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List of Publications by Citations

577 papers	47,918 citations	98 h-index	209 g-index
615 ext. papers	57,539 ext. citations	10.7 avg, IF	7.24 L-index

#	Paper	IF	Citations
577	Biological, clinical and population relevance of 95 loci for blood lipids. *Nature*, **2010**, 466, 707-13	50.4	2742
576	Discovery and refinement of loci associated with lipid levels. *Nature Genetics*, **2013**, 45, 1274-1283	36.3	1904
575	Plasma HDL cholesterol and risk of myocardial infarction: a mendelian randomisation study. *Lancet, The*, **2012**, 380, 572-80	40	1523
574	Cholesterol efflux capacity, high-density lipoprotein function, and atherosclerosis. *New England Journal of Medicine*, **2011**, 364, 127-35	59.2	1403
573	Large-scale association analysis identifies 13 new susceptibility loci for coronary artery disease. *Nature Genetics*, **2011**, 43, 333-8	36.3	1394
572	A common variant on chromosome 9p21 affects the risk of myocardial infarction. *Science*, **2007**, 316, 1491-3	33.3	1322
571	A comprehensive 1,000 Genomes-based genome-wide association meta-analysis of coronary artery disease. *Nature Genetics*, **2015**, 47, 1121-1130	36.3	1290
570	Large-scale association analysis identifies new risk loci for coronary artery disease. *Nature Genetics*, **2013**, 45, 25-33	36.3	1172
569	Genome-wide association of early-onset myocardial infarction with single nucleotide polymorphisms and copy number variants. *Nature Genetics*, **2009**, 41, 334-41	36.3	884
568	From noncoding variant to phenotype via SORT1 at the 1p13 cholesterol locus. *Nature*, **2010**, 466, 714-9	50.4	820
567	A common mutation in the 5,10-methylenetetrahydrofolate reductase gene affects genomic DNA methylation through an interaction with folate status. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 5606-11	11.5	765
566	Loss-of-function mutations in APOC3, triglycerides, and coronary disease. *New England Journal of Medicine*, **2014**, 371, 22-31	59.2	721
565	Sequence variants affecting eosinophil numbers associate with asthma and myocardial infarction. *Nature Genetics*, **2009**, 41, 342-7	36.3	627
564	Genetic Risk, Adherence to a Healthy Lifestyle, and Coronary Disease. *New England Journal of Medicine*, **2016**, 375, 2349-2358	59.2	601
563	Common variants associated with plasma triglycerides and risk for coronary artery disease. *Nature Genetics*, **2013**, 45, 1345-52	36.3	597
562	The same sequence variant on 9p21 associates with myocardial infarction, abdominal aortic aneurysm and intracranial aneurysm. *Nature Genetics*, **2008**, 40, 217-24	36.3	596
561	Interleukin-6 receptor pathways in coronary heart disease: a collaborative meta-analysis of 82 studies. *Lancet, The*, **2012**, 379, 1205-13	40	522

560	Meta-analysis and imputation refines the association of 15q25 with smoking quantity. *Nature Genetics*, **2010**, 42, 436-40	36.3	521
559	Triglyceride-mediated pathways and coronary disease: collaborative analysis of 101 studies. *Lancet, The*, **2010**, 375, 1634-9	40	520
558	Exome sequencing identifies rare LDLR and APOA5 alleles conferring risk for myocardial infarction. *Nature*, **2015**, 518, 102-6	50.4	463
557	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
556	Vitamin E suppresses isoprostane generation in vivo and reduces atherosclerosis in ApoE-deficient mice. *Nature Medicine*, **1998**, 4, 1189-92	50.5	449
555	Cardiovascular disease, chronic kidney disease, and diabetes mortality burden of cardiometabolic risk factors from 1980 to 2010: a comparative risk assessment. *Lancet Diabetes and Endocrinology,the*, **2014**, 2, 634-47	18.1	446
554	A genome-wide meta-analysis identifies 22 loci associated with eight hematological parameters in the HaemGen consortium. *Nature Genetics*, **2009**, 41, 1182-90	36.3	433
553	A novel endothelial-derived lipase that modulates HDL metabolism. *Nature Genetics*, **1999**, 21, 424-8	36.3	424
