

Muredach P Reilly

List of Publications by Citations

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

306
papers

42,654
citations

95
h-index

204
g-index

325
ext. papers

49,179
ext. citations

11.1
avg, IF

6.36
L-index

#	Paper	IF	Citations
306	Biological, clinical and population relevance of 95 loci for blood lipids. <i>Nature</i> , 2010 , 466, 707-13	50.4	2742
305	Discovery and refinement of loci associated with lipid levels. <i>Nature Genetics</i> , 2013 , 45, 1274-1283	36.3	1904
304	Variant of transcription factor 7-like 2 (TCF7L2) gene confers risk of type 2 diabetes. <i>Nature Genetics</i> , 2006 , 38, 320-3	36.3	1725
303	Plasma HDL cholesterol and risk of myocardial infarction: a mendelian randomisation study. <i>Lancet, The</i> , 2012 , 380, 572-80	40	1523
302	Large-scale association analysis identifies 13 new susceptibility loci for coronary artery disease. <i>Nature Genetics</i> , 2011 , 43, 333-8	36.3	1394
301	A common variant on chromosome 9p21 affects the risk of myocardial infarction. <i>Science</i> , 2007 , 316, 1491-3	33.3	1322
300	A comprehensive 1,000 Genomes-based genome-wide association meta-analysis of coronary artery disease. <i>Nature Genetics</i> , 2015 , 47, 1121-1130	36.3	1290
299	Large-scale association analysis identifies new risk loci for coronary artery disease. <i>Nature Genetics</i> , 2013 , 45, 25-33	36.3	1172
298	Cyclooxygenase inhibitors and the antiplatelet effects of aspirin. <i>New England Journal of Medicine</i> , 2001 , 345, 1809-17	59.2	1076
297	Genome-wide association of early-onset myocardial infarction with single nucleotide polymorphisms and copy number variants. <i>Nature Genetics</i> , 2009 , 41, 334-41	36.3	884
296	A variant in CDKAL1 influences insulin response and risk of type 2 diabetes. <i>Nature Genetics</i> , 2007 , 39, 770-5	36.3	851
295	Resistin is an inflammatory marker of atherosclerosis in humans. <i>Circulation</i> , 2005 , 111, 932-9	16.7	711
294	Sequence variants affecting eosinophil numbers associate with asthma and myocardial infarction. <i>Nature Genetics</i> , 2009 , 41, 342-7	36.3	627
293	Identification of seven loci affecting mean telomere length and their association with disease. <i>Nature Genetics</i> , 2013 , 45, 422-7, 427e1-2	36.3	624
292	Two variants on chromosome 17 confer prostate cancer risk, and the one in TCF2 protects against type 2 diabetes. <i>Nature Genetics</i> , 2007 , 39, 977-83	36.3	616
291	Common variants associated with plasma triglycerides and risk for coronary artery disease. <i>Nature Genetics</i> , 2013 , 45, 1345-52	36.3	597
290	The same sequence variant on 9p21 associates with myocardial infarction, abdominal aortic aneurysm and intracranial aneurysm. <i>Nature Genetics</i> , 2008 , 40, 217-24	36.3	596

