Nilesh J Samani

List of Publications by Citations

304 papers	51,898 citations	93 h-index	227 g-index
325 ext. papers	63,674 ext. citations	14 avg, IF	5.99 L-index

#	Paper	IF	Citations
304	Biological, clinical and population relevance of 95 loci for blood lipids. *Nature*, **2010**, 466, 707-13	50.4	2742
303	Genetic studies of body mass index yield new insights for obesity biology. *Nature*, **2015**, 518, 197-206	50.4	2687
302	The mutational constraint spectrum quantified from variation in 141,456 humans. *Nature*, **2020**, 581, 434-443	50.4	2278
301	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. *Nature Genetics*, **2010**, 42, 937-48	36.3	2267
300	Discovery and refinement of loci associated with lipid levels. *Nature Genetics*, **2013**, 45, 1274-1283	36.3	1904
299	Replication of genome-wide association signals in UK samples reveals risk loci for type 2 diabetes. *Science*, **2007**, 316, 1336-41	33.3	1823
298	Genomewide association analysis of coronary artery disease. *New England Journal of Medicine*, **2007** , 357, 443-53	59.2	1608
297	Plasma HDL cholesterol and risk of myocardial infarction: a mendelian randomisation study. *Lancet, The*, **2012**, 380, 572-80	40	1523
296	Hundreds of variants clustered in genomic loci and biological pathways affect human height. *Nature*, **2010**, 467, 832-8	50.4	1514
295	Large-scale association analysis identifies 13 new susceptibility loci for coronary artery disease. *Nature Genetics*, **2011**, 43, 333-8	36.3	1394
294	Six new loci associated with body mass index highlight a neuronal influence on body weight regulation. *Nature Genetics*, **2009**, 41, 25-34	36.3	1368
293	Defining the role of common variation in the genomic and biological architecture of adult human height. *Nature Genetics*, **2014**, 46, 1173-86	36.3	1339
292	A comprehensive 1,000 Genomes-based genome-wide association meta-analysis of coronary artery disease. *Nature Genetics*, **2015**, 47, 1121-1130	36.3	1290
291	Large-scale association analysis identifies new risk loci for coronary artery disease. *Nature Genetics*, **2013**, 45, 25-33	36.3	1172
290	Genome-wide association study identifies eight loci associated with blood pressure. *Nature Genetics*, **2009**, 41, 666-76	36.3	970
289	New genetic loci link adipose and insulin biology to body fat distribution. *Nature*, **2015**, 518, 187-196	50.4	920
288	The gene encoding 5-lipoxygenase activating protein confers risk of myocardial infarction and stroke. *Nature Genetics*, **2004**, 36, 233-9	36.3	770

287	Human metabolic individuality in biomedical and pharmaceutical research. *Nature*, **2011**, 477, 54-60	50.4	728
286	Identification of seven loci affecting mean telomere length and their association with disease. *Nature Genetics*, **2013**, 45, 422-7, 427e1-2	36.3	624
285	Telomere length, risk of coronary heart disease, and statin treatment in the West of Scotland Primary Prevention Study: a nested case-control study. *Lancet, The*, **2007**, 369, 107-14	40	576
284	DNA methylation and body-mass index: a genome-wide analysis. *Lancet, The*, **2014**, 383, 1990-8	40	569
283	Meta-analysis and imputation refines the association of 15q25 with smoking quantity. *Nature Genetics*, **2010**, 42, 436-40	36.3	521
282	White cell telomere length and risk of premature myocardial infarction. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2003**, 23, 842-6	9.4	469
281	Exome sequencing identifies rare LDLR and APOA5 alleles conferring risk for myocardial infarction. *Nature*, **2015**, 518, 102-6	50.4	463
280	Genetic Loci associated with C-reactive protein levels and risk of coronary heart disease. *JAMA - Journal of the American Medical Association*, **2009**, 302, 37-48	27.4	459
279	Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. *Nature Genetics*, **2013**, 45, 501-12	36.3	437
