Nilesh J Samani

List of Publications by Year in Descending Order

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	Measurement and initial characterization of leukocyte telomere length in 474,074 participants in UK Biobank. *Nature Aging*, **2022**, 2, 170-179		5
303	Elucidating mechanisms of genetic cross-disease associations at the PROCR vascular disease locus.. *Nature Communications*, **2022**, 13, 1222	17.4	0
302	Clinical impact of changes in mitral regurgitation severity after medical therapy optimization in heart failure.. *Clinical Research in Cardiology*, **2022**, 1	6.1	0
301	Association of shorter leucocyte telomere length with risk of frailty.. *Journal of Cachexia, Sarcopenia and Muscle*, **2022**,	10.3	1
300	Mendelian randomization supports bidirectional causality between telomere length and clonal hematopoiesis of indeterminate potential.. *Science Advances*, **2022**, 8, eabl6579	14.3	3
299	Heteroplasmic mitochondrial DNA variants in cardiovascular diseases.. *PLoS Genetics*, **2022**, 18, e1010068	6	2
298	Investigation of a UK biobank cohort reveals causal associations of self-reported walking pace with telomere length.. *Communications Biology*, **2022**, 5, 381	6.7	2
297	Effects of late, repetitive remote ischaemic conditioning on myocardial strain in patients with acute myocardial infarction.. *Basic Research in Cardiology*, **2022**, 117, 23	11.8	0
296	Modifiable traits, healthy behaviours, and leukocyte telomere length: a population-based study in UK Biobank. *The Lancet Healthy Longevity*, **2022**, 3, e321-e331	9.5	3
295	Exploring the Genetic Architecture of Spontaneous Coronary Artery Dissection Using Whole-Genome Sequencing.. *Circulation Genomic and Precision Medicine*, **2022**, 101161CIRCGEN121003527	5.2	1
294	Prevalence and Disease Spectrum of Extracoronary Arterial Abnormalities in Spontaneous Coronary Artery Dissection. *JAMA Cardiology*, **2021**,	16.2	4
293	Polygenic basis and biomedical consequences of telomere length variation. *Nature Genetics*, **2021**, 53, 1425-1433	36.3	15
292	The value of spot urinary creatinine as a marker of muscle wasting in patients with new-onset or worsening heart failure. *Journal of Cachexia, Sarcopenia and Muscle*, **2021**, 12, 555-567	10.3	3
291	Machine learning based on biomarker profiles identifies distinct subgroups of heart failure with preserved ejection fraction. *European Journal of Heart Failure*, **2021**, 23, 983-991	12.3	16
290	Quality of life in men and women with heart failure: association with outcome, and comparison between the Kansas City Cardiomyopathy Questionnaire and the EuroQol 5 dimensions questionnaire. *European Journal of Heart Failure*, **2021**, 23, 567-577	12.3	3
289	Differential miRNAs in acute spontaneous coronary artery dissection: Pathophysiological insights from a potential biomarker. *EBioMedicine*, **2021**, 66, 103338	8.8	3
288	Cis-epistasis at the LPA locus and risk of cardiovascular diseases. *Cardiovascular Research*, **2021**,	9.9	6

