

Pim van der Harst

List of Publications by Year in Descending Order

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Version: 2024-04-23

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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.

449
papers

34,410
citations

89
h-index

178
g-index

489
ext. papers

44,775
ext. citations

10.3
avg, IF

6.43
L-index

#	Paper	IF	Citations
449	Early detection of obstructive coronary artery disease in the asymptomatic high-risk population: objectives and study design of the EARLY-SYNERGY trial.. <i>American Heart Journal</i> , 2022 , 246, 166-166	4.9	1
448	Interpretation and actionability of genetic variants in cardiomyopathies: a position statement from the European Society of Cardiology Council on cardiovascular genomics.. <i>European Heart Journal</i> , 2022 ,	9.5	3
447	Association of Lipoprotein(a) With Atherosclerotic Plaque Progression.. <i>Journal of the American College of Cardiology</i> , 2022 , 79, 223-233	15.1	11
446	Large HDL particles negatively associate with leukocyte counts independent of cholesterol efflux capacity: A cross sectional study in the population-based Lifelines DEEP cohort.. <i>Atherosclerosis</i> , 2022 , 343, 20-27	3.1	1
445	Persistently elevated levels of sST2 after acute coronary syndrome are associated with recurrent cardiac events.. <i>Biomarkers</i> , 2022 , 1-17	2.6	0
444	Rationale and Design of the Groningen Intervention Study for the Preservation of Cardiac Function with Sodium Thiosulfate after St-segment Elevation Myocardial Infarction (GIPS-IV) trial. <i>American Heart Journal</i> , 2022 , 243, 167-176	4.9	2
443	Artificial Intelligence to Improve Risk Prediction with Nuclear Cardiac Studies.. <i>Current Cardiology Reports</i> , 2022 , 24, 307	4.2	1
442	Elucidating mechanisms of genetic cross-disease associations at the PROCR vascular disease locus.. <i>Nature Communications</i> , 2022 , 13, 1222	17.4	0
441	Polygenic prediction of educational attainment within and between families from genome-wide association analyses in 3 million individuals.. <i>Nature Genetics</i> , 2022 ,	36.3	7
440	Multi-task Deep Learning of Myocardial Blood Flow and Cardiovascular Risk Traits from PET Myocardial Perfusion Imaging.. <i>Journal of Nuclear Cardiology</i> , 2022 , 1	2.1	
439	Ticagrelor Monotherapy or Dual Antiplatelet Therapy After Drug-Eluting Stent Implantation: Per-Protocol Analysis of the GLOBAL LEADERS Trial.. <i>Journal of the American Heart Association</i> , 2022 , e024291	6	0
438	Cost Analysis From a Randomized Comparison of Immediate Versus Delayed Angiography After Cardiac Arrest.. <i>Journal of the American Heart Association</i> , 2022 , 11, e022238	6	
437	Prehospital risk assessment in patients suspected of non-ST-segment elevation acute coronary syndrome: a systematic review and meta-analysis.. <i>BMJ Open</i> , 2022 , 12, e057305	3	
436	Association of epicardial adipose tissue with different stages of coronary artery disease: A cross-sectional UK Biobank cardiovascular magnetic resonance imaging substudy.. <i>IJC Heart and Vasculature</i> , 2022 , 40, 101006	2.4	0
435	Coronary calcium scoring as first-line test to detect and exclude coronary artery disease in patients presenting to the general practitioner with stable chest pain: protocol of the cluster-randomised CONCRETE trial.. <i>BMJ Open</i> , 2022 , 12, e055123	3	0
434	DNA methylation signature of chronic low-grade inflammation and its role in cardio-respiratory diseases.. <i>Nature Communications</i> , 2022 , 13, 2408	17.4	1
433	Minimally invasive surgery or stenting for left anterior descending artery disease - -analysis.. <i>IJC Heart and Vasculature</i> , 2022 , 40, 101046	2.4	1