552	Genetic and Pharmacologic Inactivation of ANGPTL3 and Cardiovascular Disease. *New England Journal of Medicine*, **2017**, 377, 211-221	59.2	416
551	The role of reverse cholesterol transport in animals and humans and relationship to atherosclerosis. *Journal of Lipid Research*, **2009**, 50 Suppl, S189-94	6.3	415
550	Molecular regulation of HDL metabolism and function: implications for novel therapies. *Journal of Clinical Investigation*, **2006**, 116, 3090-100	15.9	414
549	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
548	Translating molecular discoveries into new therapies for atherosclerosis. *Nature*, **2008**, 451, 904-13	50.4	367
547	A Protein-Truncating HSD17B13 Variant and Protection from Chronic Liver Disease. *New England Journal of Medicine*, **2018**, 378, 1096-1106	59.2	350
546	Permanent alteration of PCSK9 with in vivo CRISPR-Cas9 genome editing. *Circulation Research*, **2014**, 115, 488-92	15.7	345
545	Rare variant in scavenger receptor BI raises HDL cholesterol and increases risk of coronary heart disease. *Science*, **2016**, 351, 1166-71	33.3	325
544	Coding Variation in ANGPTL4, LPL, and SVEP1 and the Risk of Coronary Disease. *New England Journal of Medicine*, **2016**, 374, 1134-44	59.2	325
543	Genetic variants influencing circulating lipid levels and risk of coronary artery disease. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2010**, 30, 2264-76	9.4	318

542	Exome-wide association study of plasma lipids in >300,000 individuals. *Nature Genetics*, **2017**, 49, 1758-1766	36.3	310
541	Inactivating mutations in NPC1L1 and protection from coronary heart disease. *New England Journal of Medicine*, **2014**, 371, 2072-82	59.2	307
540	A variant of the gene encoding leukotriene A4 hydrolase confers ethnicity-specific risk of myocardial infarction. *Nature Genetics*, **2006**, 38, 68-74	36.3	304
539	Association of HDL cholesterol efflux capacity with incident coronary heart disease events: a prospective case-control study. *Lancet Diabetes and Endocrinology,the*, **2015**, 3, 507-13	18.1	300
538	Gene transfer and hepatic overexpression of the HDL receptor SR-BI reduces atherosclerosis in the cholesterol-fed LDL receptor-deficient mouse. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2000**, 20, 721-7	9.4	294
537	Genome-wide association identifies nine common variants associated with fasting proinsulin levels and provides new insights into the pathophysiology of type 2 diabetes. *Diabetes*, **2011**, 60, 2624-34	0.9	285
536	Multi-ethnic genome-wide association study for atrial fibrillation. *Nature Genetics*, **2018**, 50, 1225-1233	36.3	277
535	Genetics of blood lipids among ~300,000 multi-ethnic participants of the Million Veteran Program. *Nature Genetics*, **2018**, 50, 1514-1523	36.3	260
534	Genome-wide association study of coronary heart disease and its risk factors in 8,090 African Americans: the NHLBI CARe Project. *PLoS Genetics*, **2011**, 7, e1001300	6	249
533	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
532	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
531	FADS genotypes and desaturase activity estimated by the ratio of arachidonic acid to linoleic acid are associated with inflammation and coronary artery disease. *American Journal of Clinical Nutrition* , **2008**, 88, 941-9	7	241
530	Anti-oxidant status and lipid peroxidation in patients with essential hypertension. *Journal of Hypertension*, **1998**, 16, 1267-71	1.9	235
529	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
528	ANGPTL3 Deficiency and Protection Against Coronary Artery Disease. *Journal of the American College of Cardiology*, **2017**, 69, 2054-2063	15.1	226
527	Clinical Genetic Testing for Familial Hypercholesterolemia: JACC Scientific Expert Panel. *Journal of the American College of Cardiology*, **2018**, 72, 662-680	15.1	215
526	Effect of insulin resistance, dyslipidemia, and intra-abdominal adiposity on the development of cardiovascular disease and diabetes mellitus. *American Journal of Medicine*, **2007**, 120, S12-8	2.4	209
