostasis and is associated with reduced risk of diabetes. *Nature Communications*, **2018**, 9, 2252	17.4	71
89	Cardiac troponin T elevation after coronary artery bypass grafting is associated with increased one-year mortality. *American Journal of Cardiology*, **2004**, 94, 879-81	3	66
88	A human APOC3 missense variant and monoclonal antibody accelerate apoC-III clearance and lower triglyceride-rich lipoprotein levels. *Nature Medicine*, **2017**, 23, 1086-1094	50.5	63
87	Ultra-rare disruptive and damaging mutations influence educational attainment in the general population. *Nature Neuroscience*, **2016**, 19, 1563-1565	25.5	63
86	Myocardial Infarction-Associated SNP at 6p24 Interferes With MEF2 Binding and Associates With PHACTR1 Expression Levels in Human Coronary Arteries. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2015**, 35, 1472-1479	9.4	62
85	Genetic Association of Albuminuria with Cardiometabolic Disease and Blood Pressure. *American Journal of Human Genetics*, **2018**, 103, 461-473	11	62
84	Platelet-Related Variants Identified by Exomechip Meta-analysis in 157,293 Individuals. *American Journal of Human Genetics*, **2016**, 99, 40-55	11	61
83	Recurring exon deletions in the HP (haptoglobin) gene contribute to lower blood cholesterol levels. *Nature Genetics*, **2016**, 48, 359-66	36.3	61
82	DASH: a method for identical-by-descent haplotype mapping uncovers association with recent variation. *American Journal of Human Genetics*, **2011**, 88, 706-717	11	60
81	Quantifying the Impact of Rare and Ultra-rare Coding Variation across the Phenotypic Spectrum. *American Journal of Human Genetics*, **2018**, 102, 1204-1211	11	59
80	Genome-wide association analysis of venous thromboembolism identifies new risk loci and genetic overlap with arterial vascular disease. *Nature Genetics*, **2019**, 51, 1574-1579	36.3	56

79	Genetic Risk Prediction of Atrial Fibrillation. *Circulation*, **2017**, 135, 1311-1320	16.7	56
78	Analysis of predicted loss-of-function variants in UK Biobank identifies variants protective for disease. *Nature Communications*, **2018**, 9, 1613	17.4	55
77	Genetic predisposition to higher blood pressure increases coronary artery disease risk. *Hypertension*, **2013**, 61, 995-1001	8.5	55
76	Deep coverage whole genome sequences and plasma lipoprotein(a) in individuals of European and African ancestries. *Nature Communications*, **2018**, 9, 2606	17.4	53
75	Genetic Analysis of Venous Thromboembolism in UK Biobank Identifies the ZFPM2 Locus and Implicates Obesity as a Causal Risk Factor. *Circulation: Cardiovascular Genetics*, **2017**, 10,		52
74	Role of angiopoietin-like 3 (ANGPTL3) in regulating plasma level of low-density lipoprotein cholesterol. *Atherosclerosis*, **2018**, 268, 196-206	3.1	52
73	Phenotypic Refinement of Heart Failure in a National Biobank Facilitates Genetic Discovery. *Circulation*, **2018**,	16.7	51
72	A missense variant in Mitochondrial Amidoxime Reducing Component 1 gene and protection against liver disease. *PLoS Genetics*, **2020**, 16, e1008629	6	49
71	Exome Genotyping Identifies Pleiotropic Variants Associated with Red Blood Cell Traits. *American Journal of Human Genetics*, **2016**, 99, 8-21	11	47
70	Phenotypic extremes in rare variant study designs. *European Journal of Human Genetics*, **2016**, 24, 924-30	5.3	43
69	Argatroban. *Journal of Thrombosis and Thrombolysis*, **2002**, 13, 41-7	5.1	43
68	Aggregate penetrance of genomic variants for actionable disorders in European and African Americans. *Science Translational Medicine*, **2016**, 8, 364ra151	17.5	41