289	Interleukin-6 receptor pathways in coronary heart disease: a collaborative meta-analysis of 82 studies. <i>Lancet, The</i> , 2012 , 379, 1205-13	40	522
288	Meta-analysis and imputation refines the association of 15q25 with smoking quantity. <i>Nature Genetics</i> , 2010 , 42, 436-40	36.3	521
287	Triglyceride-mediated pathways and coronary disease: collaborative analysis of 101 studies. <i>Lancet, The</i> , 2010 , 375, 1634-9	40	520
286	Exome sequencing identifies rare LDLR and APOA5 alleles conferring risk for myocardial infarction. <i>Nature</i> , 2015 , 518, 102-6	50.4	463
285	A genome-wide meta-analysis identifies 22 loci associated with eight hematological parameters in the HaemGen consortium. <i>Nature Genetics</i> , 2009 , 41, 1182-90	36.3	433
284	Refining the impact of TCF7L2 gene variants on type 2 diabetes and adaptive evolution. <i>Nature Genetics</i> , 2007 , 39, 218-25	36.3	420
283	Identification of ADAMTS7 as a novel locus for coronary atherosclerosis and association of ABO with myocardial infarction in the presence of coronary atherosclerosis: two genome-wide association studies. <i>Lancet, The</i> , 2011 , 377, 383-92	40	399
282	An inflammatory cascade leading to hyperresistinemia in humans. <i>PLoS Medicine</i> , 2004 , 1, e45	11.6	361
281	The metabolic syndrome: more than the sum of its parts?. <i>Circulation</i> , 2003 , 108, 1546-51	16.7	361
280	Overexpression of apolipoprotein A-I promotes reverse transport of cholesterol from macrophages to feces in vivo. <i>Circulation</i> , 2003 , 108, 661-3	16.7	358
279	Leptin resistance: a possible interface of inflammation and metabolism in obesity-related cardiovascular disease. <i>Journal of the American College of Cardiology</i> , 2008 , 52, 1201-10	15.1	354
278	Rare variant in scavenger receptor BI raises HDL cholesterol and increases risk of coronary heart disease. <i>Science</i> , 2016 , 351, 1166-71	33.3	325
277	Coding Variation in ANGPTL4, LPL, and SVEP1 and the Risk of Coronary Disease. <i>New England Journal of Medicine</i> , 2016 , 374, 1134-44	59.2	325
276	Concept, design and implementation of a cardiovascular gene-centric 50 k SNP array for large-scale genomic association studies. <i>PLoS ONE</i> , 2008 , 3, e3583	3.7	321
275	Genetic variants influencing circulating lipid levels and risk of coronary artery disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010 , 30, 2264-76	9.4	318
274	Common variants at 10 genomic loci influence hemoglobin A1C levels via glycemic and nonglycemic pathways. <i>Diabetes</i> , 2010 , 59, 3229-39	0.9	314
273	Inactivating mutations in NPC1L1 and protection from coronary heart disease. <i>New England Journal of Medicine</i> , 2014 , 371, 2072-82	59.2	307
272	Pharmacological activation of liver X receptors promotes reverse cholesterol transport in vivo. <i>Circulation</i> , 2006 , 113, 90-7	16.7	306

271	Common variation in KITLG and at 5q31.3 predisposes to testicular germ cell cancer. <i>Nature Genetics</i> , 2009 , 41, 811-5	36.3	294
270	Inflammation impairs reverse cholesterol transport in vivo. <i>Circulation</i> , 2009 , 119, 1135-45	16.7	285
269	Biosynthesis of 15-deoxy- $\Delta^{12,14}$ -PGJ2 and the ligation of PPAR α <i>Journal of Clinical Investigation</i> , 2003 , 112, 945-955	15.9	281
268	Association between albuminuria, kidney function, and inflammatory biomarker profile in CKD in CRIC. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2012 , 7, 1938-46	6.9	276
267	Fibroblast growth factor 23 is not associated with and does not induce arterial calcification. <i>Kidney International</i> , 2013 , 83, 1159-68	9.9	251
266	Genome-wide association study of coronary heart disease and its risk factors in 8,090 African Americans: the NHLBI CARE Project. <i>PLoS Genetics</i> , 2011 , 7, e1001300	6	249
265	Shared genetic susceptibility to ischemic stroke and coronary artery disease: a genome-wide analysis of common variants. <i>Stroke</i> , 2014 , 45, 24-36	6.7	245
264	Hepatic expression of scavenger receptor class B type I (SR-BI) is a positive regulator of macrophage reverse cholesterol transport in vivo. <i>Journal of Clinical Investigation</i> , 2005 , 115, 2870-4	15.9	245
263	Distribution and medical impact of loss-of-function variants in the Finnish founder population. <i>PLoS Genetics</i> , 2014 , 10, e1004494	6	243
262	Genome-wide association study in Han Chinese identifies four new susceptibility loci for coronary artery disease. <i>Nature Genetics</i> , 2012 , 44, 890-4	36.3	243
261	Increased formation of distinct F2 isoprostanes in hypercholesterolemia. <i>Circulation</i> , 1998 , 98, 2822-8	16.7	236
260	Experimental endotoxemia induces adipose inflammation and insulin resistance in humans. <i>Diabetes</i> , 2010 , 59, 172-81	0.9	234
259	Association of low-frequency and rare coding-sequence variants with blood lipids and coronary heart disease in 56,000 whites and blacks. <i>American Journal of Human Genetics</i> , 2014 , 94, 223-32	11	233
258	Large-scale gene-centric meta-analysis across 39 studies identifies type 2 diabetes loci. <i>American Journal of Human Genetics</i> , 2012 , 90, 410-25	11	214
257	PCSK9 is a critical regulator of the innate immune response and septic shock outcome. <i>Science Translational Medicine</i> , 2014 , 6, 258ra143	17.5	213
256	Large-scale gene-centric meta-analysis across 32 studies identifies multiple lipid loci. <i>American Journal of Human Genetics</i> , 2012 , 91, 823-38	11	189
255	Dysfunctional nitric oxide signalling increases risk of myocardial infarction. <i>Nature</i> , 2013 , 504, 432-6	50.4	185
254	Circadian control of innate immunity in macrophages by miR-155 targeting Bmal1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 7231-6	11.5	183