525	Human knockouts and phenotypic analysis in a cohort with a high rate of consanguinity. *Nature*, **2017**, 544, 235-239	50.4	208

524	The not-so-simple HDL story: Is it time to revise the HDL cholesterol hypothesis?. *Nature Medicine*, **2012**, 18, 1344-6	50.5	204
523	NHLBI Working Group Recommendations to Reduce Lipoprotein(a)-Mediated Risk of Cardiovascular Disease and Aortic Stenosis. *Journal of the American College of Cardiology*, **2018**, 71, 177-192	15.1	203
522	Polymorphisms in the factor VII gene and the risk of myocardial infarction in patients with coronary artery disease. *New England Journal of Medicine*, **2000**, 343, 774-80	59.2	193
521	SNPs of the FADS gene cluster are associated with polyunsaturated fatty acids in a cohort of patients with cardiovascular disease. *Lipids*, **2008**, 43, 289-99	1.6	192
520	Fifteen new risk loci for coronary artery disease highlight arterial-wall-specific mechanisms. *Nature Genetics*, **2017**, 49, 1113-1119	36.3	184
519	Lomitapide and mipomersen: two first-in-class drugs for reducing low-density lipoprotein cholesterol in patients with homozygous familial hypercholesterolemia. *Circulation*, **2014**, 129, 1022-32	16.7	181
518	Air particulate matter and cardiovascular disease: a narrative review. *European Journal of Internal Medicine*, **2013**, 24, 295-302	3.9	178
517	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
516	Large-scale gene-centric analysis identifies novel variants for coronary artery disease. *PLoS Genetics* , **2011**, 7, e1002260	6	175
515	Methylenetetrahydrofolate Reductase C677T Mutation, Plasma Homocysteine, and Folate in Subjects From Northern Italy With or Without Angiographically Documented Severe Coronary Atherosclerotic Disease: Evidence for an Important Genetic-Environmental Interaction. *Blood*, **1998**, 91, 4158-4163	2.2	171
514	Genome-wide association study of alcohol consumption and use disorder in 274,424 individuals from multiple populations. *Nature Communications*, **2019**, 10, 1499	17.4	164
513	Monogenic hypercholesterolemia: new insights in pathogenesis and treatment. *Journal of Clinical Investigation*, **2003**, 111, 1795-803	15.9	160
512	Genome-wide association study identifies a sequence variant within the DAB2IP gene conferring susceptibility to abdominal aortic aneurysm. *Nature Genetics*, **2010**, 42, 692-7	36.3	155
511	Seasonal human coronavirus antibodies are boosted upon SARS-CoV-2 infection but not associated with protection. *Cell*, **2021**, 184, 1858-1864.e10	56.2	155
510	Epigenetic control of 11 beta-hydroxysteroid dehydrogenase 2 gene promoter is related to human hypertension. *Atherosclerosis*, **2008**, 199, 323-7	3.1	153
509	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
508	Prevalence of body iron excess in the metabolic syndrome. *Diabetes Care*, **2005**, 28, 2061-3	14.6	146
507	Abdominal aortic aneurysm is associated with a variant in low-density lipoprotein receptor-related protein 1. *American Journal of Human Genetics*, **2011**, 89, 619-27	11	145

506	Sortilin mediates vascular calcification via its recruitment into extracellular vesicles. *Journal of Clinical Investigation*, **2016**, 126, 1323-36	15.9	141
505	Discovery of 318 new risk loci for type 2 diabetes and related vascular outcomes among 1.4 million participants in a multi-ancestry meta-analysis. *Nature Genetics*, **2020**, 52, 680-691	36.3	140
504	Cholesterol ester transfer protein inhibition by TA-8995 in patients with mild dyslipidaemia (TULIP): a randomised, double-blind, placebo-controlled phase 2 trial. *Lancet, The*, **2015**, 386, 452-60	40	140
503	Identification of new susceptibility loci for type 2 diabetes and shared etiological pathways with coronary heart disease. *Nature Genetics*, **2017**, 49, 1450-1457	36.3	136