287	Vascular histopathology and connective tissue ultrastructure in spontaneous coronary artery dissection: pathophysiological and clinical implications. *Cardiovascular Research*, **2021**,	9.9	6
286	Association between up-titration of medical therapy and total hospitalizations and mortality in patients with recent worsening heart failure across the ejection fraction spectrum. *European Journal of Heart Failure*, **2021**, 23, 1170-1181	12.3	5
285	Is acute heart failure a distinctive disorder? An analysis from BIOSTAT-CHF. *European Journal of Heart Failure*, **2021**, 23, 43-57	12.3	5
284	Professor Anthony H. Gershlick. *European Heart Journal*, **2021**, 42, 1455-1457	9.5	
283	Polygenic risk scores in cardiovascular risk prediction: A cohort study and modelling analyses. *PLoS Medicine*, **2021**, 18, e1003498	11.6	27
282	Novel Variants in Five Families with Aortic/Arterial Aneurysm and Dissection with Variable Connective Tissue Findings. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	0
281	Impact of mitral regurgitation in patients with worsening heart failure: insights from BIOSTAT-CHF. *European Journal of Heart Failure*, **2021**, 23, 1750-1758	12.3	8
280	Shorter leukocyte telomere length is associated with adverse COVID-19 outcomes: A cohort study in UK Biobank. *EBioMedicine*, **2021**, 70, 103485	8.8	13
279	The genomics of heart failure: design and rationale of the HERMES consortium. *ESC Heart Failure*, **2021**,	3.7	1
278	Leaders in Cardiovascular Research: Nilesh J. Samani. *Cardiovascular Research*, **2021**, 117, e144-e146	9.9	
277	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
276	The mutational constraint spectrum quantified from variation in 141,456 humans. *Nature*, **2020**, 581, 434-443	50.4	2278
275	Multi-ancestry GWAS of the electrocardiographic PR interval identifies 202 loci underlying cardiac conduction. *Nature Communications*, **2020**, 11, 2542	17.4	16
274	Clinical determinants and prognostic implications of renin and aldosterone in patients with symptomatic heart failure. *ESC Heart Failure*, **2020**, 7, 953-963	3.7	3
273	Genome-wide Association Analysis in Humans Links Nucleotide Metabolism to Leukocyte Telomere Length. *American Journal of Human Genetics*, **2020**, 106, 389-404	11	40
272	Genetics of educational attainment and coronary risk in Mendelian randomization studies. *European Heart Journal*, **2020**, 41, 894-895	9.5	3
271	Geographical differences in heart failure characteristics and treatment across Europe: results from the BIOSTAT-CHF study. *Clinical Research in Cardiology*, **2020**, 109, 967-977	6.1	3
270	Exome Sequencing Analysis Identifies Rare Variants in and That Are Associated With Shorter Telomere Length. *Frontiers in Genetics*, **2020**, 11, 337	4.5	1

269	A network analysis to identify pathophysiological pathways distinguishing ischaemic from non-ischaemic heart failure. *European Journal of Heart Failure*, **2020**, 22, 821-833	12.3	11
268	Plasma proteomic approach in patients with heart failure: insights into pathogenesis of disease progression and potential novel treatment targets. *European Journal of Heart Failure*, **2020**, 22, 70-80	12.3	14
267	Concentric vs. eccentric remodelling in heart failure with reduced ejection fraction: clinical characteristics, pathophysiology and response to treatment. *European Journal of Heart Failure*, **2020**, 22, 1147-1155	12.3	22
266	Evidence for Accelerated Biological Aging in Young Adults with Prader-Willi Syndrome. *Journal of Clinical Endocrinology and Metabolism*, **2020**, 105,	5.6	4
265	Genome-wide association and Mendelian randomisation analysis provide insights into the pathogenesis of heart failure. *Nature Communications*, **2020**, 11, 163	17.4	140
264	The role of cathepsin D in the pathophysiology of heart failure and its potentially beneficial properties: a translational approach. *European Journal of Heart Failure*, **2020**, 22, 2102-2111	12.3	9
263	Chronic infarct size after spontaneous coronary artery dissection: implications for pathophysiology and clinical management. *European Heart Journal*, **2020**, 41, 2197-2205	9.5	15
262	Inherited myeloproliferative neoplasm risk affects haematopoietic stem cells. *Nature*, **2020**, 586, 769-775	50.4	32
261	Association of Factor V Leiden With Subsequent Atherothrombotic Events: A GENIUS-CHD Study of Individual Participant Data. *Circulation*, **2020**, 142, 546-555	16.7	5
260	Novel loss of function mutation in NOTCH1 in a family with bicuspid aortic valve, ventricular septal defect, thoracic aortic aneurysm, and aortic valve stenosis. *Molecular Genetics & Genomic Medicine*, **2020**, 8, e1437	2.3	5
259	Genetic Associations With Plasma Angiotensin Converting Enzyme 2 Concentration: Potential Relevance to COVID-19 Risk. *Circulation*, **2020**, 142, 1117-1119	16.7	11
258	Spontaneous Coronary Artery Dissection: Insights on Rare Genetic Variation From Genome Sequencing. *Circulation Genomic and Precision Medicine*, **2020**, 13, e003030	5.2	14
257	Heterozygous Gene Deficiency and Risk of Coronary Artery Disease. *Circulation Genomic and Precision Medicine*, **2020**, 13, 417-423	5.2	21
256	Enrichment of Rare Variants in Loeys-Dietz Syndrome Genes in Spontaneous Coronary Artery Dissection but Not in Severe Fibromuscular Dysplasia. *Circulation*, **2020**, 142, 1021-1024	16.7	15
255	Genetic Predisposition to Coronary Artery Disease in Type 2 Diabetes Mellitus. *Circulation Genomic and Precision Medicine*, **2020**, 13, e002769	5.2	1
254	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
253	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
252	Genetically modulated educational attainment and coronary disease risk. *European Heart Journal*, **2019**, 40, 2413-2420	9.5	20