432	Multi-Modality Imaging for Prevention of Coronary Artery Disease and Myocardial Infarction in the General Population: Ready for Prime Time?. <i>Journal of Clinical Medicine</i> , 2022 , 11, 2965	5.1	0
431	Differential and shared genetic effects on kidney function between diabetic and non-diabetic individuals. <i>Communications Biology</i> , 2022 , 5,	6.7	1
430	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
429	Genetic Determinants of Serum Calcification Propensity and Cardiovascular Outcomes in the General Population.. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 809717	5.4	0
428	An Erythropoietin-Independent Mechanism of Erythrocytic Precursor Proliferation Underlies Hypoxia Tolerance in Sea Nomads.. <i>Frontiers in Physiology</i> , 2021 , 12, 760851	4.6	
427	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021 ,	50.4	24
426	Risk, Clinical Course, and Outcome of Ischemic Stroke in Patients Hospitalized With COVID-19: A Multicenter Cohort Study. <i>Stroke</i> , 2021 , 52, 3978-3986	6.7	5
425	A portable isometric knee extensor strength testing device: test-retest reliability and minimal detectable change scores of the Q-Force $\bar{\bar{I}}$ n healthy adults. <i>BMC Musculoskeletal Disorders</i> , 2021 , 22, 966	2.8	1
424	3-Year Clinical Outcomes After Implantation of Permanent-Polymer Versus Polymer-Free Stent: ReCre8 Landmark Analysis. <i>JACC: Cardiovascular Interventions</i> , 2021 , 14, 2477-2486	5	2
423	Genomic insights in ascending aortic size and distensibility.. <i>EBioMedicine</i> , 2021 , 75, 103783	8.8	1
422	Cardiovascular Risk Factors and Coronary Calcification in a Middle-aged Dutch Population: The ImaLife Study. <i>Journal of Thoracic Imaging</i> , 2021 , 36, 174-180	5.6	1
421	The Groningen electrocardiographic criteria for left ventricular hypertrophy: a sex-specific analysis. <i>Scientific Reports</i> , 2021 , 11, 6662	4.9	1
420	Age dependent associations of risk factors with heart failure: pooled population based cohort study. <i>BMJ, The</i> , 2021 , 372, n461	5.9	11
419	Clopidogrel Versus Ticagrelor or Prasugrel After Primary Percutaneous Coronary Intervention According to CYP2C19 Genotype: A POPular Genetics Subanalysis. <i>Circulation: Cardiovascular Interventions</i> , 2021 , 14, e009434	6	5
418	Prevalence, predictors, and outcomes of clonal hematopoiesis in individuals aged \geq 80 years. <i>Blood Advances</i> , 2021 , 5, 2115-2122	7.8	8
417	The effect of immediate coronary angiography after cardiac arrest without ST-segment elevation on left ventricular function. A sub-study of the COACT randomised trial. <i>Resuscitation</i> , 2021 , 164, 93-100 ⁴		2
416	Atrial fibrillation and left atrial size and function: a Mendelian randomization study. <i>Scientific Reports</i> , 2021 , 11, 8431	4.9	0
415	Clinical outcomes after permanent polymer or polymer-free stent implantation in patients with diabetes mellitus: The ReCre8 diabetes substudy. <i>Catheterization and Cardiovascular Interventions</i> , 2021 ,	2.7	1