502	Design of the Coronary ARtery DIsease Genome-Wide Replication And Meta-Analysis (CARDIoGRAM) Study: A Genome-wide association meta-analysis involving more than 22 000 cases and 60 000 controls. *Circulation: Cardiovascular Genetics*, **2010**, 3, 475-83		135
501	The effect of dehydroepiandrosterone supplementation to symptomatic perimenopausal women on serum endocrine profiles, lipid parameters, and health-related quality of life. *Journal of Clinical Endocrinology and Metabolism*, **1999**, 84, 3896-902	5.6	133
500	Trials and Tribulations of CETP Inhibitors. *Circulation Research*, **2018**, 122, 106-112	15.7	132
499	Baricitinib restrains the immune dysregulation in patients with severe COVID-19. *Journal of Clinical Investigation*, **2020**, 130, 6409-6416	15.9	130
498	Phenotypic Characterization of Genetically Lowered Human Lipoprotein(a) Levels. *Journal of the American College of Cardiology*, **2016**, 68, 2761-2772	15.1	127
497	Cholesterol Efflux Capacity, High-Density Lipoprotein Particle Number, and Incident Cardiovascular Events: An Analysis From the JUPITER Trial (Justification for the Use of Statins in Prevention: An Intervention Trial Evaluating Rosuvastatin). *Circulation*, **2017**, 135, 2494-2504	16.7	126
496	Treatment Gaps in Adults With Heterozygous Familial Hypercholesterolemia in the United States: Data From the CASCADE-FH Registry. *Circulation: Cardiovascular Genetics*, **2016**, 9, 240-9		126
495	Aldosterone to Renin ratio in a primary care setting: the Bussolengo study. *Journal of Clinical Endocrinology and Metabolism*, **2004**, 89, 4221-6	5.6	124
494	CXCL16 is a marker of inflammation, atherosclerosis, and acute coronary syndromes in humans. *Journal of the American College of Cardiology*, **2007**, 49, 442-9	15.1	121
493	Resistance to activated protein C in healthy women taking oral contraceptives. *British Journal of Haematology*, **1995**, 91, 465-70	4.5	120
492	Thrombosis and sickle cell disease. *Seminars in Thrombosis and Hemostasis*, **2011**, 37, 226-36	5.3	119
491	Clinical and pathologic findings in hemochromatosis type 3 due to a novel mutation in transferrin receptor 2 gene. *Gastroenterology*, **2002**, 122, 1295-302	13.3	116
490	Apolipoprotein(a) isoform size, lipoprotein(a) concentration, and coronary artery disease: a mendelian randomisation analysis. *Lancet Diabetes and Endocrinology,the*, **2017**, 5, 524-533	18.1	111
489	Macrophage sortilin promotes LDL uptake, foam cell formation, and atherosclerosis. *Circulation Research*, **2015**, 116, 789-96	15.7	110

488	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
487	Lipoproteins, macrophage function, and atherosclerosis: beyond the foam cell?. *Cell Metabolism*, **2005**, 1, 223-30	24.6	109
486	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
485	Association between four SNPs on chromosome 9p21 and myocardial infarction is replicated in an Italian population. *Journal of Human Genetics*, **2008**, 53, 144-150	4.3	102
484	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
483	High sodium intake is associated with increased glucocorticoid production, insulin resistance and metabolic syndrome. *Clinical Endocrinology*, **2014**, 80, 677-84	3.4	101
482	A genome-wide association study identifies LIPA as a susceptibility gene for coronary artery disease. *Circulation: Cardiovascular Genetics*, **2011**, 4, 403-12		98
481	Apolipoprotein C-III, metabolic syndrome, and risk of coronary artery disease. *Journal of Lipid Research*, **2003**, 44, 2374-81	6.3	98
480	Rapid regression of atherosclerosis induced by liver-directed gene transfer of ApoE in ApoE-deficient mice. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **1999**, 19, 2162-70	9.4	97
479	High-density lipoproteins and atherosclerosis. *American Journal of Cardiology*, **2002**, 90, 62i-70i	3	96
478	Deficiency of Src family kinases Fgr and Hck results in activation of erythrocyte K/Cl cotransport. *Journal of Clinical Investigation*, **1997**, 99, 220-7	15.9	96