251	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
250	HHIPL1, a Gene at the 14q32 Coronary Artery Disease Locus, Positively Regulates Hedgehog Signaling and Promotes Atherosclerosis. *Circulation*, **2019**, 140, 500-513	16.7	15
249	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
248	Subsequent Event Risk in Individuals With Established Coronary Heart Disease. *Circulation Genomic and Precision Medicine*, **2019**, 12, e002470	5.2	13
247	Association of Chromosome 9p21 With Subsequent Coronary Heart Disease Events. *Circulation Genomic and Precision Medicine*, **2019**, 12, e002471	5.2	14
246	Spontaneous Coronary Artery Dissection: Pathophysiological Insights From Optical Coherence Tomography. *JACC: Cardiovascular Imaging*, **2019**, 12, 2475-2488	8.4	40
245	Metabolomics reveals a link between homocysteine and lipid metabolism and leukocyte telomere length: the ENGAGE consortium. *Scientific Reports*, **2019**, 9, 11623	4.9	2
244	A flexible and parallelizable approach to genome-wide polygenic risk scores. *Genetic Epidemiology*, **2019**, 43, 730-741	2.6	17
243	New alcohol-related genes suggest shared genetic mechanisms with neuropsychiatric disorders. *Nature Human Behaviour*, **2019**, 3, 950-961	12.8	32
242	Effects of Calcium, Magnesium, and Potassium Concentrations on Ventricular Repolarization in Unselected Individuals. *Journal of the American College of Cardiology*, **2019**, 73, 3118-3131	15.1	12
241	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
240	Protein-coding variants implicate novel genes related to lipid homeostasis contributing to body-fat distribution. *Nature Genetics*, **2019**, 51, 452-469	36.3	44
239	Uncovering genetic mechanisms of kidney aging through transcriptomics, genomics, and epigenomics. *Kidney International*, **2019**, 95, 624-635	9.9	26
238	Clinical correlates and outcome associated with changes in 6-minute walking distance in patients with heart failure: findings from the BIOSTAT-CHF study. *European Journal of Heart Failure*, **2019**, 21, 218-226	12.3	13
237	£30 million award to transform cardiovascular research. *Cardiovascular Research*, **2019**, 115, e7-e8	9.9	
236	Prognostic significance of changes in heart rate following uptitration of beta-blockers in patients with sub-optimally treated heart failure with reduced ejection fraction in sinus rhythm versus atrial fibrillation. *Clinical Research in Cardiology*, **2019**, 108, 797-805	6.1	7
235	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
234	The narrow-sense and common single nucleotide polymorphism heritability of early repolarization. *International Journal of Cardiology*, **2019**, 279, 135-140	3.2	3