414	Focal pericoronary adipose tissue attenuation is related to plaque presence, plaque type, and stenosis severity in coronary CTA. <i>European Radiology</i> , 2021 , 31, 7251-7261	8	1
413	Uncertainty estimation for deep learning-based automated analysis of 12-lead electrocardiograms. <i>European Heart Journal Digital Health</i> , 2021 , 2, 401-415	2.3	5
412	Genome-Wide Association Study and Identification of a Protective Missense Variant on Lipoprotein(a) Concentration: Protective Missense Variant on Lipoprotein(a) Concentration-Brief Report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021 , 41, 1792-1800	9.4	8
411	The trans-ancestral genomic architecture of glycemic traits. <i>Nature Genetics</i> , 2021 , 53, 840-860	36.3	44
410	Computed Tomography Screening for Early Lung Cancer, COPD and Cardiovascular Disease in Shanghai: Rationale and Design of a Population-based Comparative Study. <i>Academic Radiology</i> , 2021 , 28, 36-45	4.3	7
409	High-pitch dual-source CT for coronary artery calcium scoring: A head-to-head comparison of non-triggered chest versus triggered cardiac acquisition. <i>Journal of Cardiovascular Computed Tomography</i> , 2021 , 15, 65-72	2.8	4
408	Sex differences in patients with out-of-hospital cardiac arrest without ST-segment elevation: A COACT trial substudy. <i>Resuscitation</i> , 2021 , 158, 14-22	4	2
407	Meta-analysis uncovers genome-wide significant variants for rapid kidney function decline. <i>Kidney International</i> , 2021 , 99, 926-939	9.9	6
406	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. <i>Nature Communications</i> , 2021 , 12, 24	17.4	30
405	Risk prediction of atrial fibrillation in the community combining biomarkers and genetics. <i>Europace</i> , 2021 , 23, 674-681	3.9	1
404	Temporal Evolution of Serum Concentrations of High-Sensitivity Cardiac Troponin During 1 Year After Acute Coronary Syndrome Admission. <i>Journal of the American Heart Association</i> , 2021 , 10, e017393 ⁶		1
403	Coronary Artery Calcium and Cognitive Function in Dutch Adults: Cross-Sectional Results of the Population-Based ImaLife Study. <i>Journal of the American Heart Association</i> , 2021 , 10, e018172	6	2
402	Discovering and Visualizing Disease-Specific Electrocardiogram Features Using Deep Learning: Proof-of-Concept in Phospholamban Gene Mutation Carriers. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2021 , 14, e009056	6.4	8
401	Effect of metabolic genetic variants on long-term disease comorbidity in patients with type 2 diabetes. <i>Scientific Reports</i> , 2021 , 11, 2794	4.9	
400	Translational insights from single-cell technologies across the cardiovascular disease continuum. <i>Trends in Cardiovascular Medicine</i> , 2021 ,	6.9	1
399	Prehabilitation to prevent complications after cardiac surgery - A retrospective study with propensity score analysis. <i>PLoS ONE</i> , 2021 , 16, e0253459	3.7	1
398	Heart failure medication dosage and survival in women and men seen at outpatient clinics. <i>Heart</i> , 2021 , 107, 1748-1755	5.1	4
397	Clopidogrel in noncarriers of CYP2C19 loss-of-function alleles versus ticagrelor in elderly patients with acute coronary syndrome: A pre-specified sub analysis from the POPular Genetics and POPular Age trials CYP2C19 alleles in elderly patients. <i>International Journal of Cardiology</i> , 2021 , 334, 10-17	3.2	2

396	Improving patient identification for advanced cardiac imaging through machine learning-integration of clinical and coronary CT angiography data. <i>International Journal of Cardiology</i> , 2021 , 335, 130-136	3.2	1
395	Prehospital risk stratification in patients with chest pain. <i>Emergency Medicine Journal</i> , 2021 , 38, 814-819	1.5	3
394	Polygenic risk score and coronary artery disease: A meta-analysis of 979,286 participant data. <i>Atherosclerosis</i> , 2021 , 333, 48-55	3.1	2
393	The genomics of heart failure: design and rationale of the HERMES consortium. <i>ESC Heart Failure</i> , 2021 ,	3.7	1
392	Cost Effectiveness of a CYP2C19 Genotype-Guided Strategy in Patients with Acute Myocardial Infarction: Results from the POPular Genetics Trial. <i>American Journal of Cardiovascular Drugs</i> , 2021 , 1	4	4
391	Dynamic Myocardial Perfusion CT for the Detection of Hemodynamically Significant Coronary Artery Disease. <i>JACC: Cardiovascular Imaging</i> , 2021 , 15, 75-75	8.4	1
390	Association of Circulating Ketone Bodies With Functional Outcomes After ST-Segment Elevation Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2021 , 78, 1421-1432	15.1	5
389	Machine learning in cardiovascular genomics, proteomics, and drug discovery 2021 , 325-352		1
388	Variation in the SERPINA6/SERPINA1 locus alters morning plasma cortisol, hepatic corticosteroid binding globulin expression, gene expression in peripheral tissues, and risk of cardiovascular disease. <i>Journal of Human Genetics</i> , 2021 , 66, 625-636	4.3	12
387	Twenty-Five Novel Loci for Carotid Intima-Media Thickness: A Genome-Wide Association Study in >45 000 Individuals and Meta-Analysis of >100 000 Individuals. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021 , ATVBAHA121317007	9.4	0
386	Cohort Profile Update: Lifelines, a three-generation cohort study and biobank.. <i>International Journal of Epidemiology</i> , 2021 ,	7.8	2
385	Data on sex differences in one-year outcomes of out-of-hospital cardiac arrest patients without ST-segment elevation. <i>Data in Brief</i> , 2020 , 33, 106521	1.2	
384	Associations of Observational and Genetically Determined Caffeine Intake With Coronary Artery Disease and Diabetes Mellitus. <i>Journal of the American Heart Association</i> , 2020 , 9, e016808	6	4
383	Integrating the STOP-BANG Score and Clinical Data to Predict Cardiovascular Events After Infarction: A Machine Learning Study. <i>Chest</i> , 2020 , 158, 1669-1679	5.3	1
382	Active Tobacco Smoking Impairs Cardiac Systolic Function. <i>Scientific Reports</i> , 2020 , 10, 6608	4.9	7
381	Multi-ancestry GWAS of the electrocardiographic PR interval identifies 202 loci underlying cardiac conduction. <i>Nature Communications</i> , 2020 , 11, 2542	17.4	16
380	Epigenomes of Human Hearts Reveal New Genetic Variants Relevant for Cardiac Disease and Phenotype. <i>Circulation Research</i> , 2020 , 127, 761-777	15.7	8
379	Identification, Heritability, and Relation With Gene Expression of Novel DNA Methylation Loci for Blood Pressure. <i>Hypertension</i> , 2020 , 76, 195-205	8.5	12