477	Multimorbidity and polypharmacy in the elderly: lessons from REPOSI. *Internal and Emergency Medicine*, **2014**, 9, 723-34	3.7	95
476	The anti-oxidative capacity of high-density lipoprotein is reduced in acute coronary syndrome but not in stable coronary artery disease. *Journal of the American College of Cardiology*, **2011**, 58, 2068-75	15.1	95
475	Low plasma vitamin B-6 concentrations and modulation of coronary artery disease risk. *American Journal of Clinical Nutrition*, **2004**, 79, 992-8	7	94
474	Variant ASGR1 Associated with a Reduced Risk of Coronary Artery Disease. *New England Journal of Medicine*, **2016**, 374, 2131-41	59.2	94
473	Delta-5 and delta-6 desaturases: crucial enzymes in polyunsaturated fatty acid-related pathways with pleiotropic influences in health and disease. *Advances in Experimental Medicine and Biology*, **2014**, 824, 61-81	3.6	92
472	A genome-wide association study for coronary artery disease identifies a novel susceptibility locus in the major histocompatibility complex. *Circulation: Cardiovascular Genetics*, **2012**, 5, 217-25		92
471	Secretory phospholipase A(2)-IIA and cardiovascular disease: a mendelian randomization study. *Journal of the American College of Cardiology*, **2013**, 62, 1966-1976	15.1	91

470	Relation of serum lipids and lipoproteins with progression of CKD: The CRIC study. *Clinical Journal of the American Society of Nephrology: CJASN*, **2014**, 9, 1190-8	6.9	90
469	Hepatic metal ion transporter ZIP8 regulates manganese homeostasis and manganese-dependent enzyme activity. *Journal of Clinical Investigation*, **2017**, 127, 2407-2417	15.9	90
468	Association of the PHACTR1/EDN1 Genetic Locus With Spontaneous Coronary Artery Dissection. *Journal of the American College of Cardiology*, **2019**, 73, 58-66	15.1	86
467	SARS-CoV-2 seroprevalence among parturient women in Philadelphia. *Science Immunology*, **2020**, 5,	28	84
466	Vascular CXCR4 Limits Atherosclerosis by Maintaining Arterial Integrity: Evidence From Mouse and Human Studies. *Circulation*, **2017**, 136, 388-403	16.7	83
465	Effects of nonstatin lipid drug therapy on high-density lipoprotein metabolism. *American Journal of Cardiology*, **2003**, 91, 18E-23E	3	83
464	Hepcidin levels and their determinants in different types of myelodysplastic syndromes. *PLoS ONE*, **2011**, 6, e23109	3.7	81
463	Knockout of Adamts7, a novel coronary artery disease locus in humans, reduces atherosclerosis in mice. *Circulation*, **2015**, 131, 1202-1213	16.7	80
462	Interaction of antibodies against cytomegalovirus with heat-shock protein 60 in pathogenesis of atherosclerosis. *Lancet, The*, **2003**, 362, 1971-7	40	80
461	Loss of Function of GALNT2 Lowers High-Density Lipoproteins in Humans, Nonhuman Primates, and Rodents. *Cell Metabolism*, **2016**, 24, 234-45	24.6	78
460	Low selenium status in the elderly influences thyroid hormones. *Clinical Science*, **1995**, 89, 637-42	6.5	77
459	Activation of ER stress and mTORC1 suppresses hepatic sortilin-1 levels in obese mice. *Journal of Clinical Investigation*, **2012**, 122, 1677-87	15.9	77
458	A systematic study of modulation of ADAM-mediated ectodomain shedding by site-specific O-glycosylation. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 14623-8	11.5	76
457	A Drug Screen using Human iPSC-Derived Hepatocyte-like Cells Reveals Cardiac Glycosides as a Potential Treatment for Hypercholesterolemia. *Cell Stem Cell*, **2017**, 20, 478-489.e5	18	75
456	Lack of association between the Trp719Arg polymorphism in kinesin-like protein-6 and coronary artery disease in 19 case-control studies. *Journal of the American College of Cardiology*, **2010**, 56, 1552-63	15.1	75
455	Genome-wide association study of peripheral artery disease in the Million Veteran Program. *Nature Medicine*, **2019**, 25, 1274-1279	50.5	73
454	Genetic inactivation of ANGPTL4 improves glucose homeostasis and is associated with reduced risk of diabetes. *Nature Communications*, **2018**, 9, 2252	17.4	71
