

Christopher P Nelson

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

135
papers

14,820
citations

56
h-index

121
g-index

150
ext. papers

19,076
ext. citations

13.4
avg, IF

4.78
L-index

#	Paper	IF	Citations
135	Large-scale association analysis identifies 13 new susceptibility loci for coronary artery disease. <i>Nature Genetics</i> , 2011 , 43, 333-8	36.3	1394
134	A comprehensive 1,000 Genomes-based genome-wide association meta-analysis of coronary artery disease. <i>Nature Genetics</i> , 2015 , 47, 1121-1130	36.3	1290
133	Genome-wide association study identifies 74 loci associated with educational attainment. <i>Nature</i> , 2016 , 533, 539-42	50.4	850
132	Identification of seven loci affecting mean telomere length and their association with disease. <i>Nature Genetics</i> , 2013 , 45, 422-7, 427e1-2	36.3	624
131	DNA methylation and body-mass index: a genome-wide analysis. <i>Lancet, The</i> , 2014 , 383, 1990-8	40	569
130	Interleukin-6 receptor pathways in coronary heart disease: a collaborative meta-analysis of 82 studies. <i>Lancet, The</i> , 2012 , 379, 1205-13	40	522
129	Genome-wide association analyses identify 18 new loci associated with serum urate concentrations. <i>Nature Genetics</i> , 2013 , 45, 145-54	36.3	505
128	Mendelian randomization of blood lipids for coronary heart disease. <i>European Heart Journal</i> , 2015 , 36, 539-50	9.5	417
127	Rare and low-frequency coding variants alter human adult height. <i>Nature</i> , 2017 , 542, 186-190	50.4	412
126	Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. <i>Nature Genetics</i> , 2018 , 50, 1412-1425	36.3	386
125	Association analyses based on false discovery rate implicate new loci for coronary artery disease. <i>Nature Genetics</i> , 2017 , 49, 1385-1391	36.3	361
124	Genome-wide association study identifies six new loci influencing pulse pressure and mean arterial pressure. <i>Nature Genetics</i> , 2011 , 43, 1005-11	36.3	338
123	Meta-analysis of telomere length in 19,713 subjects reveals high heritability, stronger maternal inheritance and a paternal age effect. <i>European Journal of Human Genetics</i> , 2013 , 21, 1163-8	5.3	291
122	Genomic Risk Prediction of Coronary Artery Disease in 480,000 Adults: Implications for Primary Prevention. <i>Journal of the American College of Cardiology</i> , 2018 , 72, 1883-1893	15.1	285
121	The impact of low-frequency and rare variants on lipid levels. <i>Nature Genetics</i> , 2015 , 47, 589-97	36.3	229
120	Cigarette smoking reduces DNA methylation levels at multiple genomic loci but the effect is partially reversible upon cessation. <i>Epigenetics</i> , 2014 , 9, 1382-96	5.7	222
119	Large-scale gene-centric meta-analysis across 39 studies identifies type 2 diabetes loci. <i>American Journal of Human Genetics</i> , 2012 , 90, 410-25	11	214

