Pim van der Harst

List of Publications by Year
in descending order

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462 papers	52,023 citations	1994 101 h-index	2078 204 g-index
489 all docs	489 docs citations	489 times ranked	56217 citing authors

#	Article	IF	Citations
1	Genetic studies of body mass index yield new insights for obesity biology. Nature, 2015, 518, 197-206.	27.8	3,823
2	Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. Nature, 2011, 478, 103-109.	27.8	1,855
3	Defining the role of common variation in the genomic and biological architecture of adult human height. Nature Genetics, 2014, 46, 1173-1186.	21.4	1,818
4	New genetic loci link adipose and insulin biology to body fat distribution. Nature, 2015, 518, 187-196.	27.8	1,328
5	Genome-wide association study identifies 74 loci associated with educational attainment. Nature, 2016, 533, 539-542.	27.8	1,204
6	Multiancestry genome-wide association study of 520,000 subjects identifies 32 loci associated with stroke and stroke subtypes. Nature Genetics, 2018, 50, 524-537.	21.4	1,124
7	Genome-wide association study identifies eight loci associated with blood pressure. Nature Genetics, 2009, 41, 666-676.	21.4	1,104
8	Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. Nature Genetics, 2018, 50, 1412-1425.	21.4	924
9	The interleukin-6 receptor as a target for prevention of coronary heart disease: a mendelian randomisation analysis. Lancet, The, 2012, 379, 1214-1224.	13.7	886
10	Identification of 64 Novel Genetic Loci Provides an Expanded View on the Genetic Architecture of Coronary Artery Disease. Circulation Research, 2018, 122, 433-443.	4.5	850
11	Identification of seven loci affecting mean telomere length and their association with disease. Nature Genetics, 2013, 45, 422-427.	21.4	808
12	Large-scale association analyses identify new loci influencing glycemic traits and provide insight into the underlying biological pathways. Nature Genetics, 2012, 44, 991-1005.	21.4	746
13	Epigenome-wide association study of body mass index, and the adverse outcomes of adiposity. Nature, 2017, 541, 81-86.	27.8	743
14	Genome-wide association analyses identify 18 new loci associated with serum urate concentrations. Nature Genetics, 2013, 45, 145-154.	21.4	675
15	Association of Cardiometabolic Multimorbidity With Mortality. JAMA - Journal of the American Medical Association, 2015, 314, 52.	7.4	624
16	Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. Nature Genetics, 2013, 45, 501-512.	21.4	578
17	HMG-coenzyme A reductase inhibition, type 2 diabetes, and bodyweight: evidence from genetic analysis and randomised trials. Lancet, The, 2015, 385, 351-361.	13.7	562
18	Ticagrelor plus aspirin for 1 month, followed by ticagrelor monotherapy for 23 months vs aspirin plus clopidogrel or ticagrelor for 12 months, followed by aspirin monotherapy for 12 months after implantation of a drug-eluting stent: a multicentre, open-label, randomised superiority trial. Lancet, The, 2018, 392, 940-949.	13.7	555

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19	Multi-ethnic genome-wide association study for atrial fibrillation. Nature Genetics, 2018, 50, 1225-1233.	21.4	552
20	A catalog of genetic loci associated with kidney function from analyses of a million individuals. Nature Genetics, 2019, 51, 957-972.	21.4	549
21	Association between alcohol and cardiovascular disease: Mendelian randomisation analysis based on individual participant data. BMJ, The, 2014, 349, g4164-g4164.	6.0	528
22	Genome-wide association study identifies loci influencing concentrations of liver enzymes in plasma. Nature Genetics, 2011, 43, 1131-1138.	21.4	501
23	Genome-wide association analysis identifies novel blood pressure loci and offers biological insights into cardiovascular risk. Nature Genetics, 2017, 49, 403-415.	21.4	492
24	Genome-wide association and Mendelian randomisation analysis provide insights into the pathogenesis of heart failure. Nature Communications, 2020, 11, 163.	12.8	466