378	High-Sensitivity Troponin-T and Cardiovascular Outcomes in the Community: Differences Between Women and Men. <i>Mayo Clinic Proceedings</i> , 2020 , 95, 1158-1168	6.4	7
377	Anticoagulation with or without Clopidogrel after Transcatheter Aortic-Valve Implantation. <i>New England Journal of Medicine</i> , 2020 , 382, 1696-1707	59.2	111
376	Proactive screening for symptoms: A simple method to improve early detection of unrecognized cardiovascular disease in primary care. Results from the Lifelines Cohort Study. <i>Preventive Medicine</i> , 2020 , 138, 106143	4.3	2
375	Sex-Based Differences in Unrecognized Myocardial Infarction. <i>Journal of the American Heart Association</i> , 2020 , 9, e015519	6	6
374	Screening for cardiovascular disease risk using traditional risk factor assessment or coronary artery calcium scoring: the ROBINSCA trial. <i>European Heart Journal Cardiovascular Imaging</i> , 2020 , 21, 1216-1224 ¹	4.1	19
373	The Relationship of Coronary Artery Calcium and Clinical Coronary Artery Disease with Cognitive Function: A Systematic Review and Meta-Analysis. <i>Journal of Atherosclerosis and Thrombosis</i> , 2020 , 27, 934-958	4	4
372	Distinct Pathological Pathways in Patients With Heart Failure and Diabetes. <i>JACC: Heart Failure</i> , 2020 , 8, 234-242	7.9	12
371	High-frequency metabolite profiling and the incidence of recurrent cardiac events in patients with post-acute coronary syndrome. <i>Biomarkers</i> , 2020 , 25, 235-240	2.6	0
370	Genetically Determined High Levels of Iron Parameters Are Protective for Coronary Artery Disease. <i>Circulation Genomic and Precision Medicine</i> , 2020 , 13, e002544	5.2	
369	Genetically Determined ABO Blood Group and its Associations With Health and Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020 , 40, 830-838	9.4	50
368	Stabilization patterns and variability of hs-CRP, NT-proBNP and ST2 during 1 year after acute coronary syndrome admission: results of the BIOMARCS study. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 2099-2106	5.9	6
367	Big Data and Artificial Intelligence: Opportunities and Threats in Electrophysiology. <i>Arrhythmia and Electrophysiology Review</i> , 2020 , 9, 146-154	3.2	7
366	The single-cell eQTLGen consortium. <i>ELife</i> , 2020 , 9,	8.9	68
365	Genetic risk and atrial fibrillation in patients with heart failure. <i>European Journal of Heart Failure</i> , 2020 , 22, 519-527	12.3	3
364	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
363	Leukocyte profiles across the cardiovascular disease continuum: A population-based cohort study. <i>Journal of Molecular and Cellular Cardiology</i> , 2020 , 138, 158-164	5.8	6
362	Pharmacodynamics, pharmacokinetics, and safety of single-dose subcutaneous administration of selatogrel, a novel P2Y12 receptor antagonist, in patients with chronic coronary syndromes. <i>European Heart Journal</i> , 2020 , 41, 3132-3140	9.5	24
361	The role of cathepsin D in the pathophysiology of heart failure and its potentially beneficial properties: a translational approach. <i>European Journal of Heart Failure</i> , 2020 , 22, 2102-2111	12.3	9

