

Pradeep Natarajan

List of Publications by Year in Descending Order

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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.

182
papers

15,616
citations

41
h-index

124
g-index

255
ext. papers

22,020
ext. citations

14.4
avg, IF

6.15
L-index

#	Paper	IF	Citations
182	Clonal hematopoiesis in sickle cell disease.. <i>Journal of Clinical Investigation</i> , 2022 ,	15.9	7
181	Increased prevalence of clonal hematopoiesis of indeterminate potential amongst people living with HIV.. <i>Scientific Reports</i> , 2022 , 12, 577	4.9	3
180	Photoreceptor layer thinning is an early biomarker for age-related macular degeneration: Epidemiological and genetic evidence from UK Biobank optical coherence tomography data.. <i>Ophthalmology</i> , 2022 ,	7.3	3
179	Microvascular Outcomes in Women With a History of Hypertension in Pregnancy.. <i>Circulation</i> , 2022 , 145, 552-554	16.7	0
178	Low depression frequency is associated with decreased risk of cardiometabolic disease 2022 , 1, 125-131		1
177	Repeat Measures of Lipoprotein(a) Molar Concentration and Cardiovascular Risk.. <i>Journal of the American College of Cardiology</i> , 2022 , 79, 617-628	15.1	5
176	Cardiovascular Disease Among Patients With AML and CHIP-Related Mutations.. <i>JACC: CardioOncology</i> , 2022 , 4, 38-49	3.8	0
175	Genetic Association of Body Mass Index With Pathologic Left Ventricular Remodeling.. <i>Journal of the American Heart Association</i> , 2022 , e024408	6	
174	Diastolic Blood Pressure Alleles Improve Congenital Heart Defect Repair Outcomes.. <i>Circulation Research</i> , 2022 , CIRCRESAHA121319842	15.7	0
173	Mendelian randomization supports bidirectional causality between telomere length and clonal hematopoiesis of indeterminate potential.. <i>Science Advances</i> , 2022 , 8, eabl6579	14.3	3
172	Genome-wide pleiotropy analysis of coronary artery disease and pneumonia identifies shared immune pathways.. <i>Science Advances</i> , 2022 , 8, eabl4602	14.3	1
171	A Phenome-Wide Association Study of genes associated with COVID-19 severity reveals shared genetics with complex diseases in the Million Veteran Program.. <i>PLoS Genetics</i> , 2022 , 18, e1010113	6	0
170	Genetics of smoking and risk of clonal hematopoiesis.. <i>Scientific Reports</i> , 2022 , 12, 7248	4.9	0
169	Genome-wide and phenome-wide analysis of ideal cardiovascular health in the VA Million Veteran Program. <i>PLoS ONE</i> , 2022 , 17, e0267900	3.7	
168	Atherosclerotic cardiovascular disease risk and elevated lipoprotein(a) among young adults with myocardial infarction: The Partners YOUNG-MI Registry. <i>European Journal of Preventive Cardiology</i> , 2021 , 28, e12-e14	3.9	4
167	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021 ,	50.4	24
166	Clonal Hematopoiesis Is Associated With Higher Risk of Stroke. <i>Stroke</i> , 2021 , STROKEAHA121037388	6.7	7