253	Innate immunity modulates adipokines in humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007 , 92, 2272-9	5.6	180
252	Plasma leptin levels are associated with coronary atherosclerosis in type 2 diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004 , 89, 3872-8	5.6	173
251	CUBN is a gene locus for albuminuria. <i>Journal of the American Society of Nephrology: JASN</i> , 2011 , 22, 555-70	17.0	170
250	Meta-analysis of genome-wide association studies from the CHARGE consortium identifies common variants associated with carotid intima media thickness and plaque. <i>Nature Genetics</i> , 2011 , 43, 940-7	36.3	168
249	Increased formation of the isoprostanes IPF2alpha-I and 8-epi-prostaglandin F2alpha in acute coronary angioplasty: evidence for oxidant stress during coronary reperfusion in humans. <i>Circulation</i> , 1997 , 96, 3314-20	16.7	167
248	Strong synaptic transmission impact by copy number variations in schizophrenia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 10584-9	11.5	165
247	Interferon gamma attenuates insulin signaling, lipid storage, and differentiation in human adipocytes via activation of the JAK/STAT pathway. <i>Journal of Biological Chemistry</i> , 2009 , 284, 31936-44	5.4	165
246	Patients exposed to rofecoxib and celecoxib have different odds of nonfatal myocardial infarction. <i>Annals of Internal Medicine</i> , 2005 , 142, 157-64	8	160
245	Genome-wide association study identifies a sequence variant within the DAB2IP gene conferring susceptibility to abdominal aortic aneurysm. <i>Nature Genetics</i> , 2010 , 42, 692-7	36.3	155
244	Coronary Artery Calcification and Risk of Cardiovascular Disease and Death Among Patients With Chronic Kidney Disease. <i>JAMA Cardiology</i> , 2017 , 2, 635-643	16.2	154
243	Genetically determined height and coronary artery disease. <i>New England Journal of Medicine</i> , 2015 , 372, 1608-18	59.2	152
242	Measures of insulin resistance add incremental value to the clinical diagnosis of metabolic syndrome in association with coronary atherosclerosis. <i>Circulation</i> , 2004 , 110, 803-9	16.7	151
241	Integrative genomics reveals novel molecular pathways and gene networks for coronary artery disease. <i>PLoS Genetics</i> , 2014 , 10, e1004502	6	147
240	Systematic Evaluation of Pleiotropy Identifies 6 Further Loci Associated With Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2017 , 69, 823-836	15.1	146
239	Loss-of-function variants in endothelial lipase are a cause of elevated HDL cholesterol in humans. <i>Journal of Clinical Investigation</i> , 2009 , 119, 1042-50	15.9	144
238	Effects of pioglitazone on lipoproteins, inflammatory markers, and adipokines in nondiabetic patients with metabolic syndrome. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006 , 26, 182-8	9.4	142
237	Relationship of estimated GFR and coronary artery calcification in the CRIC (Chronic Renal Insufficiency Cohort) Study. <i>American Journal of Kidney Diseases</i> , 2011 , 58, 519-26	7.4	136
236	Identification of new susceptibility loci for type 2 diabetes and shared etiological pathways with coronary heart disease. <i>Nature Genetics</i> , 2017 , 49, 1450-1457	36.3	136