67	Polymorphisms at newly identified lipid-associated loci are associated with blood lipids and cardiovascular disease in an Asian Malay population. *Journal of Lipid Research*, **2009**, 50, 514-520	6.3	41
66	Analysis of cardiac magnetic resonance imaging in 36,000 individuals yields genetic insights into dilated cardiomyopathy. *Nature Communications*, **2020**, 11, 2254	17.4	40
65	Defining the spectrum of alleles that contribute to blood lipid concentrations in humans. *Current Opinion in Lipidology*, **2008**, 19, 122-7	4.4	40
64	Heritability of Atrial Fibrillation. *Circulation: Cardiovascular Genetics*, **2017**, 10,		39
63	Loss of Cardioprotective Effects at the Locus as a Result of Gene-Smoking Interactions. *Circulation*, **2017**, 135, 2336-2353	16.7	36
62	Limitations of Contemporary Guidelines for Managing Patients at High Genetic Risk of Coronary Artery Disease. *Journal of the American College of Cardiology*, **2020**, 75, 2769-2780	15.1	33

61	Systematic cell-based phenotyping of missense alleles empowers rare variant association studies: a case for LDLR and myocardial infarction. *PLoS Genetics*, **2015**, 11, e1004855	6	32
60	Lp(a) (Lipoprotein[a]) Concentrations and Incident Atherosclerotic Cardiovascular Disease: New Insights From a Large National Biobank. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2021**, 41, 465-474	9.4	32
59	Association of Rare Pathogenic DNA Variants for Familial Hypercholesterolemia, Hereditary Breast and Ovarian Cancer Syndrome, and Lynch Syndrome With Disease Risk in Adults According to Family History. *JAMA Network Open*, **2020**, 3, e203959	10.4	31
58	Association of exome sequences with plasma C-reactive protein levels in >9000 participants. *Human Molecular Genetics*, **2015**, 24, 559-71	5.6	31
57	Rare Protein-Truncating Variants in APOB, Lower Low-Density Lipoprotein Cholesterol, and Protection Against Coronary Heart Disease. *Circulation Genomic and Precision Medicine*, **2019**, 12, e002376	5.2	30
56	Is Coronary Atherosclerosis One Disease or Many? Setting Realistic Expectations for Precision Medicine. *Circulation*, **2017**, 135, 1005-1007	16.7	27
55	Clonal Hematopoiesis of Indeterminate Potential Reshapes Age-Related CVD: JACC Review Topic of the Week. *Journal of the American College of Cardiology*, **2019**, 74, 578-586	15.1	27
54	GPR146 Deficiency Protects against Hypercholesterolemia and Atherosclerosis. *Cell*, **2019**, 179, 1276-1288.e14	38.2	27
53	Genetic variants in CETP increase risk of intracerebral hemorrhage. *Annals of Neurology*, **2016**, 80, 730-740	9.4	24
52	The power of genetic diversity in genome-wide association studies of lipids. *Nature*, **2021**,	50.4	24
51	Genetic Architecture of Abdominal Aortic Aneurysm in the Million Veteran Program. *Circulation*, **2020**, 142, 1633-1646	16.7	24
50	Genome-Wide Polygenic Score, Clinical Risk Factors, and Long-Term Trajectories of Coronary Artery Disease. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2020**, 40, 2738-2746	9.4	24
49	Genetic variants primarily associated with type 2 diabetes are related to coronary artery disease risk. *Atherosclerosis*, **2015**, 241, 419-26	3.1	23
48	Multiple associated variants increase the heritability explained for plasma lipids and coronary artery disease. *Circulation: Cardiovascular Genetics*, **2014**, 7, 583-7		23