165	Deep Learning of the Retina Enables Phenome- and Genome-wide Analyses of the Microvasculature. <i>Circulation</i> , 2021 ,	16.7	7
164	Association of Clonal Hematopoiesis with Chronic Obstructive Pulmonary Disease. <i>Blood</i> , 2021 ,	2.2	5
163	Oxidized Phospholipids Promote NETosis and Arterial Thrombosis in LNK(SH2B3) Deficiency. <i>Circulation</i> , 2021 ,	16.7	6
162	Clonal Hematopoiesis Is Driven By Aberrant Activation of TCL1A. <i>Blood</i> , 2021 , 138, 597-597	2.2	
161	Whole Genome Sequence Analysis of the Plasma Proteome in Black Adults Provides Novel Insights into Cardiovascular Disease. <i>Circulation</i> , 2021 ,	16.7	4
160	The Role of Lipoprotein(a) in Cardiovascular Diseases-Reply. <i>JAMA - Journal of the American Medical Association</i> , 2021 , 326, 2078-2079	27.4	
159	The Association between Clonal Hematopoiesis and Gout. <i>Blood</i> , 2021 , 138, 595-595	2.2	2
158	Obesity-Induced Inflammation Co-Operates with Clonal Hematopoiesis of Indeterminate Potential (CHIP) Mutants to Promote Leukemia Development and Cardiovascular Disease. <i>Blood</i> , 2021 , 138, 1094-1094	2.2	0
157	Clinical utility of polygenic risk scores for coronary artery disease. <i>Nature Reviews Cardiology</i> , 2021 ,	14.8	7
156	Outcomes of a smartphone-based application with live health-coaching post-percutaneous coronary intervention. <i>EBioMedicine</i> , 2021 , 72, 103593	8.8	1
155	Clonal hematopoiesis is associated with risk of severe Covid-19. <i>Nature Communications</i> , 2021 , 12, 5975	17.4	12
154	Distinction of lymphoid and myeloid clonal hematopoiesis. <i>Nature Medicine</i> , 2021 , 27, 1921-1927	50.5	10
153	Dnmt3a-mutated clonal hematopoiesis promotes osteoporosis. <i>Journal of Experimental Medicine</i> , 2021 , 218,	16.6	9
152	Interventions to Mitigate Risk of Cardiovascular Disease After Adverse Pregnancy Outcomes: A Review. <i>JAMA Cardiology</i> , 2021 ,	16.2	7
151	Association of premature menopause with incident pulmonary hypertension: A cohort study. <i>PLoS ONE</i> , 2021 , 16, e0247398	3.7	3
150	Lipoprotein(a) and Coronary Artery Disease Risk Without a Family History of Heart Disease. <i>Journal of the American Heart Association</i> , 2021 , 10, e017470	6	5
149	Healthy Lifestyle and Clonal Hematopoiesis of Indeterminate Potential: Results From the Women's Health Initiative. <i>Journal of the American Heart Association</i> , 2021 , 10, e018789	6	9
148	Chromosome Xq23 is associated with lower atherogenic lipid concentrations and favorable cardiometabolic indices. <i>Nature Communications</i> , 2021 , 12, 2182	17.4	5

147	A System for Phenotype Harmonization in the National Heart, Lung, and Blood Institute Trans-Omics for Precision Medicine (TOPMed) Program. <i>American Journal of Epidemiology</i> , 2021 , 190, 1977-1992	3.8	3
146	Randomized prospective evaluation of genome sequencing versus standard-of-care as a first molecular diagnostic test. <i>Genetics in Medicine</i> , 2021 , 23, 1689-1696	8.1	3
145	Clonal hematopoiesis associated with epigenetic aging and clinical outcomes. <i>Aging Cell</i> , 2021 , 20, e133669	6.9	9
144	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
143	Trends in cholesterol testing during the COVID-19 pandemic: COVID-19 and cholesterol testing. <i>American Journal of Preventive Cardiology</i> , 2021 , 6, 100152	1.9	4
142	Association Between Genetic Variation in Blood Pressure and Increased Lifetime Risk of Peripheral Artery Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021 , 41, 2027-2034	9.4	7
141	Hematopoietic mosaic chromosomal alterations increase the risk for diverse types of infection. <i>Nature Medicine</i> , 2021 , 27, 1012-1024	50.5	16
140	Lipoprotein(a) and Cardiovascular Diseases. <i>JAMA - Journal of the American Medical Association</i> , 2021 , 326, 352-353	27.4	7
139	Premature Menopause, Clonal Hematopoiesis, and Coronary Artery Disease in Postmenopausal Women. <i>Circulation</i> , 2021 , 143, 410-423	16.7	31
138	Elevated Blood Pressure Increases Pneumonia Risk: Epidemiological Association and Mendelian Randomization in the UK Biobank. <i>Med</i> , 2021 , 2, 137-148.e4	31.7	9
137	Molecular docking and dynamics simulations of novel drug targets 2021 , 79-131		0
136	Apolipoprotein B is an insufficient explanation for the risk of coronary disease associated with lipoprotein(a). <i>Cardiovascular Research</i> , 2021 , 117, 1245-1247	9.9	3
135	Interactions Between Enhanced Polygenic Risk Scores and Lifestyle for Cardiovascular Disease, Diabetes, and Lipid Levels. <i>Circulation Genomic and Precision Medicine</i> , 2021 , 14, e003128	5.2	23
134	Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program. <i>Nature</i> , 2021 , 590, 290-299	50.4	268
133	Supplemental Association of Clonal Hematopoiesis With Incident Heart Failure. <i>Journal of the American College of Cardiology</i> , 2021 , 78, 42-52	15.1	16
132	Knowing More Than the Knowns in Familial Hypercholesterolemia. <i>JAMA Cardiology</i> , 2021 , 6, 909	16.2	
131	Clinical Conditions and Their Impact on Utility of Genetic Scores for Prediction of Acute Coronary Syndrome. <i>Circulation Genomic and Precision Medicine</i> , 2021 , 14, e003283	5.2	2
130	Whole-genome association analyses of sleep-disordered breathing phenotypes in the NHLBI TOPMed program. <i>Genome Medicine</i> , 2021 , 13, 136	14.4	3