118	Large-scale gene-centric meta-analysis across 32 studies identifies multiple lipid loci. <i>American Journal of Human Genetics</i> , 2012 , 91, 823-38	11	189
117	Genome-wide association meta-analysis of human longevity identifies a novel locus conferring survival beyond 90 years of age. <i>Human Molecular Genetics</i> , 2014 , 23, 4420-32	5.6	188
116	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. <i>Nature Genetics</i> , 2018 , 50, 26-41	36.3	186
115	Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. <i>Nature Genetics</i> , 2016 , 48, 1151-1161	36.3	181
114	Meta-analysis of 65,734 individuals identifies TSPAN15 and SLC44A2 as two susceptibility loci for venous thromboembolism. <i>American Journal of Human Genetics</i> , 2015 , 96, 532-42	11	163
113	Flexible parametric models for relative survival, with application in coronary heart disease. <i>Statistics in Medicine</i> , 2007 , 26, 5486-98	2.3	161
112	Genetically determined height and coronary artery disease. <i>New England Journal of Medicine</i> , 2015 , 372, 1608-18	59.2	152
111	KLB is associated with alcohol drinking, and its gene product β klotho is necessary for FGF21 regulation of alcohol preference. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 14372-14377	11.5	150
110	Integrative genomics reveals novel molecular pathways and gene networks for coronary artery disease. <i>PLoS Genetics</i> , 2014 , 10, e1004502	6	147
109	Systematic Evaluation of Pleiotropy Identifies 6 Further Loci Associated With Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2017 , 69, 823-836	15.1	146
108	Inheritance of coronary artery disease in men: an analysis of the role of the Y chromosome. <i>Lancet, The</i> , 2012 , 379, 915-922	40	145
107	Genome-wide association study identifies novel loci associated with circulating phospho- and sphingolipid concentrations. <i>PLoS Genetics</i> , 2012 , 8, e1002490	6	145
106	The role of adiposity in cardiometabolic traits: a Mendelian randomization analysis. <i>PLoS Medicine</i> , 2013 , 10, e1001474	11.6	144
105	Genome-wide association and Mendelian randomisation analysis provide insights into the pathogenesis of heart failure. <i>Nature Communications</i> , 2020 , 11, 163	17.4	140
104	Blood pressure loci identified with a gene-centric array. <i>American Journal of Human Genetics</i> , 2011 , 89, 688-700	11	137
103	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. <i>Circulation: Cardiovascular Genetics</i> , 2010 , 3, 475-83		135
102	Gene-centric meta-analysis in 87,736 individuals of European ancestry identifies multiple blood-pressure-related loci. <i>American Journal of Human Genetics</i> , 2014 , 94, 349-60	11	131
101	Common genetic loci influencing plasma homocysteine concentrations and their effect on risk of coronary artery disease. <i>American Journal of Clinical Nutrition</i> , 2013 , 98, 668-76	7	122

100	Multiethnic meta-analysis of genome-wide association studies in >100 000 subjects identifies 23 fibrinogen-associated Loci but no strong evidence of a causal association between circulating fibrinogen and cardiovascular disease. <i>Circulation</i> , 2013 , 128, 1310-24	16.7	107
99	Meta-analysis of Dense Genecentric Association Studies Reveals Common and Uncommon Variants Associated with Height. <i>American Journal of Human Genetics</i> , 2011 , 88, 6-18	11	103
98	Meta-Analysis of Genome-Wide Association Studies for Abdominal Aortic Aneurysm Identifies Four New Disease-Specific Risk Loci. <i>Circulation Research</i> , 2017 , 120, 341-353	15.7	97
97	Adiposity as a cause of cardiovascular disease: a Mendelian randomization study. <i>International Journal of Epidemiology</i> , 2015 , 44, 578-86	7.8	97
96	Variant ASGR1 Associated with a Reduced Risk of Coronary Artery Disease. <i>New England Journal of Medicine</i> , 2016 , 374, 2131-41	59.2	94
95	Secretory phospholipase A(2)-IIA and cardiovascular disease: a mendelian randomization study. <i>Journal of the American College of Cardiology</i> , 2013 , 62, 1966-1976	15.1	91
94	Genetic variants linked to education predict longevity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 13366-13371	11.5	90
93	Association of the PHACTR1/EDN1 Genetic Locus With Spontaneous Coronary Artery Dissection. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 58-66	15.1	86
92	Novel Blood Pressure Locus and Gene Discovery Using Genome-Wide Association Study and Expression Data Sets From Blood and the Kidney. <i>Hypertension</i> , 2017 ,	8.5	85
91	Telomere length in circulating leukocytes is associated with lung function and disease. <i>European Respiratory Journal</i> , 2014 , 43, 983-92	13.6	83
90	Heritability of early repolarization: a population-based study. <i>Circulation: Cardiovascular Genetics</i> , 2011 , 4, 134-8		72
89	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. <i>Lancet Diabetes and Endocrinology</i> , 2017 , 5, 534-543	18.1	69
88	Longer leukocyte telomeres are associated with ultra-endurance exercise independent of cardiovascular risk factors. <i>PLoS ONE</i> , 2013 , 8, e69377	3.7	69
87	Dense genotyping of candidate gene loci identifies variants associated with high-density lipoprotein cholesterol. <i>Circulation: Cardiovascular Genetics</i> , 2011 , 4, 145-55		66
86	Longer genotypically-estimated leukocyte telomere length is associated with increased adult glioma risk. <i>Oncotarget</i> , 2015 , 6, 42468-77	3.3	66
85	Galactosylation of IgA1 Is Associated with Common Variation in. <i>Journal of the American Society of Nephrology: JASN</i> , 2017 , 28, 2158-2166	12.7	65
84	Cystatin C and Cardiovascular Disease: A Mendelian Randomization Study. <i>Journal of the American College of Cardiology</i> , 2016 , 68, 934-45	15.1	65
83	Multi-ancestry genome-wide gene-smoking interaction study of 387,272 individuals identifies new loci associated with serum lipids. <i>Nature Genetics</i> , 2019 , 51, 636-648	36.3	59