278	Mendelian randomization of blood lipids for coronary heart disease. *European Heart Journal*, **2015**, 36, 539-50	9.5	417
277	Rare and low-frequency coding variants alter human adult height. *Nature*, **2017**, 542, 186-190	50.4	412
276	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
275	New susceptibility locus for coronary artery disease on chromosome 3q22.3. *Nature Genetics*, **2009**, 41, 280-2	36.3	389
274	Genome-wide haplotype association study identifies the SLC22A3-LPAL2-LPA gene cluster as a risk locus for coronary artery disease. *Nature Genetics*, **2009**, 41, 283-5	36.3	374
273	Association analyses based on false discovery rate implicate new loci for coronary artery disease. *Nature Genetics*, **2017**, 49, 1385-1391	36.3	361
272	Genome-wide association study identifies genes for biomarkers of cardiovascular disease: serum urate and dyslipidemia. *American Journal of Human Genetics*, **2008**, 82, 139-49	11	361
271	Genome-wide association study identifies six new loci influencing pulse pressure and mean arterial pressure. *Nature Genetics*, **2011**, 43, 1005-11	36.3	338
270	Rare variant in scavenger receptor BI raises HDL cholesterol and increases risk of coronary heart disease. *Science*, **2016**, 351, 1166-71	33.3	325

269	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
268	Concept, design and implementation of a cardiovascular gene-centric 50 k SNP array for large-scale genomic association studies. *PLoS ONE*, **2008**, 3, e3583	3.7	321
267	Genetic variants influencing circulating lipid levels and risk of coronary artery disease. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2010**, 30, 2264-76	9.4	318
266	Common variants at 10 genomic loci influence hemoglobin A[C) levels via glycemic and nonglycemic pathways. *Diabetes*, **2010**, 59, 3229-39	0.9	314
265	Genome-wide association analysis identifies novel blood pressure loci and offers biological insights into cardiovascular risk. *Nature Genetics*, **2017**, 49, 403-415	36.3	313
264	Repeated replication and a prospective meta-analysis of the association between chromosome 9p21.3 and coronary artery disease. *Circulation*, **2008**, 117, 1675-84	16.7	312
263	Meta-analysis of telomere length in 19,713 subjects reveals high heritability, stronger maternal inheritance and a paternal age effect. *European Journal of Human Genetics*, **2013**, 21, 1163-8	5.3	291
262	Genomic Risk Prediction of Coronary Artery Disease in 480,000 Adults: Implications for Primary Prevention. *Journal of the American College of Cardiology*, **2018**, 72, 1883-1893	15.1	285
261	Circulating plasma concentrations of angiotensin-converting enzyme 2 in men and women with heart failure and effects of renin-angiotensin-aldosterone inhibitors. *European Heart Journal*, **2020**, 41, 1810-1817	9.5	277
260	Common variants near TERC are associated with mean telomere length. *Nature Genetics*, **2010**, 42, 197-9	36.3	255
259	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
258	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
257	Genome-wide association study in Han Chinese identifies four new susceptibility loci for coronary artery disease. *Nature Genetics*, **2012**, 44, 890-4	36.3	243
256	Association Between Telomere Length and Risk of Cancer and Non-Neoplastic Diseases: A Mendelian Randomization Study. *JAMA Oncology*, **2017**, 3, 636-651	13.4	236
255	The impact of low-frequency and rare variants on lipid levels. *Nature Genetics*, **2015**, 47, 589-97	36.3	229
254	ANGPTL3 Deficiency and Protection Against Coronary Artery Disease. *Journal of the American College of Cardiology*, **2017**, 69, 2054-2063	15.1	226
253	A trans-acting locus regulates an anti-viral expression network and type 1 diabetes risk. *Nature*, **2010**, 467, 460-4	50.4	224
252	Trans-ancestry genome-wide association study identifies 12 genetic loci influencing blood pressure and implicates a role for DNA methylation. *Nature Genetics*, **2015**, 47, 1282-1293	36.3	223