129	Cardiovascular and Kidney Outcomes Across the Glycemic Spectrum: Insights From the UK Biobank. <i>Journal of the American College of Cardiology</i> , 2021 , 78, 453-464	15.1	5
128	Implications of Premature Coronary Artery Calcification in Primary and Secondary Prevention of Atherosclerotic Cardiovascular Disease. <i>JAMA Cardiology</i> , 2021 , 6, 1233-1234	16.2	0
127	Expanding Discovery in Cardiovascular Genome-Wide Association Studies. <i>JAMA Cardiology</i> , 2021 , 6, 1012	16.2	1
126	Clinical Utility of Lipoprotein(a) for Screening Does Not Determine Clinical Utility of Lipoprotein(a) for the Patient-Reply. <i>JAMA Cardiology</i> , 2021 , 6, 1097	16.2	
125	Association of Diet Quality With Prevalence of Clonal Hematopoiesis and Adverse Cardiovascular Events. <i>JAMA Cardiology</i> , 2021 , 6, 1069-1077	16.2	9
124	Endothelial lipase mediates efficient lipolysis of triglyceride-rich lipoproteins. <i>PLoS Genetics</i> , 2021 , 17, e1009802	6	1
123	Rare, Damaging DNA Variants in and Risk of Coronary Artery Disease: Insights From Functional Genomics and Large-Scale Sequencing Analyses. <i>Circulation Genomic and Precision Medicine</i> , 2021 , 14, e003399	5.2	2
122	Clonal hematopoiesis of indeterminate potential (CHIP): Linking somatic mutations, hematopoiesis, chronic inflammation and cardiovascular disease. <i>Journal of Molecular and Cellular Cardiology</i> , 2021 , 161, 98-105	5.8	11
121	Genetics of Smoking and Risk of Atherosclerotic Cardiovascular Diseases: A Mendelian Randomization Study. <i>JAMA Network Open</i> , 2021 , 4, e2034461	10.4	11
120	Interleukin-6 Signaling Effects on Ischemic Stroke and Other Cardiovascular Outcomes: A Mendelian Randomization Study. <i>Circulation Genomic and Precision Medicine</i> , 2020 , 13, e002872	5.2	41
119	Limitations of Contemporary Guidelines for Managing Patients at High Genetic Risk of Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 2769-2780	15.1	33
118	Cytotoxic and pharmacokinetic studies of Indian seaweed polysaccharides for formulating raindrop synbiotic candy. <i>International Journal of Biological Macromolecules</i> , 2020 , 154, 557-566	7.9	9
117	Premature Menopause and Risk for Cardiovascular Disease-Reply. <i>JAMA - Journal of the American Medical Association</i> , 2020 , 323, 1617-1618	27.4	
116	Abstract 16686: Improved Diet Quality is Associated With Lower Prevalence of Clonal Hematopoiesis of Indeterminate Potential. <i>Circulation</i> , 2020 , 142,	16.7	1
115	Hematopoietic mosaic chromosomal alterations and risk for infection among 767,891 individuals without blood cancer 2020 ,		2
114	PCSK9 loss of function is protective against extra-coronary atherosclerotic cardiovascular disease in a large multi-ethnic cohort. <i>PLoS ONE</i> , 2020 , 15, e0239752	3.7	2
113	Digital health for primary prevention of cardiovascular disease: Promise to practice. <i>Cardiovascular Digital Health Journal</i> , 2020 , 1, 59-61	2	1
112	Androgen Regulates SARS-CoV-2 Receptor Levels and Is Associated with Severe COVID-19 Symptoms in Men 2020 ,		18