82	A Large-Scale Multi-ancestry Genome-wide Study Accounting for Smoking Behavior Identifies Multiple Significant Loci for Blood Pressure. <i>American Journal of Human Genetics</i> , 2018 , 102, 375-400	11	59
81	Discovery and Fine-Mapping of Glycaemic and Obesity-Related Trait Loci Using High-Density Imputation. <i>PLoS Genetics</i> , 2015 , 11, e1005230	6	59
80	Genetic architecture of ambulatory blood pressure in the general population: insights from cardiovascular gene-centric array. <i>Hypertension</i> , 2010 , 56, 1069-76	8.5	59
79	Association between the chromosome 9p21 locus and angiographic coronary artery disease burden: a collaborative meta-analysis. <i>Journal of the American College of Cardiology</i> , 2013 , 61, 957-70	15.1	56
78	Systems Genetics Analysis of Genome-Wide Association Study Reveals Novel Associations Between Key Biological Processes and Coronary Artery Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015 , 35, 1712-22	9.4	55
77	Genetic predisposition to higher blood pressure increases coronary artery disease risk. <i>Hypertension</i> , 2013 , 61, 995-1001	8.5	55
76	The relationship between plasma angiotensin-like protein 4 levels, angiotensin-like protein 4 genotype, and coronary heart disease risk. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010 , 30, 2277-82	9.4	53
75	Age- and sex-specific causal effects of adiposity on cardiovascular risk factors. <i>Diabetes</i> , 2015 , 64, 1841-52	9	50
74	Male-specific region of the Y chromosome and cardiovascular risk: phylogenetic analysis and gene expression studies. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 1722-7	9.4	46
73	Relative survival: what can cardiovascular disease learn from cancer?. <i>European Heart Journal</i> , 2008 , 29, 941-7	9.5	45
72	Protein-coding variants implicate novel genes related to lipid homeostasis contributing to body-fat distribution. <i>Nature Genetics</i> , 2019 , 51, 452-469	36.3	44
71	Genetic Variation Associated with Longer Telomere Length Increases Risk of Chronic Lymphocytic Leukemia. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2016 , 25, 1043-9	4	43
70	Genome-wide Association Analysis in Humans Links Nucleotide Metabolism to Leukocyte Telomere Length. <i>American Journal of Human Genetics</i> , 2020 , 106, 389-404	11	40
69	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. <i>American Journal of Epidemiology</i> , 2019 , 188, 1033-1054	3.8	39
68	Loss of Cardioprotective Effects at the Locus as a Result of Gene-Smoking Interactions. <i>Circulation</i> , 2017 , 135, 2336-2353	16.7	36
67	Retinal Layer Abnormalities as Biomarkers of Schizophrenia. <i>Schizophrenia Bulletin</i> , 2018 , 44, 876-885	1.3	36
66	Identifying Novel Gene Variants in Coronary Artery Disease and Shared Genes With Several Cardiovascular Risk Factors. <i>Circulation Research</i> , 2016 , 118, 83-94	15.7	32
65	New alcohol-related genes suggest shared genetic mechanisms with neuropsychiatric disorders. <i>Nature Human Behaviour</i> , 2019 , 3, 950-961	12.8	32