47	Validation of a Genome-Wide Polygenic Score for Coronary Artery Disease in South Asians. *Journal of the American College of Cardiology*, **2020**, 76, 703-714	15.1	22
46	An eMERGE Clinical Center at Partners Personalized Medicine. *Journal of Personalized Medicine*, **2016**, 6,	3.6	22
45	Heterozygous Gene Deficiency and Risk of Coronary Artery Disease. *Circulation Genomic and Precision Medicine*, **2020**, 13, 417-423	5.2	21
44	Leveraging human genetics to guide drug target discovery. *Trends in Cardiovascular Medicine*, **2017**, 27, 352-359	6.9	20

43	The mouse QTL map helps interpret human genome-wide association studies for HDL cholesterol. *Journal of Lipid Research*, **2011**, 52, 1139-1149	6.3	20
42	Association of Genetic Variation With Cirrhosis: A Multi-Trait Genome-Wide Association and Gene-Environment Interaction Study. *Gastroenterology*, **2021**, 160, 1620-1633.e13	13.3	20
41	Evaluation of the Pooled Cohort Equations for Prediction of Cardiovascular Risk in a Contemporary Prospective Cohort. *American Journal of Cardiology*, **2017**, 119, 881-885	3	18
40	No Association of Coronary Artery Disease with X-Chromosomal Variants in Comprehensive International Meta-Analysis. *Scientific Reports*, **2016**, 6, 35278	4.9	18
39	Association of Risk Alleles With Cardiovascular Disease in Blacks in the Million Veteran Program. *Circulation*, **2019**, 140, 1031-1040	16.7	18
38	PCSK9 Inhibitors. *Cell*, **2016**, 165, 1037	56.2	18
37	Genetic Variation at the Sulfonylurea Receptor, Type 2 Diabetes, and Coronary Heart Disease. *Diabetes*, **2017**, 66, 2310-2315	0.9	17
36	Loss-of-function genomic variants highlight potential therapeutic targets for cardiovascular disease. *Nature Communications*, **2020**, 11, 6417	17.4	17
35	Genetic invalidation of Lp-PLA as a therapeutic target: Large-scale study of five functional Lp-PLA-lowering alleles. *European Journal of Preventive Cardiology*, **2017**, 24, 492-504	3.9	16
34	Non-parametric Polygenic Risk Prediction via Partitioned GWAS Summary Statistics. *American Journal of Human Genetics*, **2020**, 107, 46-59	11	16
33	Cardiovascular endocrinology: Is ANGPTL3 the next PCSK9?. *Nature Reviews Endocrinology*, **2017**, 13, 503-504	15.2	14
32	Genetic Risk, Lifestyle, and Coronary Artery Disease. *New England Journal of Medicine*, **2017**, 376, 1194-5	59.2	13
31	Genetically Elevated LDL Associates with Lower Risk of Intracerebral Hemorrhage. *Annals of Neurology*, **2020**, 88, 56-66	9.4	12
30	DNA Sequence Variation in Encoding the Activin Receptor-Like Kinase 7 Influences Body Fat Distribution and Protects Against Type 2 Diabetes. *Diabetes*, **2019**, 68, 226-234	0.9	12
29	Gene-gene Interaction Analyses for Atrial Fibrillation. *Scientific Reports*, **2016**, 6, 35371	4.9	11
28	Whole exome sequencing combined with integrated variant annotation prediction identifies a causative myosin essential light chain variant in hypertrophic cardiomyopathy. *Journal of Cardiology* , **2016**, 67, 133-9	3	11
27	Case records of the Massachusetts General Hospital. Case 14-2005. A 38-year-old man with fever and blurred vision. *New England Journal of Medicine*, **2005**, 352, 2003-12	59.2	10
26	Association of Habitual Alcohol Intake With Risk of Cardiovascular Disease.. *JAMA Network Open*, **2022**, 5, e223849	10.4	10

25	Clonal hematopoiesis associated with epigenetic aging and clinical outcomes. *Aging Cell*, **2021**, 20, e13366	9.9	9
24	Targeted exonic sequencing of GWAS loci in the high extremes of the plasma lipids distribution. *Atherosclerosis*, **2016**, 250, 63-8	3.1	9