25	Incidence and epidemiology of new onset heart failure with preserved vs. reduced ejection fraction in a community-based cohort: 11-year follow-up of PREVEND. European Heart Journal, 2013, 34, 1424-1431.	2.2	451
26	A Genotype-Guided Strategy for Oral P2Y₁₂ Inhibitors in Primary PCI. New England Journal of Medicine, 2019, 381, 1621-1631.	27.0	431
27	Genome-wide haplotype association study identifies the SLC22A3-LPAL2-LPA gene cluster as a risk locus for coronary artery disease. Nature Genetics, 2009, 41, 283-285.	21.4	427
28	New gene functions in megakaryopoiesis and platelet formation. Nature, 2011, 480, 201-208.	27.8	401
29	Gender and telomere length: Systematic review and meta-analysis. Experimental Gerontology, 2014, 51, 15-27.	2.8	394
30	FTO genotype is associated with phenotypic variability of body mass index. Nature, 2012, 490, 267-272.	27.8	383
31	Coronary Angiography after Cardiac Arrest without ST-Segment Elevation. New England Journal of Medicine, 2019, 380, 1397-1407.	27.0	373
32	Genetic and Pharmacological Inhibition of Galectin-3 Prevents Cardiac Remodeling by Interfering With Myocardial Fibrogenesis. Circulation: Heart Failure, 2013, 6, 107-117.	3.9	371
33	Sex-stratified Genome-wide Association Studies Including 270,000 Individuals Show Sexual Dimorphism in Genetic Loci for Anthropometric Traits. PLoS Genetics, 2013, 9, e1003500.	3.5	371
34	The power of genetic diversity in genome-wide association studies of lipids. Nature, 2021, 600, 675-679.	27.8	353
35	The trans-ancestral genomic architecture of glycemic traits. Nature Genetics, 2021, 53, 840-860.	21.4	341
36	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. PLoS Genetics, 2015, 11, e1005378.	3.5	331

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37	Trans-ethnic association study of blood pressure determinants in over 750,000 individuals. Nature Genetics, 2019, 51, 51-62.	21.4	328
38	Genome Analyses of >200,000 Individuals Identify 58 Loci for Chronic Inflammation and Highlight Pathways that Link Inflammation and Complex Disorders. American Journal of Human Genetics, 2018, 103, 691-706.	6.2	326
39	Seventy-five genetic loci influencing the human red blood cell. Nature, 2012, 492, 369-375.	27.8	320
40	Association of vitamin D status with arterial blood pressure and hypertension risk: a mendelian randomisation study. Lancet Diabetes and Endocrinology,the, 2014, 2, 719-729.	11.4	319
41	Genome-Wide Association Study of Blood Pressure Extremes Identifies Variant near UMOD Associated with Hypertension. PLoS Genetics, 2010, 6, e1001177.	3.5	312
42	Associations of Combined Genetic and Lifestyle Risks With Incident Cardiovascular Disease and Diabetes in the UK Biobank Study. JAMA Cardiology, 2018, 3, 693.	6.1	310
43	Common variants in 22 loci are associated with QRS duration and cardiac ventricular conduction. Nature Genetics, 2010, 42, 1068-1076.	21.4	308
44	PCSK9 genetic variants and risk of type 2 diabetes: a mendelian randomisation study. Lancet Diabetes and Endocrinology,the, 2017, 5, 97-105.	11.4	298
45	Common variants near TERC are associated with mean telomere length. Nature Genetics, 2010, 42, 197-199.	21.4	296
46	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.	21.4	294
47	Identification of heart rateâ€“associated loci and their effects on cardiac conduction and rhythm disorders. Nature Genetics, 2013, 45, 621-631.	21.4	282
48	Genetic association study of QT interval highlights role for calcium signaling pathways in myocardial repolarization. Nature Genetics, 2014, 46, 826-836.	21.4	281
49	Large-scale analyses of common and rare variants identify 12 new loci associated with atrial fibrillation. Nature Genetics, 2017, 49, 946-952.	21.4	279
50	Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. Nature Genetics, 2016, 48, 1151-1161.	21.4	261
51	Genome-wide association and genetic functional studies identify autism susceptibility candidate 2 gene (AUTS2) in the regulation of alcohol consumption. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 7119-7124.	7.1	258