233	Network analysis of coronary artery disease risk genes elucidates disease mechanisms and druggable targets. *Scientific Reports*, **2018**, 8, 3434	4.9	31
232	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
231	Biomarker-Guided Versus Guideline-Based Treatment of Patients With Heart Failure: Results From BIOSTAT-CHF. *Journal of the American College of Cardiology*, **2018**, 71, 386-398	15.1	22
230	Proteomic diversity of high-density lipoprotein explains its association with clinical outcome in patients with heart failure. *European Journal of Heart Failure*, **2018**, 20, 260-267	12.3	19
229	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
228	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
227	Evidence for reduced susceptibility to cardiac bradycardias in South Asians compared with Caucasians. *Heart*, **2018**, 104, 1350-1355	5.1	5
226	Exome-chip meta-analysis identifies novel loci associated with cardiac conduction, including ADAMTS6. *Genome Biology*, **2018**, 19, 87	18.3	25
225	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
224	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
223	Coronary angiography in worsening heart failure: determinants, findings and prognostic implications. *Heart*, **2018**, 104, 606-613	5.1	9
222	Using matrix assisted laser desorption ionisation mass spectrometry (MALDI-MS) profiling in order to predict clinical outcomes of patients with heart failure. *Clinical Proteomics*, **2018**, 15, 35	5	5
221	Novel endotypes in heart failure: effects on guideline-directed medical therapy. *European Heart Journal*, **2018**, 39, 4269-4276	9.5	25
220	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
219	Adult height and risk of 50 diseases: a combined epidemiological and genetic analysis. *BMC Medicine*, **2018**, 16, 187	11.4	31
218	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
217	JCAD, a Gene at the 10p11 Coronary Artery Disease Locus, Regulates Hippo Signaling in Endothelial Cells. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2018**, 38, 1711-1722	9.4	19
216	Daily remote ischaemic conditioning following acute myocardial infarction: a randomised controlled trial. *Heart*, **2018**, 104, 1955-1962	5.1	11

215	Waist-to-hip ratio and mortality in heart failure. *European Journal of Heart Failure*, **2018**, 20, 1269-1277	12.3	56
214	Determinants of day-night difference in blood pressure, a comparison with determinants of daytime and night-time blood pressure. *Journal of Human Hypertension*, **2017**, 31, 43-48	2.6	6
213	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
212	Rare and low-frequency coding variants alter human adult height. *Nature*, **2017**, 542, 186-190	50.4	412
211	Coronary Artery Disease-Associated Coding Variant rs1051338 Reduces Lysosomal Acid Lipase Levels and Activity in Lysosomes. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2017**, 37, 1050-1057	9.4	23
210	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
209	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
208	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
207	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
206	Discovery of novel heart rate-associated loci using the Exome Chip. *Human Molecular Genetics*, **2017**, 26, 2346-2363	5.6	17
205	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
204	Loss of Cardioprotective Effects at the Locus as a Result of Gene-Smoking Interactions. *Circulation*, **2017**, 135, 2336-2353	16.7	36
203	Risk Factors for Nonadherence to Antihypertensive Treatment. *Hypertension*, **2017**, 69, 1113-1120	8.5	95
202	Fifteen new risk loci for coronary artery disease highlight arterial-wall-specific mechanisms. *Nature Genetics*, **2017**, 49, 1113-1119	36.3	184
201	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
200	ANGPTL3 Deficiency and Protection Against Coronary Artery Disease. *Journal of the American College of Cardiology*, **2017**, 69, 2054-2063	15.1	226
199	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
198	Impact of Selection Bias on Estimation of Subsequent Event Risk. *Circulation: Cardiovascular Genetics*, **2017**, 10,		19