360	The Genetic Makeup of the Electrocardiogram. <i>Cell Systems</i> , 2020 , 11, 229-238.e5	10.6	11
359	The effect of feedback on cardiovascular risk factors on optimization of primary prevention: The PharmLines initiative. <i>International Journal of Cardiology: Hypertension</i> , 2020 , 6, 100042	1.6	1
358	Association of Recognized and Unrecognized Myocardial Infarction With Depressive and Anxiety Disorders in 125,988 Individuals: A Report of the Lifelines Cohort Study. <i>Psychosomatic Medicine</i> , 2020 , 82, 736-743	3.7	2
357	Safety and Tolerability of Sodium Thiosulfate in Patients with an Acute Coronary Syndrome Undergoing Coronary Angiography: A Dose-Escalation Safety Pilot Study (SAFE-ACS). <i>Journal of Interventional Cardiology</i> , 2020 , 2020, 6014915	1.8	6
356	Cardiac complications in patients hospitalised with COVID-19. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2020 , 9, 817-823	4.3	5 ⁰
355	Discovery of rare variants associated with blood pressure regulation through meta-analysis of 1.3 million individuals. <i>Nature Genetics</i> , 2020 , 52, 1314-1332	36.3	26
354	Towards reference values of pericoronary adipose tissue attenuation: impact of coronary artery and tube voltage in coronary computed tomography angiography. <i>European Radiology</i> , 2020 , 30, 6838-6846	8	12
353	Effect of Adding Ticagrelor to Standard Aspirin on Saphenous Vein Graft Patency in Patients Undergoing Coronary Artery Bypass Grafting (POPular CABG): A Randomized, Double-Blind, Placebo-Controlled Trial. <i>Circulation</i> , 2020 , 142, 1799-1807	16.7	13
352	Coronary Angiography After Cardiac Arrest Without ST Segment Elevation: One-Year Outcomes of the COACT Randomized Clinical Trial. <i>JAMA Cardiology</i> , 2020 , 5, 1358-1365	16.2	14
351	Metabolic Age Based on the BBMRI-NL H-NMR Metabolomics Repository as Biomarker of Age-related Disease. <i>Circulation Genomic and Precision Medicine</i> , 2020 , 13, 541-547	5.2	7
350	Aspirin with or without Clopidogrel after Transcatheter Aortic-Valve Implantation. <i>New England Journal of Medicine</i> , 2020 , 383, 1447-1457	59.2	100
349	Genome-Wide Association Meta-Analysis of Individuals of European Ancestry Identifies Suggestive Loci for Sodium Intake, Potassium Intake, and Their Ratio Measured from 24-Hour or Half-Day Urine Samples. <i>Journal of Nutrition</i> , 2020 , 150, 2635-2645	4.1	1
348	Human genetic determinants of the gut microbiome and their associations with health and disease: a phenome-wide association study. <i>Scientific Reports</i> , 2020 , 10, 14771	4.9	7
347	Genetic Determinants of Electrocardiographic P-Wave Duration and Relation to Atrial Fibrillation. <i>Circulation Genomic and Precision Medicine</i> , 2020 , 13, 387-395	5.2	4
346	Erythrocytosis in the general population: clinical characteristics and association with clonal hematopoiesis. <i>Blood Advances</i> , 2020 , 4, 6353-6363	7.8	13
345	Meta-analysis of up to 622,409 individuals identifies 40 novel smoking behaviour associated genetic loci. <i>Molecular Psychiatry</i> , 2020 , 25, 2392-2409	15.1	45
344	Early imaging biomarkers of lung cancer, COPD and coronary artery disease in the general population: rationale and design of the ImaLife (Imaging in Lifelines) Study. <i>European Journal of Epidemiology</i> , 2020 , 35, 75-86	12.1	14
343	The influence of atrial fibrillation on the levels of NT-proBNP versus GDF-15 in patients with heart failure. <i>Clinical Research in Cardiology</i> , 2020 , 109, 331-338	6.1	17