235	Design of the Coronary ARtery Disease Genome-Wide Replication And Meta-Analysis (CARDIoGRAM) Study: A Genome-wide association meta-analysis involving more than 22 000 cases and 60 000 controls. <i>Circulation: Cardiovascular Genetics</i> , 2010 , 3, 475-83		135
234	Adipose inflammation, insulin resistance, and cardiovascular disease. <i>Journal of Parenteral and Enteral Nutrition</i> , 2008 , 32, 638-44	4.2	132
233	Cholesterol Efflux Pathways Suppress Inflammasome Activation, NETosis, and Atherogenesis. <i>Circulation</i> , 2018 , 138, 898-912	16.7	131
232	Gene-centric meta-analysis in 87,736 individuals of European ancestry identifies multiple blood-pressure-related loci. <i>American Journal of Human Genetics</i> , 2014 , 94, 349-60	11	131
231	A genome-wide association study reveals variants in ARL15 that influence adiponectin levels. <i>PLoS Genetics</i> , 2009 , 5, e1000768	6	129
230	Fractalkine is a novel human adipochemokine associated with type 2 diabetes. <i>Diabetes</i> , 2011 , 60, 1512-8.	8.9	123
229	Endothelial lipase concentrations are increased in metabolic syndrome and associated with coronary atherosclerosis. <i>PLoS Medicine</i> , 2006 , 3, e22	11.6	123
228	Common genetic loci influencing plasma homocysteine concentrations and their effect on risk of coronary artery disease. <i>American Journal of Clinical Nutrition</i> , 2013 , 98, 668-76	7	122
227	CXCL16 is a marker of inflammation, atherosclerosis, and acute coronary syndromes in humans. <i>Journal of the American College of Cardiology</i> , 2007 , 49, 442-9	15.1	121
226	Loci influencing blood pressure identified using a cardiovascular gene-centric array. <i>Human Molecular Genetics</i> , 2013 , 22, 1663-78	5.6	119
225	A second independent locus within DMRT1 is associated with testicular germ cell tumor susceptibility. <i>Human Molecular Genetics</i> , 2011 , 20, 3109-17	5.6	114
224	Adipokines, insulin resistance, and coronary artery calcification. <i>Journal of the American College of Cardiology</i> , 2008 , 52, 231-6	15.1	111
223	Inflammation modulates human HDL composition and function in vivo. <i>Atherosclerosis</i> , 2012 , 222, 390-4	3.1	108
222	Multiethnic meta-analysis of genome-wide association studies in >100 000 subjects identifies 23 fibrinogen-associated Loci but no strong evidence of a causal association between circulating fibrinogen and cardiovascular disease. <i>Circulation</i> , 2013 , 128, 1310-24	16.7	107
221	Meta-analysis of Dense Genecentric Association Studies Reveals Common and Uncommon Variants Associated with Height. <i>American Journal of Human Genetics</i> , 2011 , 88, 6-18	11	103
220	Common variants in HSPB7 and FRMD4B associated with advanced heart failure. <i>Circulation: Cardiovascular Genetics</i> , 2010 , 3, 147-54		103
219	Higher serum testosterone concentration in older women is associated with insulin resistance, metabolic syndrome, and cardiovascular disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009 , 94, 4776-84	5.6	102
218	The effects of nonselective non-aspirin non-steroidal anti-inflammatory medications on the risk of nonfatal myocardial infarction and their interaction with aspirin. <i>Journal of the American College of Cardiology</i> , 2004 , 43, 985-90	15.1	102

