Christopher P Nelson

List of Publications by Year in Descending Order

Source: https://exaly.com/author-pdf/1449183/christopher-p-nelson-publications-by-year.pdf
Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
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	Association of shorter leucocyte telomere length with risk of frailty.. *Journal of Cachexia, Sarcopenia and Muscle*, **2022**,	10.3	1
134	Mendelian randomization supports bidirectional causality between telomere length and clonal hematopoiesis of indeterminate potential.. *Science Advances*, **2022**, 8, eabl6579	14.3	3
133	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
132	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
131	Gene-educational attainment interactions in a multi-ancestry genome-wide meta-analysis identify novel blood pressure loci. *Molecular Psychiatry*, **2021**, 26, 2111-2125	15.1	3
130	The power of genetic diversity in genome-wide association studies of lipids. *Nature*, **2021**,	50.4	24
129	Polygenic basis and biomedical consequences of telomere length variation. *Nature Genetics*, **2021**, 53, 1425-1433	36.3	15
128	Cis-epistasis at the LPA locus and risk of cardiovascular diseases. *Cardiovascular Research*, **2021**,	9.9	6
127	The importance of previous lifetime trauma in stroke-induced PTSD symptoms and mental health outcomes. *Journal of Psychiatric Research*, **2021**, 136, 589-594	5.2	2
126	Sex Differences in the Risk of Coronary Heart Disease Associated With Type 2 Diabetes: A Mendelian Randomization Analysis. *Diabetes Care*, **2021**, 44, 556-562	14.6	4
125	Polygenic risk scores in cardiovascular risk prediction: A cohort study and modelling analyses. *PLoS Medicine*, **2021**, 18, e1003498	11.6	27
124	Shorter leukocyte telomere length is associated with adverse COVID-19 outcomes: A cohort study in UK Biobank. *EBioMedicine*, **2021**, 70, 103485	8.8	13
123	The genomics of heart failure: design and rationale of the HERMES consortium. *ESC Heart Failure*, **2021**,	3.7	1
122	Multi-ancestry GWAS of the electrocardiographic PR interval identifies 202 loci underlying cardiac conduction. *Nature Communications*, **2020**, 11, 2542	17.4	16
121	Genetic determinants of telomere length and cancer risk. *Current Opinion in Genetics and Development*, **2020**, 60, 63-68	4.9	7
120	Genome-wide Association Analysis in Humans Links Nucleotide Metabolism to Leukocyte Telomere Length. *American Journal of Human Genetics*, **2020**, 106, 389-404	11	40
119	Exome Sequencing Analysis Identifies Rare Variants in and That Are Associated With Shorter Telomere Length. *Frontiers in Genetics*, **2020**, 11, 337	4.5	1

118	Genetic risk and atrial fibrillation in patients with heart failure. *European Journal of Heart Failure*, **2020**, 22, 519-527	12.3	3
117	Genome-wide association and Mendelian randomisation analysis provide insights into the pathogenesis of heart failure. *Nature Communications*, **2020**, 11, 163	17.4	140
116	Inherited myeloproliferative neoplasm risk affects haematopoietic stem cells. *Nature*, **2020**, 586, 769-775	50.4	32
115	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
114	Genetic Associations With Plasma Angiotensin Converting Enzyme 2 Concentration: Potential Relevance to COVID-19 Risk. *Circulation*, **2020**, 142, 1117-1119	16.7	11
113	Characterization and Discovery of a Selective Small-Molecule Modulator of Mitochondrial Complex I Targeting a Unique Binding Site. *Journal of Medicinal Chemistry*, **2020**, 63, 11819-11830	8.3	3
112	Genetic Predisposition to Coronary Artery Disease in Type 2 Diabetes Mellitus. *Circulation Genomic and Precision Medicine*, **2020**, 13, e002769	5.2	1
111	Genome-wide association meta-analysis of 30,000 samples identifies seven novel loci for quantitative ECG traits. *European Journal of Human Genetics*, **2019**, 27, 952-962	5.3	18
110	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. *American Journal of Epidemiology*, **2019**, 188, 1033-1054	3.8	39
109	Association of Chromosome 9p21 With Subsequent Coronary Heart Disease Events. *Circulation Genomic and Precision Medicine*, **2019**, 12, e002471	5.2	14
108	A multi-ancestry genome-wide study incorporating gene-smoking interactions identifies multiple new loci for pulse pressure and mean arterial pressure. *Human Molecular Genetics*, **2019**, 28, 2615-2633	5.6	14
107	Multi-ancestry genome-wide gene-smoking interaction study of 387,272 individuals identifies new loci associated with serum lipids. *Nature Genetics*, **2019**, 51, 636-648	36.3	59
106	A flexible and parallelizable approach to genome-wide polygenic risk scores. *Genetic Epidemiology*, **2019**, 43, 730-741	2.6	17
105	Geographical location affects the levels and association of trimethylamine N-oxide with heart failure mortality in BIOSTAT-CHF: a post-hoc analysis. *European Journal of Heart Failure*, **2019**, 21, 1291-1294	12.3	11
104	New alcohol-related genes suggest shared genetic mechanisms with neuropsychiatric disorders. *Nature Human Behaviour*, **2019**, 3, 950-961	12.8	32
103	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
102	KCND3 potassium channel gene variant confers susceptibility to electrocardiographic early repolarization pattern. *JCI Insight*, **2019**, 4,	9.9	5
101	Protein-coding variants implicate novel genes related to lipid homeostasis contributing to body-fat distribution. *Nature Genetics*, **2019**, 51, 452-469	36.3	44