342	Evolution of renal function and predictive value of serial renal assessments among patients with acute coronary syndrome: BIOMARCS study. <i>International Journal of Cardiology</i> , 2020 , 299, 12-19	3.2	1
341	Lifestyle components: Self-reported physical activity, nutritional status, sleep quality and incident atrial fibrillation. <i>IJC Heart and Vasculature</i> , 2020 , 27, 100492	2.4	1
340	Genome-wide association studies and Mendelian randomization analyses for leisure sedentary behaviours. <i>Nature Communications</i> , 2020 , 11, 1770	17.4	16
339	Sex differences in leukocyte profile in ST-elevation myocardial infarction patients. <i>Scientific Reports</i> , 2020 , 10, 6851	4.9	3
338	Identifying optimal doses of heart failure medications in men compared with women: a prospective, observational, cohort study. <i>Lancet, The</i> , 2019 , 394, 1254-1263	40	83
337	Effect of Systolic Blood Pressure on Left Ventricular Structure and Function: A Mendelian Randomization Study. <i>Hypertension</i> , 2019 , 74, 826-832	8.5	10
336	A Genotype-Guided Strategy for Oral P2Y Inhibitors in Primary PCI. <i>New England Journal of Medicine</i> , 2019 , 381, 1621-1631	59.2	219
335	Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria. <i>Nature Communications</i> , 2019 , 10, 4130	17.4	43
334	Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. <i>Nature Genetics</i> , 2019 , 51, 1459-1474	36.3	122
333	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
332	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
331	Assessment of the Relationship Between Genetic Determinants of Thyroid Function and Atrial Fibrillation: A Mendelian Randomization Study. <i>JAMA Cardiology</i> , 2019 , 4, 144-152	16.2	36
330	Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. <i>Nature Communications</i> , 2019 , 10, 376	17.4	41
329	Integrative Functional Annotation of 52 Genetic Loci Influencing Myocardial Mass Identifies Candidate Regulatory Variants and Target Genes. <i>Circulation Genomic and Precision Medicine</i> , 2019 , 12, e002328	5.2	5
328	The diagnostic accuracy of clinical examination for estimating cardiac index in critically ill patients: the Simple Intensive Care Studies-I. <i>Intensive Care Medicine</i> , 2019 , 45, 190-200	14.5	18
327	A catalog of genetic loci associated with kidney function from analyses of a million individuals. <i>Nature Genetics</i> , 2019 , 51, 957-972	36.3	217
326	A comparison of two workflows for regulome and transcriptome-based prioritization of genetic variants associated with myocardial mass. <i>Genetic Epidemiology</i> , 2019 , 43, 717-726	2.6	1
325	Smoking does not accelerate leucocyte telomere attrition: a meta-analysis of 18 longitudinal cohorts. <i>Royal Society Open Science</i> , 2019 , 6, 190420	3.3	16