52	Telomere Length of Circulating Leukocytes Is Decreased in Patients With Chronic Heart Failure. Journal of the American College of Cardiology, 2007, 49, 1459-1464.	2.8	257
53	The Association of Obesity and Cardiometabolic Traits With IncidentÂHFpEF and HFrEF. JACC: Heart Failure, 2018, 6, 701-709.	4.1	254
54	Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. Nature Genetics, 2019, 51, 1459-1474.	21.4	251

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55	Genetic loci influencing kidney function and chronic kidney disease. Nature Genetics, 2010, 42, 373-375.	21.4	246
56	New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. Nature Communications, 2016, 7, 10495.	12.8	245
57	Large-Scale Gene-Centric Meta-Analysis across 39 Studies Identifies Type 2 Diabetes Loci. American Journal of Human Genetics, 2012, 90, 410-425.	6.2	239
58	Anticoagulation with or without Clopidogrel after Transcatheter Aortic-Valve Implantation. New England Journal of Medicine, 2020, 382, 1696-1707.	27.0	235
59	Aspirin with or without Clopidogrel after Transcatheter Aortic-Valve Implantation. New England Journal of Medicine, 2020, 383, 1447-1457.	27.0	228
60	Large-Scale Gene-Centric Meta-analysis across 32 Studies Identifies Multiple Lipid Loci. American Journal of Human Genetics, 2012, 91, 823-838.	6.2	227
61	Predicting Heart Failure With Preserved and Reduced Ejection Fraction. Circulation: Heart Failure, 2016, 9, .	3.9	227
62	Incidence of Atrial Fibrillation and Relationship With Cardiovascular Events, Heart Failure, and Mortality. Journal of the American College of Cardiology, 2015, 66, 1000-1007.	2.8	218
63	Telomere biology in healthy aging and disease. Pflugers Archiv European Journal of Physiology, 2010, 459, 259-268.	2.8	216
64	Polygenic prediction of educational attainment within and between families from genome-wide association analyses in 3 million individuals. Nature Genetics, 2022, 54, 437-449.	21.4	215
65	Glucagon-Like Peptide 1 Prevents Reactive Oxygen Speciesâ€“Induced Endothelial Cell Senescence Through the Activation of Protein Kinase A. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 1407-1414.	2.4	211
66	Erythropoietin improves cardiac function through endothelial progenitor cell and vascular endothelial growth factor mediated neovascularization. European Heart Journal, 2007, 28, 2018-2027.	2.2	210
67	CUBN Is a Gene Locus for Albuminuria. Journal of the American Society of Nephrology: JASN, 2011, 22, 555-570.	6.1	208
68	KLB is associated with alcohol drinking, and its gene product Î²-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.	7.1	208
69	Transcatheter Interatrial Shunt Device for the Treatment of Heart Failure With Preserved Ejection Fraction (REDUCE LAP-HF I [Reduce Elevated Left Atrial Pressure in Patients With Heart Failure]). Circulation, 2018, 137, 364-375.	1.6	206
70	Identifying Pathophysiological Mechanisms in Heart Failure WithÂReduced Versus Preserved EjectionÂFraction. Journal of the American College of Cardiology, 2018, 72, 1081-1090.	2.8	199
71	Novel loci affecting iron homeostasis and their effects in individuals at risk for hemochromatosis. Nature Communications, 2014, 5, 4926.	12.8	192
72	Association of Cardiovascular Biomarkers With Incident Heart Failure With Preserved and Reduced Ejection Fraction. JAMA Cardiology, 2018, 3, 215.	6.1	186

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73	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.	7.1	183
74	Directional dominance on stature and cognition inÂdiverse human populations. Nature, 2015, 523, 459-462.	27.8	173
75	The clinical significance of interleukinâ€6 in heart failure: results from the BIOSTATâ€CHF study. European Journal of Heart Failure, 2019, 21, 965-973.	7.1	172
76	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. Nature Communications, 2017, 8, 14977.	12.8	169