453	GlycA Is a Novel Biomarker of Inflammation and Subclinical Cardiovascular Disease in Psoriasis. *Circulation Research*, **2016**, 119, 1242-1253	15.7	71

452	Relations between lipoprotein(a) concentrations, LPA genetic variants, and the risk of mortality in patients with established coronary heart disease: a molecular and genetic association study. *Lancet Diabetes and Endocrinology,the*, **2017**, 5, 534-543	18.1	69
451	Epigenetics and arterial hypertension: the challenge of emerging evidence. *Translational Research*, **2015**, 165, 154-65	11	69
450	Functional analysis and transcriptomic profiling of iPSC-derived macrophages and their application in modeling Mendelian disease. *Circulation Research*, **2015**, 117, 17-28	15.7	68
449	HDL Cholesterol Metabolism and the Risk of CHD: New Insights from Human Genetics. *Current Cardiology Reports*, **2017**, 19, 132	4.2	68
448	Genetic basis of atherosclerosis: insights from mice and humans. *Circulation Research*, **2012**, 110, 337-55	15.7	68
447	Hepcidin is not useful as a biomarker for iron needs in haemodialysis patients on maintenance erythropoiesis-stimulating agents. *Nephrology Dialysis Transplantation*, **2010**, 25, 3996-4002	4.3	67
446	An LRP8 variant is associated with familial and premature coronary artery disease and myocardial infarction. *American Journal of Human Genetics*, **2007**, 81, 780-91	11	66
445	DNA methylation and gene expression profiles show novel regulatory pathways in hepatocellular carcinoma. *Clinical Epigenetics*, **2015**, 7, 43	7.7	64
444	Polymorphisms at LDLR locus may be associated with coronary artery disease through modulation of coagulation factor VIII activity and independently from lipid profile. *Blood*, **2010**, 116, 5688-97	2.2	64
443	The MTHFR 1298A>C polymorphism and genomic DNA methylation in human lymphocytes. *Cancer Epidemiology Biomarkers and Prevention*, **2005**, 14, 938-43	4	64
442	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
441	Long-Term Efficacy and Safety of the Microsomal Triglyceride Transfer Protein Inhibitor Lomitapide in Patients With Homozygous Familial Hypercholesterolemia. *Circulation*, **2017**, 136, 332-335	16.7	63
440	High-Density Lipoprotein (HDL) Phospholipid Content and Cholesterol Efflux Capacity Are Reduced in Patients With Very High HDL Cholesterol and Coronary Disease. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2015**, 35, 1515-9	9.4	63
439	Gender-differences in disease distribution and outcome in hospitalized elderly: data from the REPOSI study. *European Journal of Internal Medicine*, **2014**, 25, 617-23	3.9	62
438	Selenium, zinc, and thyroid hormones in healthy subjects: low T3/T4 ratio in the elderly is related to impaired selenium status. *Biological Trace Element Research*, **1996**, 51, 31-41	4.5	60
437	Sortilin and lipoprotein metabolism: making sense out of complexity. *Current Opinion in Lipidology*, **2014**, 25, 350-7	4.4	59
436	The -1131 T>C and S19W APOA5 gene polymorphisms are associated with high levels of triglycerides and apolipoprotein C-III, but not with coronary artery disease: an angiographic study. *Atherosclerosis*, **2007**, 191, 409-17	3.1	58
435	The novel atherosclerosis locus at 10q11 regulates plasma CXCL12 levels. *European Heart Journal*, **2011**, 32, 963-71	9.5	57

434	Lipid and apolipoprotein ratios: association with coronary artery disease and effects of rosuvastatin compared with atorvastatin, pravastatin, and simvastatin. *American Journal of Cardiology*, **2003**, 91, 20C-23C; discussion 23C-24C	3	57
433	Low platelet glutathione peroxidase activity and serum selenium concentration in patients with chronic renal failure: relations to dialysis treatments, diet and cardiovascular complications. *Clinical Science*, **1993**, 84, 611-7	6.5	57
432	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