251	Identification of heart rate-associated loci and their effects on cardiac conduction and rhythm disorders. *Nature Genetics*, **2013**, 45, 621-31	36.3	219
250	Mapping of a major locus that determines telomere length in humans. *American Journal of Human Genetics*, **2005**, 76, 147-51	11	210
249	Genetic association study of QT interval highlights role for calcium signaling pathways in myocardial repolarization. *Nature Genetics*, **2014**, 46, 826-36	36.3	199
248	Genome-wide association meta-analysis of human longevity identifies a novel locus conferring survival beyond 90 years of age. *Human Molecular Genetics*, **2014**, 23, 4420-32	5.6	188
247	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. *Nature Genetics*, **2018**, 50, 26-41	36.3	186
246	Dysfunctional nitric oxide signalling increases risk of myocardial infarction. *Nature*, **2013**, 504, 432-6	50.4	185
245	Fifteen new risk loci for coronary artery disease highlight arterial-wall-specific mechanisms. *Nature Genetics*, **2017**, 49, 1113-1119	36.3	184
244	Genomic prediction of coronary heart disease. *European Heart Journal*, **2016**, 37, 3267-3278	9.5	184
243	Determinants and clinical outcome of uptitration of ACE-inhibitors and beta-blockers in patients with heart failure: a prospective European study. *European Heart Journal*, **2017**, 38, 1883-1890	9.5	183
242	Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. *Nature Genetics*, **2016**, 48, 1151-1161	36.3	181
241	Meta-analysis of 65,734 individuals identifies TSPAN15 and SLC44A2 as two susceptibility loci for venous thromboembolism. *American Journal of Human Genetics*, **2015**, 96, 532-42	11	163
240	Genetically determined height and coronary artery disease. *New England Journal of Medicine*, **2015**, 372, 1608-18	59.2	152
239	KLB is associated with alcohol drinking, and its gene product β-Klotho is necessary for FGF21 regulation of alcohol preference. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 14372-14377	11.5	150
238	Integrative genomics reveals novel molecular pathways and gene networks for coronary artery disease. *PLoS Genetics*, **2014**, 10, e1004502	6	147
237	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
236	Inheritance of coronary artery disease in men: an analysis of the role of the Y chromosome. *Lancet, The*, **2012**, 379, 915-922	40	145
235	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
234	Variants near TERT and TERC influencing telomere length are associated with high-grade glioma risk. *Nature Genetics*, **2014**, 46, 731-5	36.3	141

233	Genome-wide association and Mendelian randomisation analysis provide insights into the pathogenesis of heart failure. *Nature Communications*, **2020**, 11, 163	17.4	140
232	Blood pressure loci identified with a gene-centric array. *American Journal of Human Genetics*, **2011**, 89, 688-700	11	137
231	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
230	Gene-centric meta-analysis in 87,736 individuals of European ancestry identifies multiple blood-pressure-related loci. *American Journal of Human Genetics*, **2014**, 94, 349-60	11	131
229	A genome-wide association study reveals variants in ARL15 that influence adiponectin levels. *PLoS Genetics*, **2009**, 5, e1000768	6	129
228	Large scale association analysis of novel genetic loci for coronary artery disease. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2009**, 29, 774-80	9.4	125
227	Genetic variation at chromosome 1p13.3 affects sortilin mRNA expression, cellular LDL-uptake and serum LDL levels which translates to the risk of coronary artery disease. *Atherosclerosis*, **2010**, 208, 183-9	3.1	123
226	Mendelian randomization studies in coronary artery disease. *European Heart Journal*, **2014**, 35, 1917-24	9.5	122