64	Inherited myeloproliferative neoplasm risk affects haematopoietic stem cells. <i>Nature</i> , 2020 , 586, 769-775	50.4	32
63	Novel genetic associations for blood pressure identified via gene-alcohol interaction in up to 570K individuals across multiple ancestries. <i>PLoS ONE</i> , 2018 , 13, e0198166	3.7	31
62	Polymorphisms in catechol-O-methyltransferase modify treatment effects of aspirin on risk of cardiovascular disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014 , 34, 2160-7	9.4	31
61	Large-scale candidate gene analysis of HDL particle features. <i>PLoS ONE</i> , 2011 , 6, e14529	3.7	31
60	Adult height and risk of 50 diseases: a combined epidemiological and genetic analysis. <i>BMC Medicine</i> , 2018 , 16, 187	11.4	31
59	Polygenic risk scores in cardiovascular risk prediction: A cohort study and modelling analyses. <i>PLoS Medicine</i> , 2021 , 18, e1003498	11.6	27
58	Runs of Homozygosity: Association with Coronary Artery Disease and Gene Expression in Monocytes and Macrophages. <i>American Journal of Human Genetics</i> , 2015 , 97, 228-37	11	25
57	Exome-chip meta-analysis identifies novel loci associated with cardiac conduction, including ADAMTS6. <i>Genome Biology</i> , 2018 , 19, 87	18.3	25
56	The shared allelic architecture of adiponectin levels and coronary artery disease. <i>Atherosclerosis</i> , 2013 , 229, 145-8	3.1	25
55	Large-Scale Analysis of Determinants, Stability, and Heritability of High-Density Lipoprotein Cholesterol Efflux Capacity. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017 , 37, 1956-1962	9.4	25
54	Genetic associations with lipoprotein subfractions provide information on their biological nature. <i>Human Molecular Genetics</i> , 2012 , 21, 1433-43	5.6	25
53	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021 ,	50.4	24
52	Novel loci associated with increased risk of sudden cardiac death in the context of coronary artery disease. <i>PLoS ONE</i> , 2013 , 8, e59905	3.7	24
51	Genetic variants primarily associated with type 2 diabetes are related to coronary artery disease risk. <i>Atherosclerosis</i> , 2015 , 241, 419-26	3.1	23
50	Pathway analysis shows association between FGF1P1 and hypertension. <i>Journal of the American Society of Nephrology: JASN</i> , 2011 , 22, 947-55	12.7	23
49	Gene-centric meta-analyses for central adiposity traits in up to 57 412 individuals of European descent confirm known loci and reveal several novel associations. <i>Human Molecular Genetics</i> , 2014 , 23, 2498-510	5.6	22
48	Four genetic loci influencing electrocardiographic indices of left ventricular hypertrophy. <i>Circulation: Cardiovascular Genetics</i> , 2011 , 4, 626-35		22
47	Novel genetic approach to investigate the role of plasma secretory phospholipase A2 (sPLA2)-V isoenzyme in coronary heart disease: modified Mendelian randomization analysis using PLA2G5 expression levels. <i>Circulation: Cardiovascular Genetics</i> , 2014 , 7, 144-50		21