431	Global DNA hypomethylation in peripheral blood mononuclear cells as a biomarker of cancer risk. *Cancer Epidemiology Biomarkers and Prevention*, **2013**, 22, 348-55	4	55
430	Approach to the patient with extremely low HDL-cholesterol. *Journal of Clinical Endocrinology and Metabolism*, **2012**, 97, 3399-407	5.6	54
429	New Therapeutic Approaches to the Treatment of Dyslipidemia. *Cell Metabolism*, **2016**, 23, 405-12	24.6	53
428	Increased serum hepcidin levels in subjects with the metabolic syndrome: a population study. *PLoS ONE*, **2012**, 7, e48250	3.7	53
427	Mechanisms of disease: HDL metabolism as a target for novel therapies. *Nature Clinical Practice Cardiovascular Medicine*, **2007**, 4, 102-9		53
426	ApoC-III gene polymorphisms and risk of coronary artery disease. *Journal of Lipid Research*, **2002**, 43, 1450-7	6.3	53
425	Genetic-Variation-Driven Gene-Expression Changes Highlight Genes with Important Functions for Kidney Disease. *American Journal of Human Genetics*, **2017**, 100, 940-953	11	52
424	Effects of an olive-oil-rich diet on erythrocyte membrane lipid composition and cation transport systems. *Clinical Science*, **1989**, 76, 87-93	6.5	52
423	Plasma apolipoprotein C-III levels, triglycerides, and coronary artery calcification in type 2 diabetics. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2015**, 35, 1880-8	9.4	51
422	Efficacy and safety of lipid lowering by alirocumab in chronic kidney disease. *Kidney International*, **2018**, 93, 1397-1408	9.9	50
421	Promoter methylation in coagulation F7 gene influences plasma FVII concentrations and relates to coronary artery disease. *Journal of Medical Genetics*, **2012**, 49, 192-9	5.8	50
420	TTC39B deficiency stabilizes LXR reducing both atherosclerosis and steatohepatitis. *Nature*, **2016**, 535, 303-7	50.4	50
419	Triglyceride-rich lipoproteins and coronary artery disease risk: new insights from human genetics. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2015**, 35, e3-9	9.4	49
418	Protein-Truncating Variants at the Cholesteryl Ester Transfer Protein Gene and Risk for Coronary Heart Disease. *Circulation Research*, **2017**, 121, 81-88	15.7	48
417	Nonstatin Low-Density Lipoprotein-Lowering Therapy and Cardiovascular Risk Reduction-Statement From ATVB Council. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2015**, 35, 2269-80	9.4	48

416	Global DNA methylation and hydroxymethylation differ in hepatocellular carcinoma and cholangiocarcinoma and relate to survival rate. *Hepatology*, **2015**, 62, 496-504	11.2	48
415	Urinary prostasin: a candidate marker of epithelial sodium channel activation in humans. *Hypertension*, **2005**, 46, 683-8	8.5	48
414	Hereditary Hyperferritinemia-Cataract Syndrome Caused by a 29-Base Pair Deletion in the Iron Responsive Element of Ferritin L-Subunit Gene. *Blood*, **1997**, 90, 2084-2088	2.2	48
413	Adherence to antithrombotic therapy guidelines improves mortality among elderly patients with atrial fibrillation: insights from the REPOSI study. *Clinical Research in Cardiology*, **2016**, 105, 912-920	6.1	47
412	Measurement of urinary hepcidin levels by SELDI-TOF-MS in HFE-hemochromatosis. *Blood Cells, Molecules, and Diseases*, **2008**, 40, 347-52	2.1	47
411	Inhibition of K+ efflux and dehydration of sickle cells by [(dihydroindenyl)oxy]alkanoic acid: an inhibitor of the K+ Cl- cotransport system. *Proceedings of the National Academy of Sciences of the United States of America*, **1989**, 86, 4273-6	11.5	47
410	Genomics-First Evaluation of Heart Disease Associated With Titin-Truncating Variants. *Circulation*, **2019**, 140, 42-54	16.7	46
409	Genetic analysis for a shared biological basis between migraine and coronary artery disease. *Neurology: Genetics*, **2015**, 1, e10	3.8	46
408	Effects of niacin, statin, and fenofibrate on circulating proprotein convertase subtilisin/kexin type 9 levels in patients with dyslipidemia. *American Journal of Cardiology*, **2015**, 115, 178-82	3	46
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