225	Lifelong reduction of LDL-cholesterol related to a common variant in the LDL-receptor gene decreases the risk of coronary artery disease--a Mendelian Randomisation study. *PLoS ONE*, **2008**, 3, e2986	3.7	117
224	Genetic regulation of serum phytosterol levels and risk of coronary artery disease. *Circulation: Cardiovascular Genetics*, **2010**, 3, 331-9		116
223	Genetic determinants of diastolic and pulse pressure map to different loci in Lyon hypertensive rats. *Nature Genetics*, **1993**, 3, 354-7	36.3	116
222	Development and validation of multivariable models to predict mortality and hospitalization in patients with heart failure. *European Journal of Heart Failure*, **2017**, 19, 627-634	12.3	110
221	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
220	Identifying Pathophysiological Mechanisms in Heart Failure With Reduced Versus Preserved Ejection Fraction. *Journal of the American College of Cardiology*, **2018**, 72, 1081-1090	15.1	108
219	Beyond "misunderstanding": written information and decisions about taking part in a genetic epidemiology study. *Social Science and Medicine*, **2007**, 65, 2212-22	5.1	108
218	Association of WNK1 gene polymorphisms and haplotypes with ambulatory blood pressure in the general population. *Circulation*, **2005**, 112, 3423-9	16.7	105
217	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
216	A genome-wide association study identifies LIPA as a susceptibility gene for coronary artery disease. *Circulation: Cardiovascular Genetics*, **2011**, 4, 403-12		98

215	Risk Factors for Nonadherence to Antihypertensive Treatment. *Hypertension*, **2017**, 69, 1113-1120	8.5	95
214	Common variants in genes underlying monogenic hypertension and hypotension and blood pressure in the general population. *Hypertension*, **2008**, 51, 1658-64	8.5	95
213	A genomewide linkage study of 1,933 families affected by premature coronary artery disease: The British Heart Foundation (BHF) Family Heart Study. *American Journal of Human Genetics*, **2005**, 77, 1011-20	11	95
212	A systems BIOlogy Study to TAilored Treatment in Chronic Heart Failure: rationale, design, and baseline characteristics of BIOSTAT-CHF. *European Journal of Heart Failure*, **2016**, 18, 716-26	12.3	94
211	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
210	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
209	Genetic variants linked to education predict longevity. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 13366-13371	11.5	90
208	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
207	Novel Blood Pressure Locus and Gene Discovery Using Genome-Wide Association Study and Expression Data Sets From Blood and the Kidney. *Hypertension*, **2017**,	8.5	85
206	Identifying optimal doses of heart failure medications in men compared with women: a prospective, observational, cohort study. *Lancet, The*, **2019**, 394, 1254-1263	40	83
205	Leukocyte telomere length associates with prospective mortality independent of immune-related parameters and known genetic markers. *International Journal of Epidemiology*, **2014**, 43, 878-86	7.8	83
204	The clinical significance of interleukin-6 in heart failure: results from the BIOSTAT-CHF study. *European Journal of Heart Failure*, **2019**, 21, 965-973	12.3	81
203	The PDGF-BB-SOX7 axis-modulated IL-33 in pericytes and stromal cells promotes metastasis through tumour-associated macrophages. *Nature Communications*, **2016**, 7, 11385	17.4	80
202	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
201	Transcription profiling in human platelets reveals LRRFIP1 as a novel protein regulating platelet function. *Blood*, **2010**, 116, 4646-56	2.2	77
200	Coronary artery disease-associated locus on chromosome 9p21 and early markers of atherosclerosis. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2008**, 28, 1679-83	9.4	77