77	Association of genetic variation with systolic and diastolic blood pressure among African Americans: the Candidate Gene Association Resource study. Human Molecular Genetics, 2011, 20, 2273-2284.	2.9	168
78	Signature of circulating <scp>microRNAs</scp> in patients with acute heart failure. European Journal of Heart Failure, 2016, 18, 414-423.	7.1	162
79	Variants near TERT and TERC influencing telomere length are associated with high-grade glioma risk. Nature Genetics, 2014, 46, 731-735.	21.4	161
80	Blood Pressure Loci Identified with a Gene-Centric Array. American Journal of Human Genetics, 2011, 89, 688-700.	6.2	159
81	Identifying optimal doses of heart failure medications in men compared with women: a prospective, observational, cohort study. Lancet, The, 2019, 394, 1254-1263.	13.7	159
82	Gene-centric Meta-analysis in 87,736 Individuals of European Ancestry Identifies Multiple Blood-Pressure-Related Loci. American Journal of Human Genetics, 2014, 94, 349-360.	6.2	158
83	The single-cell eQTLGen consortium. ELife, 2020, 9, .	6.0	150
84	A systems <scp>BIOlogy</scp> Study to <scp>TAilored</scp> Treatment in Chronic Heart Failure: rationale, design, and baseline characteristics of <scp>BIOSTATâ€CHF</scp>. European Journal of Heart Failure, 2016, 18, 716-726.	7.1	149
85	Relationship of Arterial Stiffness Index and Pulse Pressure With Cardiovascular Disease and Mortality. Journal of the American Heart Association, 2018, 7, .	3.7	142
86	Loci influencing blood pressure identified using a cardiovascular gene-centric array. Human Molecular Genetics, 2013, 22, 1663-1678.	2.9	141
87	Leukocyte Telomere Length in Healthy Caucasian and African-American Adolescents: Relationships with Race, Sex, Adiposity, Adipokines, and Physical Activity. Journal of Pediatrics, 2011, 158, 215-220.	1.8	139
88	Body mass index is negatively associated with telomere length: a collaborative cross-sectional meta-analysis of 87 observational studies. American Journal of Clinical Nutrition, 2018, 108, 453-475.	4.7	137
89	Effect of Metformin on Left Ventricular Function After Acute Myocardial Infarction in Patients Without Diabetes. JAMA - Journal of the American Medical Association, 2014, 311, 1526.	7.4	136
90	Healthy aging and disease: role for telomere biology?. Clinical Science, 2011, 120, 427-440.	4.3	133

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91	Reproducibility of telomere length assessment: an international collaborative study. International Journal of Epidemiology, 2015, 44, 1673-1683.	1.9	133
92	Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria. Nature Communications, 2019, 10, 4130.	12.8	133
93	Identification of genomic loci associated with resting heart rate and shared genetic predictors with all-cause mortality. Nature Genetics, 2016, 48, 1557-1563.	21.4	131
94	Genome-wide Association Studies Identify Genetic Loci Associated With Albuminuria in Diabetes. Diabetes, 2016, 65, 803-817.	0.6	131
95	Novel Blood Pressure Locus and Gene Discovery Using Genome-Wide Association Study and Expression Data Sets From Blood and the Kidney. Hypertension, 2017, 70, .	2.7	123
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.	6.2	123
97	One-Year Safety and Clinical Outcomes of a Transcatheter Interatrial Shunt Device for the Treatment of Heart Failure With Preserved Ejection Fraction in the Reduce Elevated Left Atrial Pressure in Patients With Heart Failure (REDUCE LAP-HF I) Trial. JAMA Cardiology, 2018, 3, 968.	6.1	121
98	Biological ageing and cardiovascular disease. Heart, 2008, 94, 537-539.	2.9	115
99	Secretory Phospholipase A2-IIA and Cardiovascular Disease. Journal of the American College of Cardiology, 2013, 62, 1966-1976.	2.8	115
100	Discovery and validation of sub-threshold genome-wide association study loci using epigenomic signatures. ELife, 2016, 5, .	6.0	115
101	Genome-wide association study of kidney function decline in individuals of European descent. Kidney International, 2015, 87, 1017-1029.	5.2	113
102	52 Genetic Loci Influencing MyocardialÂMass. Journal of the American College of Cardiology, 2016, 68, 1435-1448.	2.8	113