111	Increased CHIP Prevalence Amongst People Living with HIV 2020 ,		5
110	Hematopoietic mosaic chromosomal alterations and risk for infection among 767,891 individuals without blood cancer 2020 ,		5
109	Clonal hematopoiesis is associated with risk of severe Covid-19 2020 ,		10
108	Risk Factors and Outcomes of Very Young Adults Who Experience Myocardial Infarction: The Partners YOUNG-MI Registry. <i>American Journal of Medicine</i> , 2020 , 133, 605-612.e1	2.4	27
107	Pharmacophore modeling coupled with scaffold hopping to identify novel and potent ribosomal S6 kinase (RSK2) protein antagonists as anti-cancer agents. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020 , 38, 4947-4955	3.6	1
106	Genetic Interleukin 6 Signaling Deficiency Attenuates Cardiovascular Risk in Clonal Hematopoiesis. <i>Circulation</i> , 2020 , 141, 124-131	16.7	120
105	Genetic Architecture of Abdominal Aortic Aneurysm in the Million Veteran Program. <i>Circulation</i> , 2020 , 142, 1633-1646	16.7	24
104	Inherited myeloproliferative neoplasm risk affects haematopoietic stem cells. <i>Nature</i> , 2020 , 586, 769-775	50.4	32
103	Inherited causes of clonal haematopoiesis in 97,691 whole genomes. <i>Nature</i> , 2020 , 586, 763-768	50.4	127
102	Menopausal age and left ventricular remodeling by cardiac magnetic resonance imaging among 14,550 women. <i>American Heart Journal</i> , 2020 , 229, 138-143	4.9	1
101	Androgen Signaling Regulates SARS-CoV-2 Receptor Levels and Is Associated with Severe COVID-19 Symptoms in Men. <i>Cell Stem Cell</i> , 2020 , 27, 876-889.e12	18	85
100	Heart rate variability with photoplethysmography in 8 million individuals: a cross-sectional study. <i>The Lancet Digital Health</i> , 2020 , 2, e650-e657	14.4	25
99	Response by Wasfy et al to Letter Regarding Article, "Association of an Acute Myocardial Infarction Readmission-Reduction Program With Mortality and Readmission". <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2020 , 13, e007184	5.8	1
98	Heterozygous Gene Deficiency and Risk of Coronary Artery Disease. <i>Circulation Genomic and Precision Medicine</i> , 2020 , 13, 417-423	5.2	21
97	Heart Failure in Women With Hypertensive Disorders of Pregnancy: Insights From the Cardiovascular Disease in Norway Project. <i>Hypertension</i> , 2020 , 76, 1506-1513	8.5	18
96	Study of lipoprotein(a) and its impact on atherosclerotic cardiovascular disease: Design and rationale of the Mass General Brigham Lp(a) Registry. <i>Clinical Cardiology</i> , 2020 , 43, 1209-1215	3.3	1
95	Transcriptomic signatures across human tissues identify functional rare genetic variation. <i>Science</i> , 2020 , 369,	33.3	36
94	Genetic Variation in Cardiometabolic Traits and Medication Targets and the Risk of Hypertensive Disorders of Pregnancy. <i>Circulation</i> , 2020 , 142, 711-713	16.7	9