197	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
196	Switching harmful visceral fat to beneficial energy combustion improves metabolic dysfunctions. *JCI Insight*, **2017**, 2, e89044	9.9	16
195	A genomic exploration identifies mechanisms that may explain adverse cardiovascular effects of COX-2 inhibitors. *Scientific Reports*, **2017**, 7, 10252	4.9	10
194	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
193	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
192	Association analyses based on false discovery rate implicate new loci for coronary artery disease. *Nature Genetics*, **2017**, 49, 1385-1391	36.3	361
191	A miR-327-FGF10-FGFR2-mediated autocrine signaling mechanism controls white fat browning. *Nature Communications*, **2017**, 8, 2079	17.4	35
190	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
189	Genomic correlates of glatiramer acetate adverse cardiovascular effects lead to a novel locus mediating coronary risk. *PLoS ONE*, **2017**, 12, e0182999	3.7	3
188	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
187	KLB is associated with alcohol drinking, and its gene product 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
186	52 Genetic Loci Influencing Myocardial Mass. *Journal of the American College of Cardiology*, **2016**, 68, 1435-1448	15.1	76
185	Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. *Nature Genetics*, **2016**, 48, 1151-1161	36.3	181
184	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
183	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
182	Endothelial PDGF-CC regulates angiogenesis-dependent thermogenesis in beige fat. *Nature Communications*, **2016**, 7, 12152	17.4	55
181	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
180	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

179	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
178	Platelet-Related Variants Identified by Exomechip Meta-analysis in 157,293 Individuals. *American Journal of Human Genetics*, **2016**, 99, 40-55	11	61
177	Remote ischaemic conditioning and remodelling following myocardial infarction: current evidence and future perspectives. *Heart Failure Reviews*, **2016**, 21, 635-43	5	4
176	Rare variant in scavenger receptor BI raises HDL cholesterol and increases risk of coronary heart disease. *Science*, **2016**, 351, 1166-71	33.3	325
175	Endocrine vasculatures are preferable targets of an antitumor ineffective low dose of anti-VEGF therapy. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 4158-63	11.5	18
174	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
173	The Coronary Artery Disease-associated Coding Variant in Zinc Finger C3HC-type Containing 1 (ZC3HC1) Affects Cell Cycle Regulation. *Journal of Biological Chemistry*, **2016**, 291, 16318-27	5.4	11
172	Genetic Variation Associated with Longer Telomere Length Increases Risk of Chronic Lymphocytic Leukemia. *Cancer Epidemiology Biomarkers and Prevention*, **2016**, 25, 1043-9	4	43
171	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
170	Cystatin C and Cardiovascular Disease: A Mendelian Randomization Study. *Journal of the American College of Cardiology*, **2016**, 68, 934-45	15.1	65
169	Genomic prediction of coronary heart disease. *European Heart Journal*, **2016**, 37, 3267-3278	9.5	184
168	Analysis with the exome array identifies multiple new independent variants in lipid loci. *Human Molecular Genetics*, **2016**, 25, 4094-4106	5.6	14
167	Age- and sex-specific causal effects of adiposity on cardiovascular risk factors. *Diabetes*, **2015**, 64, 1841-52	8.29	50
166	Genetic variants primarily associated with type 2 diabetes are related to coronary artery disease risk. *Atherosclerosis*, **2015**, 241, 419-26	3.1	23
165	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
164	Genetic analysis of leukocyte type-I interferon production and risk of coronary artery disease. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2015**, 35, 1456-62	9.4	11
163	Statin treatment: can genetics sharpen the focus?. *Lancet, The*, **2015**, 385, 2227-9	40	9
162	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