103	Multi-ancestry genome-wide geneâ€“smoking interaction study of 387,272 individuals identifies new loci associated with serum lipids. Nature Genetics, 2019, 51, 636-648.	21.4	112
104	Galectin-3, Renal Function, and Clinical Outcomes. Journal of the American Society of Nephrology: JASN, 2015, 26, 2213-2221.	6.1	111
105	Genetic variants linked to education predict longevity. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 13366-13371.	7.1	110
106	Gene-Age Interactions in Blood Pressure Regulation: A Large-Scale Investigation with the CHARGE, Global BPgen, and ICBP Consortia. American Journal of Human Genetics, 2014, 95, 24-38.	6.2	109
107	Cystatin C and Cardiovascular Disease. Journal of the American College of Cardiology, 2016, 68, 934-945.	2.8	109
108	Cardiac complications in patients hospitalised with COVID-19. European Heart Journal: Acute Cardiovascular Care, 2020, 9, 817-823.	1.0	108

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109	Genome Wide Association Identifies Common Variants at the SERPINA6/SERPINA1 Locus Influencing Plasma Cortisol and Corticosteroid Binding Globulin. PLoS Genetics, 2014, 10, e1004474.	3.5	105
110	Differential associations between renal function and â€œmodifiableâ€•risk factors in patients with chronic heart failure. Clinical Research in Cardiology, 2009, 98, 121-129.	3.3	101
111	Association Between Chromosome 9p21 Variants and the Ankle-Brachial Index Identified by a Meta-Analysis of 21 Genome-Wide Association Studies. Circulation: Cardiovascular Genetics, 2012, 5, 100-112.	5.1	98
112	Equalization of four cardiovascular risk algorithms after systematic recalibration: individual-participant meta-analysis of 86 prospective studies. European Heart Journal, 2019, 40, 621-631.	2.2	97
113	Separating the Mechanism-Based and Off-Target Actions of Cholesteryl Ester Transfer Protein Inhibitors With CETP Gene Polymorphisms. Circulation, 2010, 121, 52-62.	1.6	96
114	SMIM1 underlies the Vel blood group and influences red blood cell traits. Nature Genetics, 2013, 45, 542-545.	21.4	96
115	Genetic Obesity and the Risk of Atrial Fibrillation. Circulation, 2017, 135, 741-754.	1.6	96
116	Genetic loci associated with heart rate variability and their effects on cardiac disease risk. Nature Communications, 2017, 8, 15805.	12.8	95
117	Novel genetic associations for blood pressure identified via gene-alcohol interaction in up to 570K individuals across multiple ancestries. PLoS ONE, 2018, 13, e0198166.	2.5	94
118	Bilirubin as a Potential Causal Factor in Type 2 Diabetes Risk: A Mendelian Randomization Study. Diabetes, 2015, 64, 1459-1469.	0.6	91
119	Predictors and outcomes of heart failure with midâ€range ejection fraction. European Journal of Heart Failure, 2018, 20, 651-659.	7.1	91
120	Discovery of rare variants associated with blood pressure regulation through meta-analysis of 1.3 million individuals. Nature Genetics, 2020, 52, 1314-1332.	21.4	91
121	Genome-wide association study for circulating levels of PAI-1 provides novel insights into its regulation. Blood, 2012, 120, 4873-4881.	1.4	90
122	Genetically Determined ABO Blood Group and its Associations With Health and Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 830-838.	2.4	90
123	Replication of the five novel loci for uric acid concentrations and potential mediating mechanisms. Human Molecular Genetics, 2010, 19, 387-395.	2.9	89
124	Sex differences in new-onset heart failure. Clinical Research in Cardiology, 2015, 104, 342-350.	3.3	89
125	Genetic Risk Prediction of Atrial Fibrillation. Circulation, 2017, 135, 1311-1320.	1.6	87
126	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. Nature Communications, 2021, 12, 24.	12.8	87

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127	Bone marrow dysfunction in chronic heart failure patients. European Journal of Heart Failure, 2010, 12, 676-684.	7.1	86
128	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. American Journal of Epidemiology, 2019, 188, 1033-1054.	3.4	85