23	A null mutation in ANGPTL8 does not associate with either plasma glucose or type 2 diabetes in humans. *BMC Endocrine Disorders*, **2016**, 16, 7	3.3	8
22	Rare variants lowering the levels of coagulation factor X are protective against ischemic heart disease. *Haematologica*, **2020**, 105, e365-e369	6.6	7
21	Association of Exome Sequences With Cardiovascular Traits Among Blacks in the Jackson Heart Study. *Circulation: Cardiovascular Genetics*, **2016**, 9, 368-74		7
20	Integrative analysis of the plasma proteome and polygenic risk of cardiometabolic diseases. *Nature Metabolism*, **2021**, 3, 1476-1483	14.6	6
19	Coronary Disease Association With ADAMTS7 Is Due to Protease Activity. *Circulation Research*, **2021** , 129, 458-470	15.7	6
18	Transethnic Transferability of a Genome-Wide Polygenic Score for Coronary Artery Disease. *Circulation Genomic and Precision Medicine*, **2021**, 14, e003092	5.2	5
17	The future of low-density lipoprotein cholesterol lowering therapy: An end to statin exceptionalism?. *European Journal of Preventive Cardiology*, **2016**, 23, 1062-4	3.9	5
16	Chromosome Xq23 is associated with lower atherogenic lipid concentrations and favorable cardiometabolic indices. *Nature Communications*, **2021**, 12, 2182	17.4	5
15	Discovery and systematic characterization of risk variants and genes for coronary artery disease in over a million participants		5
14	Off-pump coronary bypass grafting is associated with less myocardial injury than coronary bypass surgery with cardiopulmonary bypass. *Heart Surgery Forum*, **2003**, 6, E174-8	0.7	5
13	EDEM3 Modulates Plasma Triglyceride Level through Its Regulation of LRP1 Expression. *IScience*, **2020**, 23, 100973	6.1	4
12	Mendelian Randomization Study of ACLY and Cardiovascular Disease. *New England Journal of Medicine*, **2020**, 383, e50	59.2	4
11	Heart disease: Putative medicines that mimic mutations. *Nature*, **2017**, 548, 530-531	50.4	3
10	Randomized prospective evaluation of genome sequencing versus standard-of-care as a first molecular diagnostic test. *Genetics in Medicine*, **2021**, 23, 1689-1696	8.1	3
9	Observational and Genetic Associations of Resting Heart Rate With Aortic Valve Calcium. *American Journal of Cardiology*, **2018**, 121, 1246-1252	3	2
8	Rare, Damaging DNA Variants in and Risk of Coronary Artery Disease: Insights From Functional Genomics and Large-Scale Sequencing Analyses. *Circulation Genomic and Precision Medicine*, **2021**, 14, e003399	5.2	2

List of Publications

7	Lipid nanoparticles incorporating a GalNAc ligand enable in vivo liver ANGPTL3 editing in wild-type and somatic LDLR knockout non-human primates		1
6	JCL roundtable: Lessons from genetic variants altering lipoprotein metabolism. *Journal of Clinical Lipidology*, **2016**, 10, 448-57	4.9	1
5	Genetic Predisposition to Abdominal Obesity and Cardiometabolic Risk-Reply. *JAMA - Journal of the American Medical Association*, **2017**, 317, 2334-2335	27.4	0
4	Clonal Hematopoiesis with Somatic Mutations Is a Common, Age-Related Condition Associated with Adverse Outcomes. *Blood*, **2014**, 124, 840-840	2.2	0
3	2018 Curt Stern Award Address. *American Journal of Human Genetics*, **2019**, 104, 384-388	11	
2	Factor V Leiden Is Associated with Premature Myocardial Infarction.. *Blood*, **2008**, 112, 1817-1817	2.2	
1	Interactomics Analyses of Wild-Type and Mutant A1CF Reveal Diverged Functions in Regulating Cellular Lipid Metabolism. *Journal of Proteome Research*, **2020**, 19, 3968-3980	5.6	