93	Early clinical and sociodemographic experience with patients hospitalized with COVID-19 at a large American healthcare system. <i>EClinicalMedicine</i> , 2020 , 26, 100504	11.3	34
92	Dynamic incorporation of multiple in silico functional annotations empowers rare variant association analysis of large whole-genome sequencing studies at scale. <i>Nature Genetics</i> , 2020 , 52, 969-983	36.3	33
91	Loss-of-function genomic variants highlight potential therapeutic targets for cardiovascular disease. <i>Nature Communications</i> , 2020 , 11, 6417	17.4	17
90	Preventive Management of Nonobstructive CAD After Coronary CT Angiography in the Emergency Department. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 437-448	8.4	11
89	Polygenic Scores to Assess Atherosclerotic Cardiovascular Disease Risk: Clinical Perspectives and Basic Implications. <i>Circulation Research</i> , 2020 , 126, 1159-1177	15.7	44
88	Clinical Utility of Lipoprotein(a) and LPA Genetic Risk Score in Risk Prediction of Incident Atherosclerotic Cardiovascular Disease. <i>JAMA Cardiology</i> , 2020 ,	16.2	21
87	Whole Genome Sequencing Identifies CRISPLD2 as a Lung Function Gene in Children With Asthma. <i>Chest</i> , 2019 , 156, 1068-1079	5.3	3
86	Whole-Genome Sequencing to Characterize Monogenic and Polygenic Contributions in Patients Hospitalized With Early-Onset Myocardial Infarction. <i>Circulation</i> , 2019 , 139, 1593-1602	16.7	112
85	Genetic Link Between Arterial Stiffness and Atrial Fibrillation. <i>Circulation Genomic and Precision Medicine</i> , 2019 , 12, e002453	5.2	6
84	Genetic Association of Finger Photoplethysmography-Derived Arterial Stiffness Index With Blood Pressure and Coronary Artery Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019 , 39, 1253-1261	9.4	15
83	Association of an HDL Apolipoproteomic Score With Coronary Atherosclerosis and Cardiovascular Death. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 2135-2145	15.1	9
82	A statistical framework for cross-tissue transcriptome-wide association analysis. <i>Nature Genetics</i> , 2019 , 51, 568-576	36.3	108
81	Association of Risk Alleles With Cardiovascular Disease in Blacks in the Million Veteran Program. <i>Circulation</i> , 2019 , 140, 1031-1040	16.7	18
80	Genomic and transcriptomic association studies identify 16 novel susceptibility loci for venous thromboembolism. <i>Blood</i> , 2019 , 134, 1645-1657	2.2	63
79	Genome-wide association study of peripheral artery disease in the Million Veteran Program. <i>Nature Medicine</i> , 2019 , 25, 1274-1279	50.5	73
78	Clonal Hematopoiesis of Indeterminate Potential Reshapes Age-Related CVD: JACC Review Topic of the Week. <i>Journal of the American College of Cardiology</i> , 2019 , 74, 578-586	15.1	27
77	Optimal Non-invasive Strategies to Reduce Recurrent Atherosclerotic Cardiovascular Disease Risk. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2019 , 21, 38	2.1	
76	Genome-wide association analysis of venous thromboembolism identifies new risk loci and genetic overlap with arterial vascular disease. <i>Nature Genetics</i> , 2019 , 51, 1574-1579	36.3	56