100	Effects of the coronary artery disease associated LPA and 9p21 loci on risk of aortic valve stenosis. *International Journal of Cardiology*, **2019**, 276, 212-217	3.2	6
99	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
98	Are toll-like receptors potential drug targets for atherosclerosis? Evidence from genetic studies to date. *Immunogenetics*, **2019**, 71, 1-11	3.2	3
97	The narrow-sense and common single nucleotide polymorphism heritability of early repolarization. *International Journal of Cardiology*, **2019**, 279, 135-140	3.2	3
96	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
95	Retinal Layer Abnormalities as Biomarkers of Schizophrenia. *Schizophrenia Bulletin*, **2018**, 44, 876-885	1.3	36
94	Exome-chip meta-analysis identifies novel loci associated with cardiac conduction, including ADAMTS6. *Genome Biology*, **2018**, 19, 87	18.3	25
93	Novel genetic associations for blood pressure identified via gene-alcohol interaction in up to 570K individuals across multiple ancestries. *PLoS ONE*, **2018**, 13, e0198166	3.7	31
92	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
91	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
90	Adult height and risk of 50 diseases: a combined epidemiological and genetic analysis. *BMC Medicine*, **2018**, 16, 187	11.4	31
89	Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. *Nature Genetics*, **2018**, 50, 1412-1425	36.3	386
88	Common and Rare Coding Genetic Variation Underlying the Electrocardiographic PR Interval. *Circulation Genomic and Precision Medicine*, **2018**, 11, e002037	5.2	11
87	Rare and low-frequency coding variants alter human adult height. *Nature*, **2017**, 542, 186-190	50.4	412
86	Galactosylation of IgA1 Is Associated with Common Variation in. *Journal of the American Society of Nephrology: JASN*, **2017**, 28, 2158-2166	12.7	65
85	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
84	Discovery of novel heart rate-associated loci using the Exome Chip. *Human Molecular Genetics*, **2017**, 26, 2346-2363	5.6	17
83	Loss of Cardioprotective Effects at the Locus as a Result of Gene-Smoking Interactions. *Circulation*, **2017**, 135, 2336-2353	16.7	36

82	Meta-Analysis of Genome-Wide Association Studies for Abdominal Aortic Aneurysm Identifies Four New Disease-Specific Risk Loci. *Circulation Research*, **2017**, 120, 341-353	15.7	97
81	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
80	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
79	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
78	Association analyses based on false discovery rate implicate new loci for coronary artery disease. *Nature Genetics*, **2017**, 49, 1385-1391	36.3	361
77	Identifying Novel Gene Variants in Coronary Artery Disease and Shared Genes With Several Cardiovascular Risk Factors. *Circulation Research*, **2016**, 118, 83-94	15.7	32
76	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
75	Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. *Nature Genetics*, **2016**, 48, 1151-1161	36.3	181
74	No Association of Coronary Artery Disease with X-Chromosomal Variants in Comprehensive International Meta-Analysis. *Scientific Reports*, **2016**, 6, 35278	4.9	18
73	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
72	The Prevalence and Significance of the Early Repolarization Pattern in Sudden Arrhythmic Death Syndrome Families. *Circulation: Arrhythmia and Electrophysiology*, **2016**, 9,	6.4	10
71	Genetic Variation Associated with Longer Telomere Length Increases Risk of Chronic Lymphocytic Leukemia. *Cancer Epidemiology Biomarkers and Prevention*, **2016**, 25, 1043-9	4	43
70	Variant ASGR1 Associated with a Reduced Risk of Coronary Artery Disease. *New England Journal of Medicine*, **2016**, 374, 2131-41	59.2	94
69	Genome-wide association study identifies 74 loci associated with educational attainment. *Nature*, **2016**, 533, 539-42	50.4	850
68	Cystatin C and Cardiovascular Disease: A Mendelian Randomization Study. *Journal of the American College of Cardiology*, **2016**, 68, 934-45	15.1	65
67	Age- and sex-specific causal effects of adiposity on cardiovascular risk factors. *Diabetes*, **2015**, 64, 1841-52	9	50
66	Genetic variants primarily associated with type 2 diabetes are related to coronary artery disease risk. *Atherosclerosis*, **2015**, 241, 419-26	3.1	23
65	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