129	Associations of autozygosity with a broad range of human phenotypes. Nature Communications, 2019, 10, 4957.	12.8	84
130	Meta-analysis of up to 622,409 individuals identifies 40 novel smoking behaviour associated genetic loci. Molecular Psychiatry, 2020, 25, 2392-2409.	7.9	83
131	Age dependent associations of risk factors with heart failure: pooled population based cohort study. BMJ, The, 2021, 372, n461.	6.0	83
132	Identification of 15 novel risk loci for coronary artery disease and genetic risk of recurrent events, atrial fibrillation and heart failure. Scientific Reports, 2017, 7, 2761.	3.3	81
133	Bradykinin Protects Against Oxidative Stressâ€“Induced Endothelial Cell Senescence. Hypertension, 2009, 53, 417-422.	2.7	80
134	The LifeLines Cohort Study: Prevalence and treatment of cardiovascular disease and risk factors. International Journal of Cardiology, 2017, 228, 495-500.	1.7	79
135	Translational Perspective on Epigenetics inÂCardiovascular Disease. Journal of the American College of Cardiology, 2017, 70, 590-606.	2.8	76
136	Interethnic analyses of blood pressure loci in populations of East Asian and European descent. Nature Communications, 2018, 9, 5052.	12.8	75
137	New alcohol-related genes suggest shared genetic mechanisms with neuropsychiatric disorders. Nature Human Behaviour, 2019, 3, 950-961.	12.0	75
138	Clinical Risk Stratification Optimizes Value of Biomarkers to Predict New-Onset Heart Failure in a Community-Based Cohort. Circulation: Heart Failure, 2014, 7, 723-731.	3.9	74
139	A principal component meta-analysis on multiple anthropometric traits identifies novel loci for body shape. Nature Communications, 2016, 7, 13357.	12.8	74
140	Blood urea nitrogen-to-creatinine ratio in the general population and in patients with acute heart failure. Heart, 2017, 103, 407-413.	2.9	74
141	Lowâ€dose erythropoietin improves cardiac function in experimental heart failure without increasing haematocrit. European Journal of Heart Failure, 2008, 10, 22-29.	7.1	72
142	PR interval genome-wide association meta-analysis identifies 50 loci associated with atrial and atrioventricular electrical activity. Nature Communications, 2018, 9, 2904.	12.8	71
143	Telomere biology in cardiovascular disease: the TERC-/- mouse as a model for heart failure and ageing. Cardiovascular Research, 2008, 81, 244-252.	3.8	70
144	Annotation of loci from genome-wide association studies using tissue-specific quantitative interaction proteomics. Nature Methods, 2014, 11, 868-874.	19.0	70

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145	Translational overview of cytokine inhibition in acute myocardial infarction and chronic heart failure. Trends in Cardiovascular Medicine, 2018, 28, 369-379.	4.9	70
146	Exome Chip Meta-analysis Fine Maps Causal Variants and Elucidates the Genetic Architecture of Rare Coding Variants in Smoking and AlcoholÂUse. Biological Psychiatry, 2019, 85, 946-955.	1.3	69
147	Missing heritability: is the gap closing? An analysis of 32 complex traits in the Lifelines Cohort Study. European Journal of Human Genetics, 2017, 25, 877-885.	2.8	67
148	Genome-wide association studies and Mendelian randomization analyses for leisure sedentary behaviours. Nature Communications, 2020, 11, 1770.	12.8	66
149	Association of Lipoprotein(a) With Atherosclerotic Plaque Progression. Journal of the American College of Cardiology, 2022, 79, 223-233.	2.8	66
150	Coronary Angiography After Cardiac Arrest Without ST Segment Elevation. JAMA Cardiology, 2020, 5, 1358.	6.1	65
151	Genetic Architecture of Ambulatory Blood Pressure in the General Population. Hypertension, 2010, 56, 1069-1076.	2.7	64
152	Rationale and design of POPular-TAVI: antiPlatelet therapy fOr Patients undergoing Transcatheter Aortic Valve Implantation. American Heart Journal, 2016, 173, 77-85.	2.7	64
153	Assessment of the Relationship Between Genetic Determinants of Thyroid Function and Atrial Fibrillation. JAMA Cardiology, 2019, 4, 144.	6.1	64