217	Causal Assessment of Serum Urate Levels in Cardiometabolic Diseases Through a Mendelian Randomization Study. <i>Journal of the American College of Cardiology</i> , 2016 , 67, 407-416	15.1	101
216	Abnormal lipoprotein particles and cholesterol efflux capacity in patients with psoriasis. <i>Atherosclerosis</i> , 2012 , 224, 218-21	3.1	101
215	Adipocyte modulation of high-density lipoprotein cholesterol. <i>Circulation</i> , 2010 , 121, 1347-55	16.7	101
214	Coronary artery calcification and cardiovascular risk factors: impact of the analytic approach. <i>Atherosclerosis</i> , 2004 , 173, 69-78	3.1	100
213	A genome-wide association study identifies LIPA as a susceptibility gene for coronary artery disease. <i>Circulation: Cardiovascular Genetics</i> , 2011 , 4, 403-12		98
212	Utility and barriers to performance of the ankle-brachial index in primary care practice. <i>Vascular Medicine</i> , 2004 , 9, 253-60	3.3	95
211	Variant ASGR1 Associated with a Reduced Risk of Coronary Artery Disease. <i>New England Journal of Medicine</i> , 2016 , 374, 2131-41	59.2	94
210	Labeling monocytes with gold nanoparticles to track their recruitment in atherosclerosis with computed tomography. <i>Biomaterials</i> , 2016 , 87, 93-103	15.6	92
209	A genome-wide association study for coronary artery disease identifies a novel susceptibility locus in the major histocompatibility complex. <i>Circulation: Cardiovascular Genetics</i> , 2012 , 5, 217-25		92
208	Genetic association for renal traits among participants of African ancestry reveals new loci for renal function. <i>PLoS Genetics</i> , 2011 , 7, e1002264	6	91
207	Endothelial lipase is increased in vivo by inflammation in humans. <i>Circulation</i> , 2008 , 117, 678-85	16.7	87
206	Genome-wide association study for serum urate concentrations and gout among African Americans identifies genomic risk loci and a novel URAT1 loss-of-function allele. <i>Human Molecular Genetics</i> , 2011 , 20, 4056-68	5.6	86
205	Association of the PHACTR1/EDN1 Genetic Locus With Spontaneous Coronary Artery Dissection. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 58-66	15.1	86
204	C-reactive protein and coronary artery calcification: The Study of Inherited Risk of Coronary Atherosclerosis (SIRCA). <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003 , 23, 1851-6	9.4	84
203	Single-Cell Genomics Reveals a Novel Cell State During Smooth Muscle Cell Phenotypic Switching and Potential Therapeutic Targets for Atherosclerosis in Mouse and Human. <i>Circulation</i> , 2020 , 142, 2060-2075	16.7	81
202	Effect of 2 Psoriasis Treatments on Vascular Inflammation and Novel Inflammatory Cardiovascular Biomarkers: A Randomized Placebo-Controlled Trial. <i>Circulation: Cardiovascular Imaging</i> , 2018 , 11, e007394	3.9	81
201	Knockout of Adamts7, a novel coronary artery disease locus in humans, reduces atherosclerosis in mice. <i>Circulation</i> , 2015 , 131, 1202-1213	16.7	80
200	Loss-of-function DNA sequence variant in the CLCNKA chloride channel implicates the cardio-renal axis in interindividual heart failure risk variation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 2456-61	11.5	78

199	The AIM2 inflammasome exacerbates atherosclerosis in clonal haematopoiesis. <i>Nature</i> , 2021 , 592, 296-301	10.4	77
198	Exome sequencing and directed clinical phenotyping diagnose cholesterol ester storage disease presenting as autosomal recessive hypercholesterolemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 2909-14	9.4	76
197	Lack of association between the Trp719Arg polymorphism in kinesin-like protein-6 and coronary artery disease in 19 case-control studies. <i>Journal of the American College of Cardiology</i> , 2010 , 56, 1552-63	15.1	75
196	Race and gender variation in response to evoked inflammation. <i>Journal of Translational Medicine</i> , 2013 , 11, 63	8.5	71
195	GlycA Is a Novel Biomarker of Inflammation and Subclinical Cardiovascular Disease in Psoriasis. <i>Circulation Research</i> , 2016 , 119, 1242-1253	15.7	71
194	Circulating brain-derived neurotrophic factor concentrations and the risk of cardiovascular disease in the community. <i>Journal of the American Heart Association</i> , 2015 , 4, e001544	6	70
193	Cilostazol: treatment of intermittent claudication. <i>Annals of Pharmacotherapy</i> , 2001 , 35, 48-56	2.9	70
192	Functional analysis and transcriptomic profiling of iPSC-derived macrophages and their application in modeling Mendelian disease. <i>Circulation Research</i> , 2015 , 117, 17-28	15.7	68
191	Genetic basis of atherosclerosis: insights from mice and humans. <i>Circulation Research</i> , 2012 , 110, 337-55	15.7	68
190	Pharmacology of the receptors for the phorbol ester tumor promoters: multiple receptors with different biochemical properties. <i>Biochemical Pharmacology</i> , 2000 , 60, 1417-24	6	67
189	Bioactive products formed in humans from fish oils. <i>Journal of Lipid Research</i> , 2015 , 56, 1808-20	6.3	66
188	Dense genotyping of candidate gene loci identifies variants associated with high-density lipoprotein cholesterol. <i>Circulation: Cardiovascular Genetics</i> , 2011 , 4, 145-55		66
187	Tetranor PGDM, an abundant urinary metabolite reflects biosynthesis of prostaglandin D2 in mice and humans. <i>Journal of Biological Chemistry</i> , 2008 , 283, 1179-88	5.4	66
186	Internalization and sequestration of the human prostacyclin receptor. <i>Journal of Biological Chemistry</i> , 2000 , 275, 32037-45	5.4	66
185	Causal Effect of Plasminogen Activator Inhibitor Type 1 on Coronary Heart Disease. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	65
184	Genome-wide association study for circulating levels of PAI-1 provides novel insights into its regulation. <i>Blood</i> , 2012 , 120, 4873-81	2.2	65
183	Associations among race/ethnicity, ApoC-III genotypes, and lipids in HIV-1-infected individuals on antiretroviral therapy. <i>PLoS Medicine</i> , 2006 , 3, e52	11.6	63
182	Genetics of coronary artery calcification among African Americans, a meta-analysis. <i>BMC Medical Genetics</i> , 2013 , 14, 75	2.1	62