64	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
63	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
62	Cumulative effects of common genetic variants on risk of sudden cardiac death. *IJC Heart and Vasculature*, **2015**, 7, 88-91	2.4	6
61	Mendelian randomization of blood lipids for coronary heart disease. *European Heart Journal*, **2015**, 36, 539-50	9.5	417
60	The impact of low-frequency and rare variants on lipid levels. *Nature Genetics*, **2015**, 47, 589-97	36.3	229
59	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
58	Genetically determined height and coronary artery disease. *New England Journal of Medicine*, **2015**, 372, 1608-18	59.2	152
57	A comprehensive 1,000 Genomes-based genome-wide association meta-analysis of coronary artery disease. *Nature Genetics*, **2015**, 47, 1121-1130	36.3	1290
56	Analysis of gene-gene interactions among common variants in candidate cardiovascular genes in coronary artery disease. *PLoS ONE*, **2015**, 10, e0117684	3.7	8
55	Discovery and Fine-Mapping of Glycaemic and Obesity-Related Trait Loci Using High-Density Imputation. *PLoS Genetics*, **2015**, 11, e1005230	6	59
54	Adiposity as a cause of cardiovascular disease: a Mendelian randomization study. *International Journal of Epidemiology*, **2015**, 44, 578-86	7.8	97
53	Systems Genetics Analysis of Genome-Wide Association Study Reveals Novel Associations Between Key Biological Processes and Coronary Artery Disease. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2015**, 35, 1712-22	9.4	55
52	Longer genotypically-estimated leukocyte telomere length is associated with increased adult glioma risk. *Oncotarget*, **2015**, 6, 42468-77	3.3	66
51	DNA methylation and body-mass index: a genome-wide analysis. *Lancet, The*, **2014**, 383, 1990-8	40	569
50	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. *Human Molecular Genetics*, **2014**, 23, 2498-510	5.6	22
49	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. *Circulation: Cardiovascular Genetics*, **2014**, 7, 144-50		21
48	Polymorphisms in catechol-O-methyltransferase modify treatment effects of aspirin on risk of cardiovascular disease. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2014**, 34, 2160-7	9.4	31
47	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

46	Telomere length in circulating leukocytes is associated with lung function and disease. *European Respiratory Journal*, **2014**, 43, 983-92	13.6	83
45	The relation of rapid changes in obesity measures to lipid profile - insights from a nationwide metabolic health survey in 444 Polish cities. *PLoS ONE*, **2014**, 9, e86837	3.7	8
44	Cigarette smoking reduces DNA methylation levels at multiple genomic loci but the effect is partially reversible upon cessation. *Epigenetics*, **2014**, 9, 1382-96	5.7	222
43	Resuscitated cardiac arrest and prognosis following myocardial infarction. *Heart*, **2014**, 100, 1125-32	5.1	15
42	Integrative genomics reveals novel molecular pathways and gene networks for coronary artery disease. *PLoS Genetics*, **2014**, 10, e1004502	6	147
41	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
40	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
39	The shared allelic architecture of adiponectin levels and coronary artery disease. *Atherosclerosis*, **2013**, 229, 145-8	3.1	25
38	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
37	Genome-wide association analyses identify 18 new loci associated with serum urate concentrations. *Nature Genetics*, **2013**, 45, 145-54	36.3	505
36	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
35	Common genetic loci influencing plasma homocysteine concentrations and their effect on risk of coronary artery disease. *American Journal of Clinical Nutrition*, **2013**, 98, 668-76	7	122
34	Identification of seven loci affecting mean telomere length and their association with disease. *Nature Genetics*, **2013**, 45, 422-7, 427e1-2	36.3	624
33	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
32	Genetic predisposition to higher blood pressure increases coronary artery disease risk. *Hypertension*, **2013**, 61, 995-1001	8.5	55
31	The role of adiposity in cardiometabolic traits: a Mendelian randomization analysis. *PLoS Medicine*, **2013**, 10, e1001474	11.6	144
30	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
29	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. *Circulation*, **2013**, 128, 1310-24	16.7	107