75	Completing the genetic spectrum influencing coronary artery disease: from germline to somatic variation. <i>Cardiovascular Research</i> , 2019 , 115, 830-843	9.9	7
74	Association of Premature Natural and Surgical Menopause With Incident Cardiovascular Disease. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 322, 2411-2421	27.4	92
73	Long-Term Cardiovascular Risk in Women With Hypertension During Pregnancy. <i>Journal of the American College of Cardiology</i> , 2019 , 74, 2743-2754	15.1	69
72	DNA Sequence Variation in Encoding the Activin Receptor-Like Kinase 7 Influences Body Fat Distribution and Protects Against Type 2 Diabetes. <i>Diabetes</i> , 2019 , 68, 226-234	0.9	12
71	Recall by genotype and cascade screening for familial hypercholesterolemia in a population-based biobank from Estonia. <i>Genetics in Medicine</i> , 2019 , 21, 1173-1180	8.1	20
70	Analysis of predicted loss-of-function variants in UK Biobank identifies variants protective for disease. <i>Nature Communications</i> , 2018 , 9, 1613	17.4	55
69	Insights from population-based analyses of plasma lipids across the allele frequency spectrum. <i>Current Opinion in Genetics and Development</i> , 2018 , 50, 1-6	4.9	2
68	Coupled Structural and Kinetic Model of Lignin Fast Pyrolysis. <i>Energy & Fuels</i> , 2018 , 32, 1822-1830	4.1	34
67	Microwave torrefaction of <i>Prosopis juliflora</i> : Experimental and modeling study. <i>Fuel Processing Technology</i> , 2018 , 172, 86-96	7.2	25
66	Phenotypic Consequences of a Genetic Predisposition to Enhanced Nitric Oxide Signaling. <i>Circulation</i> , 2018 , 137, 222-232	16.7	53
65	Clonal Hematopoiesis: Somatic Mutations in Blood Cells and Atherosclerosis. <i>Circulation Genomic and Precision Medicine</i> , 2018 , 11, e001926	5.2	20
64	Deep coverage whole genome sequences and plasma lipoprotein(a) in individuals of European and African ancestries. <i>Nature Communications</i> , 2018 , 9, 2606	17.4	53
63	Genome-wide polygenic scores for common diseases identify individuals with risk equivalent to monogenic mutations. <i>Nature Genetics</i> , 2018 , 50, 1219-1224	36.3	1073
62	Deep-coverage whole genome sequences and blood lipids among 16,324 individuals. <i>Nature Communications</i> , 2018 , 9, 3391	17.4	90
61	Genetic inactivation of ANGPTL4 improves glucose homeostasis and is associated with reduced risk of diabetes. <i>Nature Communications</i> , 2018 , 9, 2252	17.4	71
60	O3-03-06: CROSS-TISSUE TRANSCRIPTOME-WIDE ASSOCIATION META-ANALYSIS IDENTIFIES NOVEL RISK GENES FOR LATE-ONSET ALZHEIMER'S DISEASE 2018 , 14, P1017-P1018		
59	Spontaneous coronary artery dissection masquerading as Takotsubo cardiomyopathy: a case report. <i>European Heart Journal - Case Reports</i> , 2018 , 2, yty102	0.9	1
58	Effects of Genetic Variants Associated with Familial Hypercholesterolemia on Low-Density Lipoprotein-Cholesterol Levels and Cardiovascular Outcomes in the Million Veteran Program. <i>Circulation Genomic and Precision Medicine</i> , 2018 , 11,	5.2	7