199	A gene differentially expressed in the kidney of the spontaneously hypertensive rat cosegregates with increased blood pressure. *Journal of Clinical Investigation*, **1993**, 92, 1099-103	15.9	77
198	52 Genetic Loci Influencing Myocardial Mass. *Journal of the American College of Cardiology*, **2016**, 68, 1435-1448	15.1	76

197	Exome sequencing and directed clinical phenotyping diagnose cholesterol ester storage disease presenting as autosomal recessive hypercholesterolemia. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2013**, 33, 2909-14	9.4	76
196	Genetics of myocardial infarction: a progress report. *European Heart Journal*, **2010**, 31, 918-25	9.5	76
195	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
194	Comparative analysis of genome-wide association studies signals for lipids, diabetes, and coronary heart disease: Cardiovascular Biomarker Genetics Collaboration. *European Heart Journal*, **2012**, 33, 393-407	9.5	75
193	Non-cardiac comorbidities in heart failure with reduced, mid-range and preserved ejection fraction. *International Journal of Cardiology*, **2018**, 271, 132-139	3.2	74
192	Genetic associations for activated partial thromboplastin time and prothrombin time, their gene expression profiles, and risk of coronary artery disease. *American Journal of Human Genetics*, **2012**, 91, 152-62	11	73
191	The impact of newly identified loci on coronary heart disease, stroke and total mortality in the MORGAM prospective cohorts. *Genetic Epidemiology*, **2009**, 33, 237-46	2.6	73
190	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
189	The novel genetic variant predisposing to coronary artery disease in the region of the PSRC1 and CELSR2 genes on chromosome 1 associates with serum cholesterol. *Journal of Molecular Medicine*, **2008**, 86, 1233-41	5.5	69
188	Elevated C-reactive protein in atherosclerosis--chicken or egg?. *New England Journal of Medicine*, **2008**, 359, 1953-5	59.2	67
187	Cystatin C and Cardiovascular Disease: A Mendelian Randomization Study. *Journal of the American College of Cardiology*, **2016**, 68, 934-45	15.1	65
186	Insertion/deletion polymorphism in the angiotensin-converting enzyme gene and risk of restenosis after coronary angioplasty. *Lancet, The*, **1995**, 345, 1013-6	40	62
185	Platelet-Related Variants Identified by Exomechip Meta-analysis in 157,293 Individuals. *American Journal of Human Genetics*, **2016**, 99, 40-55	11	61
184	Long noncoding RNA NEXN-AS1 mitigates atherosclerosis by regulating the actin-binding protein NEXN. *Journal of Clinical Investigation*, **2019**, 129, 1115-1128	15.9	61
183	A Large-Scale Multi-ancestry Genome-wide Study Accounting for Smoking Behavior Identifies Multiple Significant Loci for Blood Pressure. *American Journal of Human Genetics*, **2018**, 102, 375-400	11	59
182	Discovery and Fine-Mapping of Glycaemic and Obesity-Related Trait Loci Using High-Density Imputation. *PLoS Genetics*, **2015**, 11, e1005230	6	59
181	Genetic architecture of ambulatory blood pressure in the general population: insights from cardiovascular gene-centric array. *Hypertension*, **2010**, 56, 1069-76	8.5	59
180	Association between the coronary artery disease risk locus on chromosome 9p21.3 and abdominal aortic aneurysm. *Circulation: Cardiovascular Genetics*, **2008**, 1, 39-42		57

179	Association between the chromosome 9p21 locus and angiographic coronary artery disease burden: a collaborative meta-analysis. *Journal of the American College of Cardiology*, **2013**, 61, 957-70	15.1	56
178	Waist-to-hip ratio and mortality in heart failure. *European Journal of Heart Failure*, **2018**, 20, 1269-1277	12.3	56
177	Endothelial PDGF-CC regulates angiogenesis-dependent thermogenesis in beige fat. *Nature Communications*, **2016**, 7, 12152	17.4	55
176	Genetic predisposition to higher blood pressure increases coronary artery disease risk. *Hypertension*, **2013**, 61, 995-1001	8.5	55