181	The addition of niacin to statin therapy improves high-density lipoprotein cholesterol levels but not metrics of functionality. <i>Journal of the American College of Cardiology</i> , 2013 , 62, 1909-10	15.1	61
180	Tissue-specific RNA-Seq in human evoked inflammation identifies blood and adipose LincRNA signatures of cardiometabolic diseases. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014 , 34, 902-12	9.4	60
179	Deep learning enables accurate clustering with batch effect removal in single-cell RNA-seq analysis. <i>Nature Communications</i> , 2020 , 11, 2338	17.4	58
178	The long noncoding RNA landscape in hypoxic and inflammatory renal epithelial injury. <i>American Journal of Physiology - Renal Physiology</i> , 2015 , 309, F901-13	4.3	57
177	The novel atherosclerosis locus at 10q11 regulates plasma CXCL12 levels. <i>European Heart Journal</i> , 2011 , 32, 963-71	9.5	57
176	Association between the chromosome 9p21 locus and angiographic coronary artery disease burden: a collaborative meta-analysis. <i>Journal of the American College of Cardiology</i> , 2013 , 61, 957-70	15.1	56
175	Relation of plasma fatty acid binding proteins 4 and 5 with the metabolic syndrome, inflammation and coronary calcium in patients with type-2 diabetes mellitus. <i>American Journal of Cardiology</i> , 2010 , 106, 1118-23	3	56
174	Systems Genetics Analysis of Genome-Wide Association Study Reveals Novel Associations Between Key Biological Processes and Coronary Artery Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015 , 35, 1712-22	9.4	55
173	Differential association of plasma angiopoietin-like proteins 3 and 4 with lipid and metabolic traits. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014 , 34, 1057-63	9.4	55
172	Genetic predisposition to higher blood pressure increases coronary artery disease risk. <i>Hypertension</i> , 2013 , 61, 995-1001	8.5	55
171	Association of the vitamin D metabolism gene CYP24A1 with coronary artery calcification. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010 , 30, 2648-54	9.4	55
170	Gene profiling of human adipose tissue during evoked inflammation in vivo. <i>Diabetes</i> , 2009 , 58, 2211-9	0.9	52
169	Cardiac signaling genes exhibit unexpected sequence diversity in sporadic cardiomyopathy, revealing HSPB7 polymorphisms associated with disease. <i>Journal of Clinical Investigation</i> , 2010 , 120, 280-9	15.9	52
168	Plasma apolipoprotein C-III levels, triglycerides, and coronary artery calcification in type 2 diabetics. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015 , 35, 1880-8	9.4	51
167	Endothelial Foxp1 Suppresses Atherosclerosis via Modulation of Nlrp3 Inflammasome Activation. <i>Circulation Research</i> , 2019 , 125, 590-605	15.7	50
166	A guide to genome-wide association analysis and post-analytic interrogation. <i>Statistics in Medicine</i> , 2015 , 34, 3769-92	2.3	50
165	High dietary salt-induced dendritic cell activation underlies microbial dysbiosis-associated hypertension. <i>JCI Insight</i> , 2019 , 5,	9.9	50
164	Selective PKC beta inhibition with ruboxistaurin and endothelial function in type-2 diabetes mellitus. <i>Cardiovascular Drugs and Therapy</i> , 2009 , 23, 17-24	3.9	48