324	Early Clinical Impact of Cerebral Embolic Protection in Patients Undergoing Transcatheter Aortic Valve Replacement. <i>Circulation: Cardiovascular Interventions</i> , 2019 , 12, e007605	6	7
323	Temporal Pattern of Growth Differentiation Factor-15 Protein After Acute Coronary Syndrome (From the BIOMArCS Study). <i>American Journal of Cardiology</i> , 2019 , 124, 8-13	3	6
322	The clinical significance of interleukin-6 in heart failure: results from the BIOSTAT-CHF study. <i>European Journal of Heart Failure</i> , 2019 , 21, 965-973	12.3	81
321	Cardioprotective Effects of MTSS1 Enhancer Variants. <i>Circulation</i> , 2019 , 139, 2073-2076	16.7	2
320	Subsequent Event Risk in Individuals With Established Coronary Heart Disease. <i>Circulation Genomic and Precision Medicine</i> , 2019 , 12, e002470	5.2	13
319	Association of Chromosome 9p21 With Subsequent Coronary Heart Disease Events. <i>Circulation Genomic and Precision Medicine</i> , 2019 , 12, e002471	5.2	14
318	Temporal evolution of myeloperoxidase and galectin 3 during 1 year after acute coronary syndrome admission. <i>American Heart Journal</i> , 2019 , 216, 143-146	4.9	2
317	Coronary Angiography after Cardiac Arrest without ST-Segment Elevation. <i>New England Journal of Medicine</i> , 2019 , 380, 1397-1407	59.2	192
316	Agreement of 2D transthoracic echocardiography with cardiovascular magnetic resonance imaging after ST-elevation myocardial infarction. <i>European Journal of Radiology</i> , 2019 , 114, 6-13	4.7	2
315	Genome-Wide Association Scan of Serum Urea in European Populations Identifies Two Novel Loci. <i>American Journal of Nephrology</i> , 2019 , 49, 193-202	4.6	3
314	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
313	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
312	Genetics and the heart rate response to exercise. <i>Cellular and Molecular Life Sciences</i> , 2019 , 76, 2391-2409	10.3	11
311	Lipidomics, Atrial Conduction, and Body Mass Index. <i>Circulation Genomic and Precision Medicine</i> , 2019 , 12, e002384	5.2	3
310	Contributions of Interactions Between Lifestyle and Genetics on Coronary Artery Disease Risk. <i>Current Cardiology Reports</i> , 2019 , 21, 89	4.2	14
309	New alcohol-related genes suggest shared genetic mechanisms with neuropsychiatric disorders. <i>Nature Human Behaviour</i> , 2019 , 3, 950-961	12.8	32
308	Genome-wide Association Study of Change in Fasting Glucose over time in 13,807 non-diabetic European Ancestry Individuals. <i>Scientific Reports</i> , 2019 , 9, 9439	4.9	3
307	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

306	Phenome-wide association analysis of LDL-cholesterol lowering genetic variants in PCSK9. <i>BMC Cardiovascular Disorders</i> , 2019 , 19, 240	2.3	8
305	Letter to editor: Reply on question of Marques JR et al. regarding the paper entitled: "The LifeLines cohort study: Prevalence and treatment of cardiovascular disease and risk factors". <i>International Journal of Cardiology</i> , 2019 , 294, 57	3.2	1
304	Genetically Determined Physical Activity and Its Association with Circulating Blood Cells. <i>Genes</i> , 2019 , 10,	4.2	2
303	Associations of autozygosity with a broad range of human phenotypes. <i>Nature Communications</i> , 2019 , 10, 4957	17.4	40
302	Heart Rehabilitation in patients awaiting Open heart surgery targeting to prevent Complications and to improve Quality of life (Heart-ROCQ): study protocol for a prospective, randomised, open, blinded endpoint (PROBE) trial. <i>BMJ Open</i> , 2019 , 9, e031738	3	7
301	KCND3 potassium channel gene variant confers susceptibility to electrocardiographic early repolarization pattern. <i>JCI Insight</i> , 2019 , 4,	9.9	5
300	Details on high frequency blood collection, data analysis, available material and patient characteristics in BIOMArCS. <i>Data in Brief</i> , 2019 , 27, 104750	1.2	6
299	High-Frequency Biomarker Measurements of Troponin, NT-proBNP, and C-Reactive Protein for Prediction of New Coronary Events After Acute Coronary Syndrome. <i>Circulation</i> , 2019 , 139, 134-136	16.7	19
298	Equalization of four cardiovascular risk algorithms after systematic recalibration: individual-participant meta-analysis of 86 prospective studies. <i>European Heart Journal</i> , 2019 , 40, 621-631	9.5	52
297	Trans-ethnic association study of blood pressure determinants in over 750,000 individuals. <i>Nature Genetics</i> , 2019 , 51, 51-62	36.3	152
296	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. <i>Clinical Research in Cardiology</i> , 2019 , 108, 797-805	6.1	7
295	Plasma interleukin 6 levels are associated with cardiac function after ST-elevation myocardial infarction. <i>Clinical Research in Cardiology</i> , 2019 , 108, 612-621	6.1	31
294	Exome Chip Meta-analysis Fine Maps Causal Variants and Elucidates the Genetic Architecture of Rare Coding Variants in Smoking and Alcohol Use. <i>Biological Psychiatry</i> , 2019 , 85, 946-955	7.9	35
293	The temporal pattern of immune and inflammatory proteins prior to a recurrent coronary event in post-acute coronary syndrome patients. <i>Biomarkers</i> , 2019 , 24, 199-205	2.6	5
292	Translational overview of cytokine inhibition in acute myocardial infarction and chronic heart failure. <i>Trends in Cardiovascular Medicine</i> , 2018 , 28, 369-379	6.9	39
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290	Heart Rate Recovery 10 Seconds After Cessation of Exercise Predicts Death. <i>Journal of the American Heart Association</i> , 2018 , 7,	6	17
289	Causal Pathways from Blood Pressure to Larger Qrs Amplitudes a Mendelian Randomization Study. <i>Scientific Reports</i> , 2018 , 8, 5817	4.9	0