57	Genetics of blood lipids among ~300,000 multi-ethnic participants of the Million Veteran Program. <i>Nature Genetics</i> , 2018 , 50, 1514-1523	36.3	260
56	Polygenic Risk Score Identifies Subgroup With Higher Burden of Atherosclerosis and Greater Relative Benefit From Statin Therapy in the Primary Prevention Setting. <i>Circulation</i> , 2017 , 135, 2091-2101	16.7	244
55	Association of Rare and Common Variation in the Lipoprotein Lipase Gene With Coronary Artery Disease. <i>JAMA - Journal of the American Medical Association</i> , 2017 , 317, 937-946	27.4	109
54	Genetic Association of Waist-to-Hip Ratio With Cardiometabolic Traits, Type 2 Diabetes, and Coronary Heart Disease. <i>JAMA - Journal of the American Medical Association</i> , 2017 , 317, 626-634	27.4	195
53	Human knockouts and phenotypic analysis in a cohort with a high rate of consanguinity. <i>Nature</i> , 2017 , 544, 235-239	50.4	208
52	Genetic Variation at the Sulfonylurea Receptor, Type 2 Diabetes, and Coronary Heart Disease. <i>Diabetes</i> , 2017 , 66, 2310-2315	0.9	17
51	Protein-Truncating Variants at the Cholesteryl Ester Transfer Protein Gene and Risk for Coronary Heart Disease. <i>Circulation Research</i> , 2017 , 121, 81-88	15.7	48
50	Clonal Hematopoiesis and Risk of Atherosclerotic Cardiovascular Disease. <i>New England Journal of Medicine</i> , 2017 , 377, 111-121	59.2	991
49	Microkinetic model for WGS over ionic platinum substituted ceria under r-WGS conditions. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 23891-23898	6.7	2
48	ANGPTL3 Deficiency and Protection Against Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2017 , 69, 2054-2063	15.1	226
47	Genetic Analysis of Venous Thromboembolism in UK Biobank Identifies the ZFPM2 Locus and Implicates Obesity as a Causal Risk Factor. <i>Circulation: Cardiovascular Genetics</i> , 2017 , 10,		52
46	Comprehensive population-based genome sequencing provides insight into hematopoietic regulatory mechanisms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E327-E336	11.5	30
45	Evaluation of the Pooled Cohort Equations for Prediction of Cardiovascular Risk in a Contemporary Prospective Cohort. <i>American Journal of Cardiology</i> , 2017 , 119, 881-885	3	18
44	Proprotein Convertase Subtilisin/Kexin Type 9 Inhibitor Therapy: Payer Approvals and Rejections, and Patient Characteristics for Successful Prescribing. <i>Circulation</i> , 2017 , 136, 2210-2219	16.7	33
43	Clonal Hematopoiesis and Atherosclerosis. <i>New England Journal of Medicine</i> , 2017 , 377, 1401-1402	59.2	23
42	A human APOC3 missense variant and monoclonal antibody accelerate apoC-III clearance and lower triglyceride-rich lipoprotein levels. <i>Nature Medicine</i> , 2017 , 23, 1086-1094	50.5	63
41	Genetic analysis in UK Biobank links insulin resistance and transendothelial migration pathways to coronary artery disease. <i>Nature Genetics</i> , 2017 , 49, 1392-1397	36.3	127
40	An electronic cardiac rehabilitation referral system increases cardiac rehabilitation referrals. <i>Coronary Artery Disease</i> , 2017 , 28, 342-345	1.4	7

39	Analysis of protein-coding genetic variation in 60,706 humans. <i>Nature</i> , 2016 , 536, 285-91	50.4	6940
38	Multiethnic Exome-Wide Association Study of Subclinical Atherosclerosis. <i>Circulation: Cardiovascular Genetics</i> , 2016 , 9, 511-520		34
37	Aggregate penetrance of genomic variants for actionable disorders in European and African Americans. <i>Science Translational Medicine</i> , 2016 , 8, 364ra151	17.5	41
36	Gene-gene Interaction Analyses for Atrial Fibrillation. <i>Scientific Reports</i> , 2016 , 6, 35371	4.9	11
35	Genetic Risk, Adherence to a Healthy Lifestyle, and Coronary Disease. <i>New England Journal of Medicine</i> , 2016 , 375, 2349-2358	59.2	601
34	A null mutation in ANGPTL8 does not associate with either plasma glucose or type 2 diabetes in humans. <i>BMC Endocrine Disorders</i> , 2016 , 16, 7	3.3	8
33	Inhibitor design against JNK1 through e-pharmacophore modeling docking and molecular dynamics simulations. <i>Journal of Receptor and Signal Transduction Research</i> , 2016 , 36, 558-571	2.6	33
32	E-pharmacophore-based virtual screening to identify GSK-3 inhibitors. <i>Journal of Receptor and Signal Transduction Research</i> , 2016 , 36, 445-58	2.6	19
31	The future of low-density lipoprotein cholesterol lowering therapy: An end to statin exceptionalism?. <i>European Journal of Preventive Cardiology</i> , 2016 , 23, 1062-4	3.9	5
30	Phenotypic Characterization of Genetically Lowered Human Lipoprotein(a) Levels. <i>Journal of the American College of Cardiology</i> , 2016 , 68, 2761-2772	15.1	127
29	Diagnostic Yield and Clinical Utility of Sequencing Familial Hypercholesterolemia Genes in Patients With Severe Hypercholesterolemia. <i>Journal of the American College of Cardiology</i> , 2016 , 67, 2578-89	15.1	458
28	PCSK9 Inhibitors. <i>Cell</i> , 2016 , 165, 1037	56.2	18
27	Ultra-rare disruptive and damaging mutations influence educational attainment in the general population. <i>Nature Neuroscience</i> , 2016 , 19, 1563-1565	25.5	63
26	Association of APOC3 Loss-of-Function Mutations With Plasma Lipids and Subclinical Atherosclerosis: The Multi-Ethnic BioImage Study. <i>Journal of the American College of Cardiology</i> , 2015 , 66, 2053-2055	15.1	34
25	Disproportionate Contributions of Select Genomic Compartments and Cell Types to Genetic Risk for Coronary Artery Disease. <i>PLoS Genetics</i> , 2015 , 11, e1005622	6	52
24	Inactivating mutations in NPC1L1 and protection from coronary heart disease. <i>New England Journal of Medicine</i> , 2014 , 371, 2072-82	59.2	307
23	Acute Coronary Syndrome 2014 , 49-66		
22	Endothelial lipase is a critical determinant of high-density lipoprotein-stimulated sphingosine 1-phosphate-dependent signaling in vascular endothelium. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 1788-94	9.4	32