163	Effects of niacin, statin, and fenofibrate on circulating proprotein convertase subtilisin/kexin type 9 levels in patients with dyslipidemia. <i>American Journal of Cardiology</i> , 2015 , 115, 178-82	3	46
162	ABO blood type A is associated with increased risk of ARDS in whites following both major trauma and severe sepsis. <i>Chest</i> , 2014 , 145, 753-761	5.3	46
161	Evaluating the impact of sequencing depth on transcriptome profiling in human adipose. <i>PLoS ONE</i> , 2013 , 8, e66883	3.7	44
160	ABO Blood Groups and Cardiovascular Diseases. <i>International Journal of Vascular Medicine</i> , 2012 , 2012, 641917	1.2	44
159	Lipoprotein(a) is strongly associated with coronary artery calcification in type-2 diabetic women. <i>International Journal of Cardiology</i> , 2011 , 150, 17-21	3.2	43
158	Association of lower plasma fetuin-a levels with peripheral arterial disease in type 2 diabetes. <i>Diabetes Care</i> , 2010 , 33, 408-10	14.6	43
157	Use of Measures of Inflammation and Kidney Function for Prediction of Atherosclerotic Vascular Disease Events and Death in Patients With CKD: Findings From the CRIC Study. <i>American Journal of Kidney Diseases</i> , 2019 , 73, 344-353	7.4	42
156	Association between Inflammation and Cardiac Geometry in Chronic Kidney Disease: Findings from the CRIC Study. <i>PLoS ONE</i> , 2015 , 10, e0124772	3.7	41
155	Interleukin-6 Is a Risk Factor for Atrial Fibrillation in Chronic Kidney Disease: Findings from the CRIC Study. <i>PLoS ONE</i> , 2016 , 11, e0148189	3.7	41
154	Novel eicosapentaenoic acid-derived F3-isoprostanes as biomarkers of lipid peroxidation. <i>Journal of Biological Chemistry</i> , 2009 , 284, 23636-43	5.4	40
153	Apolipoprotein B but not LDL cholesterol is associated with coronary artery calcification in type 2 diabetic whites. <i>Diabetes</i> , 2009 , 58, 1887-92	0.9	40
152	Atheroprotective lipoprotein effects of a niacin-simvastatin combination compared to low- and high-dose simvastatin monotherapy. <i>American Heart Journal</i> , 2009 , 157, 687.e1-8	4.9	40
151	High-Density Lipoprotein Proteomic Composition, and not Efflux Capacity, Reflects Differential Modulation of Reverse Cholesterol Transport by Saturated and Monounsaturated Fat Diets. <i>Circulation</i> , 2016 , 133, 1838-50	16.7	40
150	Comparison of Coronary Artery Calcium Scores Between Patients With Psoriasis and Type 2 Diabetes. <i>JAMA Dermatology</i> , 2016 , 152, 1244-1253	5.1	39
149	Inflammation and Arterial Stiffness in Chronic Kidney Disease: Findings From the CRIC Study. <i>American Journal of Hypertension</i> , 2017 , 30, 400-408	2.3	38
148	Risk factors for progression of coronary artery calcification in patients with chronic kidney disease: The CRIC study. <i>Atherosclerosis</i> , 2018 , 271, 53-60	3.1	37
147	CXCL12: a new player in coronary disease identified through human genetics. <i>Trends in Cardiovascular Medicine</i> , 2010 , 20, 204-9	6.9	37
146	Loss of Cardioprotective Effects at the Locus as a Result of Gene-Smoking Interactions. <i>Circulation</i> , 2017 , 135, 2336-2353	16.7	36

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- 1 Effects of Septal Reduction Therapy on Acute Cardiovascular Events and All-Cause Mortality in Patients with Hypertrophic Cardiomyopathy. *International Heart Journal*, **2021**, 62, 1035-1041 1.8