46	Genome-wide association meta-analysis of 30,000 samples identifies seven novel loci for quantitative ECG traits. <i>European Journal of Human Genetics</i> , 2019 , 27, 952-962	5.3	18
45	No Association of Coronary Artery Disease with X-Chromosomal Variants in Comprehensive International Meta-Analysis. <i>Scientific Reports</i> , 2016 , 6, 35278	4.9	18
44	Discovery of novel heart rate-associated loci using the Exome Chip. <i>Human Molecular Genetics</i> , 2017 , 26, 2346-2363	5.6	17
43	A flexible and parallelizable approach to genome-wide polygenic risk scores. <i>Genetic Epidemiology</i> , 2019 , 43, 730-741	2.6	17
42	Multi-ancestry GWAS of the electrocardiographic PR interval identifies 202 loci underlying cardiac conduction. <i>Nature Communications</i> , 2020 , 11, 2542	17.4	16
41	Resuscitated cardiac arrest and prognosis following myocardial infarction. <i>Heart</i> , 2014 , 100, 1125-32	5.1	15
40	Hypothesis-based analysis of gene-gene interactions and risk of myocardial infarction. <i>PLoS ONE</i> , 2012 , 7, e41730	3.7	15
39	Polygenic basis and biomedical consequences of telomere length variation. <i>Nature Genetics</i> , 2021 , 53, 1425-1433	36.3	15
38	Association of Chromosome 9p21 With Subsequent Coronary Heart Disease Events. <i>Circulation Genomic and Precision Medicine</i> , 2019 , 12, e002471	5.2	14
37	A multi-ancestry genome-wide study incorporating gene-smoking interactions identifies multiple new loci for pulse pressure and mean arterial pressure. <i>Human Molecular Genetics</i> , 2019 , 28, 2615-2633	5.6	14
36	Coronary artery disease predisposing haplogroup I of the Y chromosome, aggression and sex steroids--genetic association analysis. <i>Atherosclerosis</i> , 2014 , 233, 160-4	3.1	14
35	Shorter leukocyte telomere length is associated with adverse COVID-19 outcomes: A cohort study in UK Biobank. <i>EBioMedicine</i> , 2021 , 70, 103485	8.8	13
34	Renal Mechanisms of Association between Fibroblast Growth Factor 1 and Blood Pressure. <i>Journal of the American Society of Nephrology: JASN</i> , 2015 , 26, 3151-60	12.7	12
33	Effects of Calcium, Magnesium, and Potassium Concentrations on Ventricular Repolarization in Unselected Individuals. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 3118-3131	15.1	12
32	Integration of genetics into a systems model of electrocardiographic traits using HumanCVD BeadChip. <i>Circulation: Cardiovascular Genetics</i> , 2012 , 5, 630-8		12
31	Genetic analysis of leukocyte type-I interferon production and risk of coronary artery disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015 , 35, 1456-62	9.4	11
30	Geographical location affects the levels and association of trimethylamine N-oxide with heart failure mortality in BIOSTAT-CHF: a post-hoc analysis. <i>European Journal of Heart Failure</i> , 2019 , 21, 1291-1294	12.3	11
29	Genetic Associations With Plasma Angiotensin Converting Enzyme 2 Concentration: Potential Relevance to COVID-19 Risk. <i>Circulation</i> , 2020 , 142, 1117-1119	16.7	11