161	Cumulative effects of common genetic variants on risk of sudden cardiac death. *IJC Heart and Vasculature*, **2015**, 7, 88-91	2.4	6
160	Mendelian randomization of blood lipids for coronary heart disease. *European Heart Journal*, **2015**, 36, 539-50	9.5	417
159	The impact of low-frequency and rare variants on lipid levels. *Nature Genetics*, **2015**, 47, 589-97	36.3	229
158	Renal Mechanisms of Association between Fibroblast Growth Factor 1 and Blood Pressure. *Journal of the American Society of Nephrology: JASN*, **2015**, 26, 3151-60	12.7	12
157	Genetically determined height and coronary artery disease. *New England Journal of Medicine*, **2015**, 372, 1608-18	59.2	152
156	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
155	VEGF-B-Neuropilin-1 signaling is spatiotemporally indispensable for vascular and neuronal development in zebrafish. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, E5944-53	11.5	24
154	A comprehensive 1,000 Genomes-based genome-wide association meta-analysis of coronary artery disease. *Nature Genetics*, **2015**, 47, 1121-1130	36.3	1290
153	Exome sequencing identifies rare LDLR and APOA5 alleles conferring risk for myocardial infarction. *Nature*, **2015**, 518, 102-6	50.4	463
152	Analysis of gene-gene interactions among common variants in candidate cardiovascular genes in coronary artery disease. *PLoS ONE*, **2015**, 10, e0117684	3.7	8
151	Discovery and Fine-Mapping of Glycaemic and Obesity-Related Trait Loci Using High-Density Imputation. *PLoS Genetics*, **2015**, 11, e1005230	6	59
150	Signatures of miR-181a on the Renal Transcriptome and Blood Pressure. *Molecular Medicine*, **2015**, 21, 739-748	6.2	35
149	DCAF4, a novel gene associated with leucocyte telomere length. *Journal of Medical Genetics*, **2015**, 52, 157-62	5.8	48
148	New genetic loci link adipose and insulin biology to body fat distribution. *Nature*, **2015**, 518, 187-196	50.4	920
147	Genetic studies of body mass index yield new insights for obesity biology. *Nature*, **2015**, 518, 197-206	50.4	2687
146	DNA methylation and body-mass index: a genome-wide analysis. *Lancet, The*, **2014**, 383, 1990-8	40	569
145	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
144	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

143	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
142	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
141	Genetic association study of QT interval highlights role for calcium signaling pathways in myocardial repolarization. *Nature Genetics*, **2014**, 46, 826-36	36.3	199
140	Variants near TERT and TERC influencing telomere length are associated with high-grade glioma risk. *Nature Genetics*, **2014**, 46, 731-5	36.3	141
139	Prospective evaluation of two novel ECG-based restitution biomarkers for prediction of sudden cardiac death risk in ischaemic cardiomyopathy. *Heart*, **2014**, 100, 1878-85	5.1	23
138	Mendelian randomization studies in coronary artery disease. *European Heart Journal*, **2014**, 35, 1917-24	9.5	122
137	Resuscitated cardiac arrest and prognosis following myocardial infarction. *Heart*, **2014**, 100, 1125-32	5.1	15
136	Integrative genomics reveals novel molecular pathways and gene networks for coronary artery disease. *PLoS Genetics*, **2014**, 10, e1004502	6	147
135	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
134	Two further blood pressure loci identified in ion channel genes with a gene-centric approach. *Circulation: Cardiovascular Genetics*, **2014**, 7, 873-9		3
133	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
132	Coronary artery disease predisposing haplogroup I of the Y chromosome, aggression and sex steroids--genetic association analysis. *Atherosclerosis*, **2014**, 233, 160-4	3.1	14
131	Discovery and refinement of loci associated with lipid levels. *Nature Genetics*, **2013**, 45, 1274-1283	36.3	1904
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2	A major population resource of 474,074 participants in UK Biobank to investigate determinants and biomedical consequences of leukocyte telomere length		4
1	Discovery and systematic characterization of risk variants and genes for coronary artery disease in over a million participants		5