28	Longer leukocyte telomeres are associated with ultra-endurance exercise independent of cardiovascular risk factors. *PLoS ONE*, **2013**, 8, e69377	3.7	69
27	Novel loci associated with increased risk of sudden cardiac death in the context of coronary artery disease. *PLoS ONE*, **2013**, 8, e59905	3.7	24
26	Inheritance of coronary artery disease in men: an analysis of the role of the Y chromosome. *Lancet, The*, **2012**, 379, 915-922	40	145
25	Interleukin-6 receptor pathways in coronary heart disease: a collaborative meta-analysis of 82 studies. *Lancet, The*, **2012**, 379, 1205-13	40	522
24	Large-scale gene-centric meta-analysis across 32 studies identifies multiple lipid loci. *American Journal of Human Genetics*, **2012**, 91, 823-38	11	189
23	Genetic associations with lipoprotein subfractions provide information on their biological nature. *Human Molecular Genetics*, **2012**, 21, 1433-43	5.6	25
22	Large-scale gene-centric meta-analysis across 39 studies identifies type 2 diabetes loci. *American Journal of Human Genetics*, **2012**, 90, 410-25	11	214
21	Genome-wide association study identifies novel loci associated with circulating phospho- and sphingolipid concentrations. *PLoS Genetics*, **2012**, 8, e1002490	6	145
20	Integration of genetics into a systems model of electrocardiographic traits using HumanCVD BeadChip. *Circulation: Cardiovascular Genetics*, **2012**, 5, 630-8		12
19	Hypothesis-based analysis of gene-gene interactions and risk of myocardial infarction. *PLoS ONE*, **2012**, 7, e41730	3.7	15
18	Large-scale candidate gene analysis of HDL particle features. *PLoS ONE*, **2011**, 6, e14529	3.7	31
17	Large-scale association analysis identifies 13 new susceptibility loci for coronary artery disease. *Nature Genetics*, **2011**, 43, 333-8	36.3	1394
16	Meta-analysis of Dense Genecentric Association Studies Reveals Common and Uncommon Variants Associated with Height. *American Journal of Human Genetics*, **2011**, 88, 6-18	11	103
15	Blood pressure loci identified with a gene-centric array. *American Journal of Human Genetics*, **2011**, 89, 688-700	11	137
14	Pathway analysis shows association between FGFBP1 and hypertension. *Journal of the American Society of Nephrology: JASN*, **2011**, 22, 947-55	12.7	23
13	Dense genotyping of candidate gene loci identifies variants associated with high-density lipoprotein cholesterol. *Circulation: Cardiovascular Genetics*, **2011**, 4, 145-55		66
12	Genome-wide association study identifies six new loci influencing pulse pressure and mean arterial pressure. *Nature Genetics*, **2011**, 43, 1005-11	36.3	338
11	Four genetic loci influencing electrocardiographic indices of left ventricular hypertrophy. *Circulation: Cardiovascular Genetics*, **2011**, 4, 626-35		22

10	Heritability of early repolarization: a population-based study. *Circulation: Cardiovascular Genetics*, **2011**, 4, 134-8		72
9	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
8	Genetic architecture of ambulatory blood pressure in the general population: insights from cardiovascular gene-centric array. *Hypertension*, **2010**, 56, 1069-76	8.5	59
7	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
6	Relative survival: what can cardiovascular disease learn from cancer?. *European Heart Journal*, **2008**, 29, 941-7	9.5	45
5	Flexible parametric models for relative survival, with application in coronary heart disease. *Statistics in Medicine*, **2007**, 26, 5486-98	2.3	161
4	Genome-wide association study provides new insights into the genetic architecture and pathogenesis of heart failure		2
3	Genetic predisposition to myeloproliferative neoplasms implicates hematopoietic stem cell biology		1
2	Cis-epistasis at the LPA locus and risk of coronary artery disease		1
1	Discovery and systematic characterization of risk variants and genes for coronary artery disease in over a million participants		5