28	Common and Rare Coding Genetic Variation Underlying the Electrocardiographic PR Interval. <i>Circulation Genomic and Precision Medicine</i> , 2018 , 11, e002037	5.2	11
27	The Prevalence and Significance of the Early Repolarization Pattern in Sudden Arrhythmic Death Syndrome Families. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2016 , 9,	6.4	10
26	Analysis of gene-gene interactions among common variants in candidate cardiovascular genes in coronary artery disease. <i>PLoS ONE</i> , 2015 , 10, e0117684	3.7	8
25	The relation of rapid changes in obesity measures to lipid profile - insights from a nationwide metabolic health survey in 444 Polish cities. <i>PLoS ONE</i> , 2014 , 9, e86837	3.7	8
24	Genetic determinants of telomere length and cancer risk. <i>Current Opinion in Genetics and Development</i> , 2020 , 60, 63-68	4.9	7
23	Cumulative effects of common genetic variants on risk of sudden cardiac death. <i>IJC Heart and Vasculature</i> , 2015 , 7, 88-91	2.4	6
22	Cis-epistasis at the LPA locus and risk of cardiovascular diseases. <i>Cardiovascular Research</i> , 2021 ,	9.9	6
21	Effects of the coronary artery disease associated LPA and 9p21 loci on risk of aortic valve stenosis. <i>International Journal of Cardiology</i> , 2019 , 276, 212-217	3.2	6
20	KCND3 potassium channel gene variant confers susceptibility to electrocardiographic early repolarization pattern. <i>JCI Insight</i> , 2019 , 4,	9.9	5
19	Association of Factor V Leiden With Subsequent Atherothrombotic Events: A GENIUS-CHD Study of Individual Participant Data. <i>Circulation</i> , 2020 , 142, 546-555	16.7	5
18	Discovery and systematic characterization of risk variants and genes for coronary artery disease in over a million participants		5
17	Sex Differences in the Risk of Coronary Heart Disease Associated With Type 2 Diabetes: A Mendelian Randomization Analysis. <i>Diabetes Care</i> , 2021 , 44, 556-562	14.6	4
16	Gene-educational attainment interactions in a multi-ancestry genome-wide meta-analysis identify novel blood pressure loci. <i>Molecular Psychiatry</i> , 2021 , 26, 2111-2125	15.1	3
15	Genetic risk and atrial fibrillation in patients with heart failure. <i>European Journal of Heart Failure</i> , 2020 , 22, 519-527	12.3	3
14	Characterization and Discovery of a Selective Small-Molecule Modulator of Mitochondrial Complex I Targeting a Unique Binding Site. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 11819-11830	8.3	3
13	Are toll-like receptors potential drug targets for atherosclerosis? Evidence from genetic studies to date. <i>Immunogenetics</i> , 2019 , 71, 1-11	3.2	3
12	The narrow-sense and common single nucleotide polymorphism heritability of early repolarization. <i>International Journal of Cardiology</i> , 2019 , 279, 135-140	3.2	3
11	Mendelian randomization supports bidirectional causality between telomere length and clonal hematopoiesis of indeterminate potential.. <i>Science Advances</i> , 2022 , 8, eabl6579	14.3	3

10	Modifiable traits, healthy behaviours, and leukocyte telomere length: a population-based study in UK Biobank. <i>The Lancet Healthy Longevity</i> , 2022 , 3, e321-e331	9.5	3
9	Genome-wide association study provides new insights into the genetic architecture and pathogenesis of heart failure		2
8	The importance of previous lifetime trauma in stroke-induced PTSD symptoms and mental health outcomes. <i>Journal of Psychiatric Research</i> , 2021 , 136, 589-594	5.2	2
7	Investigation of a UK biobank cohort reveals causal associations of self-reported walking pace with telomere length.. <i>Communications Biology</i> , 2022 , 5, 381	6.7	2
6	Exome Sequencing Analysis Identifies Rare Variants in and That Are Associated With Shorter Telomere Length. <i>Frontiers in Genetics</i> , 2020 , 11, 337	4.5	1
5	Genetic predisposition to myeloproliferative neoplasms implicates hematopoietic stem cell biology		1
4	Cis-epistasis at the LPA locus and risk of coronary artery disease		1
3	Genetic Predisposition to Coronary Artery Disease in Type 2 Diabetes Mellitus. <i>Circulation Genomic and Precision Medicine</i> , 2020 , 13, e002769	5.2	1
2	The genomics of heart failure: design and rationale of the HERMES consortium. <i>ESC Heart Failure</i> , 2021 ,	3.7	1
1	Association of shorter leucocyte telomere length with risk of frailty.. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2022 ,	10.3	1