288	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
287	Mutations in <i>CACNA1C</i> Causing a Novel Orthostatic Hypotension Syndrome. <i>Circulation Research</i> , 2018 , 122, 846-854	7	13
286	Biomarker-Guided Versus Guideline-Based Treatment of Patients With Heart Failure: Results From BIOSTAT-CHF. <i>Journal of the American College of Cardiology</i> , 2018 , 71, 386-398	15.1	22
285	Relationship of Arterial Stiffness Index and Pulse Pressure With Cardiovascular Disease and Mortality. <i>Journal of the American Heart Association</i> , 2018 , 7,	6	73
284	Association of Cardiovascular Biomarkers With Incident Heart Failure With Preserved and Reduced Ejection Fraction. <i>JAMA Cardiology</i> , 2018 , 3, 215-224	16.2	115
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282	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. <i>International Journal of Cardiology</i> , 2018 , 253, 84-90	3.2	32
281	Evaluation of a genetic risk score based on creatinine-estimated glomerular filtration rate and its association with kidney outcomes. <i>Nephrology Dialysis Transplantation</i> , 2018 , 33, 1757-1764	4.3	4
280	Negative effect of vitamin D on kidney function: a Mendelian randomization study. <i>Nephrology Dialysis Transplantation</i> , 2018 , 33, 2139-2145	4.3	4
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267	Identifying Pathophysiological Mechanisms in Heart Failure With Reduced Versus Preserved Ejection Fraction. <i>Journal of the American College of Cardiology</i> , 2018 , 72, 1081-1090	15.1	108
266	Effects of Caffeine on Myocardial Blood Flow: A Systematic Review. <i>Nutrients</i> , 2018 , 10,	6.7	13
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261	Limitations of Quantitative Blush Evaluator (QuBE) as myocardial perfusion assessment method on digital coronary angiograms. <i>Journal of Clinical and Translational Research</i> , 2018 , 3, 394-400	1.1	
260	Multiancestry genome-wide association study of 520,000 subjects identifies 32 loci associated with stroke and stroke subtypes. <i>Nature Genetics</i> , 2018 , 50, 524-537	36.3	536
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189	Predicting Heart Failure With Preserved and Reduced Ejection Fraction: The International Collaboration on Heart Failure Subtypes. <i>Circulation: Heart Failure</i> , 2016 , 9,	7.6	133
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186	New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. <i>Nature Communications</i> , 2016 , 7, 10495	17.4	180
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182	Genome-wide association studies identify genetic loci for low von Willebrand factor levels. <i>European Journal of Human Genetics</i> , 2016 , 24, 1035-40	5.3	34
181	Discovery of Genetic Variation on Chromosome 5q22 Associated with Mortality in Heart Failure. <i>PLoS Genetics</i> , 2016 , 12, e1006034	6	26

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163	Use of biomarkers to establish potential role and function of circulating microRNAs in acute heart failure. <i>International Journal of Cardiology</i> , 2016 , 224, 231-239	3.2	42

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147	Effect of Metformin on Renal Function After Primary Percutaneous Coronary Intervention in Patients Without Diabetes Presenting with ST-elevation Myocardial Infarction: Data from the GIPS-III Trial. <i>Cardiovascular Drugs and Therapy</i> , 2015 , 29, 451-9	3.9	13
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5	Discovering patterns of pleiotropy in genome-wide association studies		1
4	The genetic makeup of the electrocardiogram		1
3	Genome-wide association study provides new insights into the genetic architecture and pathogenesis of heart failure		2
2	Novel blood pressure locus and gene discovery using GWAS and expression datasets from blood and the kidney		1
1	Phenome-wide association analysis of LDL-cholesterol lowering genetic variants in PCSK9		1