154	Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. Nature Communications, 2019, 10, 376.	12.8	64
155	Aging, telomeres and heart failure. Heart Failure Reviews, 2010, 15, 479-486.	3.9	61
156	Pleiotropic Effects of Lipid Genes on Plasma Glucose, HbA1c, and HOMA-IR Levels. Diabetes, 2014, 63, 3149-3158.	0.6	61
157	Genetic study links components of the autonomous nervous system to heart-rate profile during exercise. Nature Communications, 2018, 9, 898.	12.8	60
158	Sexâ€specific associations of obesity and Nâ€terminal proâ€Bâ€type natriuretic peptide levels in the general population. European Journal of Heart Failure, 2018, 20, 1205-1214.	7.1	60
159	Multi-ancestry GWAS of the electrocardiographic PR interval identifies 202 loci underlying cardiac conduction. Nature Communications, 2020, 11, 2542.	12.8	59
160	Cardiac <scp>LXR</scp> Î± protects against pathological cardiac hypertrophy and dysfunction by enhancing glucose uptake and utilization. EMBO Molecular Medicine, 2015, 7, 1229-1243.	6.9	58
161	Potassium and the use of reninâ€“angiotensinâ€“aldosterone system inhibitors in heart failure with reduced ejection fraction: data from BIOSTATâ€CHF. European Journal of Heart Failure, 2018, 20, 923-930.	7.1	57
162	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.	1.7	55

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163	The Genetic Makeup of the Electrocardiogram. Cell Systems, 2020, 11, 229-238.e5.	6.2	55
164	Cohort Profile Update: Lifelines, a three-generation cohort study and biobank. International Journal of Epidemiology, 2022, 51, e295-e302.	1.9	54
165	Association Between Left Ventricular Mass and Telomere Length in a Population Study. American Journal of Epidemiology, 2010, 172, 440-450.	3.4	53
166	Use of biomarkers to establish potential role and function of circulating microRNAs in acute heart failure. International Journal of Cardiology, 2016, 224, 231-239.	1.7	53
167	Plasma interleukin 6 levels are associated with cardiac function after ST-elevation myocardial infarction. Clinical Research in Cardiology, 2019, 108, 612-621.	3.3	52
168	Pharmacodynamics, pharmacokinetics, and safety of single-dose subcutaneous administration of selatogrel, a novel P2Y12 receptor antagonist, in patients with chronic coronary syndromes. European Heart Journal, 2020, 41, 3132-3140.	2.2	52
169	Erythropoietin Stimulates Normal Endothelial Progenitor Cell-Mediated Endothelial Turnover, but Attributes to Neovascularization Only in the Presence of Local Ischemia. Cardiovascular Drugs and Therapy, 2008, 22, 265-274.	2.6	51
170	Telomere length and psychological well-being in patients with chronic heart failure. Age and Ageing, 2010, 39, 223-227.	1.6	50
171	Metabolic Age Based on the BBMRI-NL ¹ H-NMR Metabolomics Repository as Biomarker of Age-related Disease. Circulation Genomic and Precision Medicine, 2020, 13, 541-547.	3.6	50
172	The (pro)renin receptor in health and disease. Annals of Medicine, 2010, 42, 13-18.	3.8	49
173	Chronic Metformin Treatment is Associated with Reduced Myocardial Infarct Size in Diabetic Patients with ST-segment Elevation Myocardial Infarction. Cardiovascular Drugs and Therapy, 2014, 28, 163-171.	2.6	49
174	Telomere biology in heart failure. European Journal of Heart Failure, 2008, 10, 1049-1056.	7.1	48
175	New Blood Pressureâ€“Associated Loci Identified in Meta-Analyses of 475â€‰000 Individuals. Circulation: Cardiovascular Genetics, 2017, 10, .	5.1	48
176	Exome-chip meta-analysis identifies novel loci associated with cardiac conduction, including ADAMTS6. Genome Biology, 2018, 19, 87.	8.8	47
177	Comparing biomarker profiles of patients with heart failure: atrial fibrillation vs. sinus rhythm and reduced vs. preserved ejection fraction. European Heart Journal, 2018, 39, 3867-3875.	2.2	47
178	Genetic Determinants of P Wave Duration and PR Segment. Circulation: Cardiovascular Genetics, 2014, 7, 475-481.	5.1	45
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