21	Could direct inhibition of inflammation be the "next big thing" in treating atherosclerosis? <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010 , 30, 2081-3	9.4	8
20	High-density lipoprotein and coronary heart disease: current and future therapies. <i>Journal of the American College of Cardiology</i> , 2010 , 55, 1283-99	15.1	155
19	Effect of hospitalist attending physicians on trainee educational experiences: a systematic review. <i>Journal of Hospital Medicine</i> , 2009 , 4, 490-8	2.7	28
18	Effect of the use of instructional anatomy videos on student performance. <i>Anatomical Sciences Education</i> , 2008 , 1, 159-65	6.8	52
17	Identification of an apolipoprotein A-I structural element that mediates cellular cholesterol efflux and stabilizes ATP binding cassette transporter A1. <i>Journal of Biological Chemistry</i> , 2004 , 279, 24044-52	5.4	57
16	Thiol-bearing synthetic peptides retain the antioxidant activity of apolipoprotein A-I (Milano). <i>Biochemical and Biophysical Research Communications</i> , 2002 , 297, 206-13	3.4	22
15	Deep-coverage whole genome sequences and blood lipids among 16,324 individuals		4
14	Deep coverage whole genome sequences and plasma lipoprotein(a) in individuals of European and African ancestries		1
13	Heterozygous ATP-binding Cassette Transporter G5 Gene Deficiency and Risk of Coronary Artery Disease		1
12	Genetic predisposition to myeloproliferative neoplasms implicates hematopoietic stem cell biology		1
11	Analysis of protein-coding genetic variation in 60,706 humans		81
10	Human knockouts in a cohort with a high rate of consanguinity		8
9	Influence of blood pressure on pneumonia risk: Epidemiological association and Mendelian randomisation in the UK Biobank		3
8	Rare coding variants in 35 genes associate with circulating lipid levels in a multi-ancestry analysis of 170,000 exomes		2
7	Genome-wide polygenic score to identify a monogenic risk-equivalent for coronary disease		13
6	Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program		68
5	Inherited Causes of Clonal Hematopoiesis of Indeterminate Potential in TOPMed Whole Genomes		11
4	Clonal hematopoiesis in sickle cell disease		1

- 3 Genome-wide pleiotropy analysis of coronary artery disease and pneumonia identifies shared immune pathways 1
- 2 TP53-mediated clonal hematopoiesis confers increased risk for incident peripheral artery disease 3
- 1 A MUC5B gene polymorphism, rs35705950-T, confers protective effects in COVID-19 infection 1