175	A regulatory SNP of the BICD1 gene contributes to telomere length variation in humans. *Human Molecular Genetics*, **2008**, 17, 2518-23	5.6	54
174	Genetic dissection of region around the Sa gene on rat chromosome 1: evidence for multiple loci affecting blood pressure. *Hypertension*, **2001**, 38, 216-21	8.5	54
173	The relationship between plasma angiopoietin-like protein 4 levels, angiopoietin-like protein 4 genotype, and coronary heart disease risk. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2010**, 30, 2277-82	9.4	53
172	Glycoprotein IIIa polymorphism and risk of myocardial infarction. *Cardiovascular Research*, **1997**, 33, 693-7	7.9	52
171	Analysis of quantitative trait loci for blood pressure on rat chromosomes 2 and 13. Age-related differences in effect. *Hypertension*, **1996**, 28, 1118-22	8.5	51
170	Age- and sex-specific causal effects of adiposity on cardiovascular risk factors. *Diabetes*, **2015**, 64, 1841-52	7.9	50
169	Successful isolation of a rat chromosome 1 blood pressure quantitative trait locus in reciprocal congenic strains. *Hypertension*, **1998**, 32, 639-46	8.5	50
168	Comparison of exercise testing and CMR measured myocardial perfusion reserve for predicting outcome in asymptomatic aortic stenosis: the PRognostic Importance of MIcrovascular Dysfunction in Aortic Stenosis (PRIMID AS) Study. *European Heart Journal*, **2017**, 38, 1222-1229	9.5	49
167	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
166	DCAF4, a novel gene associated with leucocyte telomere length. *Journal of Medical Genetics*, **2015**, 52, 157-62	5.8	48
165	Genome-wide haplotype analysis of cis expression quantitative trait loci in monocytes. *PLoS Genetics*, **2013**, 9, e1003240	6	47
164	Male-specific region of the Y chromosome and cardiovascular risk: phylogenetic analysis and gene expression studies. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2013**, 33, 1722-7	9.4	46
163	Mineralocorticoid receptor antagonist pattern of use in heart failure with reduced ejection fraction: findings from BIOSTAT-CHF. *European Journal of Heart Failure*, **2017**, 19, 1284-1293	12.3	46
162	Meta-analysis of up to 622,409 individuals identifies 40 novel smoking behaviour associated genetic loci. *Molecular Psychiatry*, **2020**, 25, 2392-2409	15.1	45

161	A widespread abnormality of renin gene expression in the spontaneously hypertensive rat: modulation in some tissues with the development of hypertension. *Clinical Science*, **1989**, 77, 629-36	6.5	44
160	Protein-coding variants implicate novel genes related to lipid homeostasis contributing to body-fat distribution. *Nature Genetics*, **2019**, 51, 452-469	36.3	44
159	Modulation of age-related insulin sensitivity by VEGF-dependent vascular plasticity in adipose tissues. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 14906-11	11.5	43
158	Genetic Variation Associated with Longer Telomere Length Increases Risk of Chronic Lymphocytic Leukemia. *Cancer Epidemiology Biomarkers and Prevention*, **2016**, 25, 1043-9	4	43
157	Potassium and the use of renin-angiotensin-aldosterone system inhibitors in heart failure with reduced ejection fraction: data from BIOSTAT-CHF. *European Journal of Heart Failure*, **2018**, 20, 923-930	12.3	41
156	Spontaneous Coronary Artery Dissection: Pathophysiological Insights From Optical Coherence Tomography. *JACC: Cardiovascular Imaging*, **2019**, 12, 2475-2488	8.4	40
155	Genome-wide Association Analysis in Humans Links Nucleotide Metabolism to Leukocyte Telomere Length. *American Journal of Human Genetics*, **2020**, 106, 389-404	11	40
154	The personal genome--the future of personalised medicine?. *Lancet, The*, **2010**, 375, 1497-8	40	39
153	Loss of Cardioprotective Effects at the Locus as a Result of Gene-Smoking Interactions. *Circulation*, **2017**, 135, 2336-2353	16.7	36
152	Alpha-adducin polymorphism in hypertensives of South African ancestry. *American Journal of Hypertension*, **2000**, 13, 719-23	2.3	36
151	A miR-327-FGF10-FGFR2-mediated autocrine signaling mechanism controls white fat browning. *Nature Communications*, **2017**, 8, 2079	17.4	35
150	Signatures of miR-181a on the Renal Transcriptome and Blood Pressure. *Molecular Medicine*, **2015**, 21, 739-748	6.2	35
149	A common variant in low-density lipoprotein receptor-related protein 6 gene (LRP6) is associated with LDL-cholesterol. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2009**, 29, 1316-21	9.4	33
148	Fibroblast growth factor 23 is related to profiles indicating volume overload, poor therapy optimization and prognosis in patients with new-onset and worsening heart failure. *International Journal of Cardiology*, **2018**, 253, 84-90	3.2	32
147	New alcohol-related genes suggest shared genetic mechanisms with neuropsychiatric disorders. *Nature Human Behaviour*, **2019**, 3, 950-961	12.8	32
146	Inherited myeloproliferative neoplasm risk affects haematopoietic stem cells. *Nature*, **2020**, 586, 769-775	50.4	32
145	Network analysis of coronary artery disease risk genes elucidates disease mechanisms and druggable targets. *Scientific Reports*, **2018**, 8, 3434	4.9	31
144	Large-scale candidate gene analysis of HDL particle features. *PLoS ONE*, **2011**, 6, e14529	3.7	31

143	ms1, a novel stress-responsive, muscle-specific gene that is up-regulated in the early stages of pressure overload-induced left ventricular hypertrophy. *FEBS Letters*, **2002**, 521, 100-4	3.8	31
142	Adult height and risk of 50 diseases: a combined epidemiological and genetic analysis. *BMC Medicine*, **2018**, 16, 187	11.4	31
141	Telomere length and outcome in heart failure. *Annals of Medicine*, **2010**, 42, 36-44	1.5	30
140	Chromosome 9p21 and cardiovascular disease: the story unfolds. *Circulation: Cardiovascular Genetics*, **2008**, 1, 81-4		29
139	Coronary artery disease-related genetic variant on chromosome 10q11 is associated with carotid intima-media thickness and atherosclerosis. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2010**, 30, 2678-83	9.4	28
138	Polygenic risk scores in cardiovascular risk prediction: A cohort study and modelling analyses. *PLoS Medicine*, **2021**, 18, e1003498	11.6	27
137	Genetic Risk Score for Coronary Disease Identifies Predispositions to Cardiovascular and Noncardiovascular Diseases. *Journal of the American College of Cardiology*, **2019**, 73, 2932-2942	15.1	26
136	Uncovering genetic mechanisms of kidney aging through transcriptomics, genomics, and epigenomics. *Kidney International*, **2019**, 95, 624-635	9.9	26
135	Runs of Homozygosity: Association with Coronary Artery Disease and Gene Expression in Monocytes and Macrophages. *American Journal of Human Genetics*, **2015**, 97, 228-37	11	25
134	Exome-chip meta-analysis identifies novel loci associated with cardiac conduction, including ADAMTS6. *Genome Biology*, **2018**, 19, 87	18.3	25
133	Large-Scale Analysis of Determinants, Stability, and Heritability of High-Density Lipoprotein Cholesterol Efflux Capacity. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2017**, 37, 1956-1962	9.4	25
132	Genetic associations with lipoprotein subfractions provide information on their biological nature. *Human Molecular Genetics*, **2012**, 21, 1433-43	5.6	25
131	Sorting out cholesterol and coronary artery disease. *New England Journal of Medicine*, **2010**, 363, 2462-3	59.2	25
130	Novel endotypes in heart failure: effects on guideline-directed medical therapy. *European Heart Journal*, **2018**, 39, 4269-4276	9.5	25
129	The PCSK9-LDL Receptor Axis and Outcomes in Heart Failure: BIOSTAT-CHF Subanalysis. *Journal of the American College of Cardiology*, **2017**, 70, 2128-2136	15.1	24
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