

Muredach P Reilly

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.

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	Signature biomarker states and mortality among hospitalized SARS-CoV-2-infected patients.. <i>Journal of Nephrology</i> , 2022 , 1	4.8	0
305	The use of telemedicine in cardiogenetics clinical practice during the COVID-19 pandemic.. <i>Molecular Genetics & Genomic Medicine</i> , 2022 , e1946	2.3	0
304	Myeloid LXR (Liver X Receptor) Deficiency Induces Inflammatory Gene Expression in Foamy Macrophages and Accelerates Atherosclerosis.. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2022 , 101161ATVBHA122317583	9.4	1
303	Biomarkers of Cardiac Injury, Renal Injury, and Inflammation Are Strong Mediators of Sex-Associated Death in COVID-19.. <i>Frontiers in Cardiovascular Medicine</i> , 2022 , 9, 809997	5.4	0
302	Nonconserved Long Intergenic Noncoding RNAs Associate With Complex Cardiometabolic Disease Traits. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021 , 41, 501-511	9.4	2
301	Enhanced single-cell RNA-seq workflow reveals coronary artery disease cellular cross-talk and candidate drug targets. <i>Atherosclerosis</i> , 2021 , 340, 12-22	3.1	6
300	Long Noncoding RNA Controls Advanced Atherosclerotic Lesion Formation and Plaque Destabilization. <i>Circulation</i> , 2021 , 144, 1567-1583	16.7	11
299	The AIM2 inflammasome exacerbates atherosclerosis in clonal haematopoiesis. <i>Nature</i> , 2021 , 592, 296-304	30.4	77
298	Deficiency of macrophage PHACTR1 impairs efferocytosis and promotes atherosclerotic plaque necrosis. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	10
297	A joint deep learning model enables simultaneous batch effect correction, denoising, and clustering in single-cell transcriptomics. <i>Genome Research</i> , 2021 , 31, 1753-1766	9.7	6
296	Prediction of Genotype Positivity in Patients With Hypertrophic Cardiomyopathy Using Machine Learning. <i>Circulation Genomic and Precision Medicine</i> , 2021 , 14, e003259	5.2	1
295	Difference in Metabolomic Response to Exercise between Patients with and without Hypertrophic Cardiomyopathy. <i>Journal of Cardiovascular Translational Research</i> , 2021 , 14, 246-255	3.3	6
294	Research on COVID-19 through patient-reported data: a survey for observational studies in the COVID-19 pandemic. <i>Journal of Clinical and Translational Science</i> , 2021 , 5,	0.4	4
293	Predicting the development of adverse cardiac events in patients with hypertrophic cardiomyopathy using machine learning. <i>International Journal of Cardiology</i> , 2021 , 327, 117-124	3.2	4
292	Medication treatment for opioid use disorder in the age of COVID-19: Can new regulations modify the opioid cascade?. <i>Journal of Substance Abuse Treatment</i> , 2021 , 122, 108196	4.2	19
291	The ABO histo-blood group, endothelial activation, and acute respiratory distress syndrome risk in critical illness. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	11
290	Genome-wide analysis identifies novel susceptibility loci for myocardial infarction. <i>European Heart Journal</i> , 2021 , 42, 919-933	9.5	14

289	Comprehensive Proteomics Profiling Reveals Circulating Biomarkers of Hypertrophic Cardiomyopathy. <i>Circulation: Heart Failure</i> , 2021 , 14, e007849	7.6	9
288	Deep Learning Analysis of Echocardiographic Images to Predict Positive Genotype in Patients With Hypertrophic Cardiomyopathy. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 669860	5.4	1
287	The genetic architecture of plasma kynurenine includes cardiometabolic disease mechanisms associated with the SH2B3 gene. <i>Scientific Reports</i> , 2021 , 11, 15652	4.9	1
286	Effects of Septal Reduction Therapy on Acute Cardiovascular Events and All-Cause Mortality in Patients with Hypertrophic Cardiomyopathy. <i>International Heart Journal</i> , 2021 , 62, 1035-1041	1.8	
285	Understanding the link between obesity and severe COVID-19 outcomes: Causal mediation by systemic inflammatory response. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 ,	5.6	4
284	Applications of single-cell genomics and computational strategies to study common disease and population-level variation. <i>Genome Research</i> , 2021 , 31, 1728-1741	9.7	1
283	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
282	ASEP: Gene-based detection of allele-specific expression across individuals in a population by RNA sequencing. <i>PLoS Genetics</i> , 2020 , 16, e1008786	6	14
281	Inflammation and Circulating Natriuretic Peptide Levels. <i>Circulation: Heart Failure</i> , 2020 , 13, e006570	7.6	21
280	Novel mechanistic links between high-protein diets and atherosclerosis. <i>Nature Metabolism</i> , 2020 , 2, 7-8	14.6	1
279	Genetics and Genomics of Atherosclerotic Cardiovascular Disease 2020 , 209-230		
278	Sex Differences in Genomic Drivers of Adipose Distribution and Related Cardiometabolic Disorders: Opportunities for Precision Medicine. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020 , 40, 45-60	9.4	20
277	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
276	Genetic Predisposition to Coronary Artery Disease in Type 2 Diabetes Mellitus. <i>Circulation Genomic and Precision Medicine</i> , 2020 , 13, e002769	5.2	1
275	Promoting interdisciplinary research to respond to public health crises: The response of the Columbia University CTSA to the opioid crisis. <i>Journal of Clinical and Translational Science</i> , 2020 , 4, 22-27	0.4	3
274	Stochastic imputation for integrated transcriptome association analysis of a longitudinally measured trait. <i>Statistical Methods in Medical Research</i> , 2020 , 29, 1167-1180	2.3	3
273	Functional Characterization of LIPA (Lysosomal Acid Lipase) Variants Associated With Coronary Artery Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019 , 39, 2480-2491	9.4	4
272	Endothelial Forkhead Box Transcription Factor P1 Regulates Pathological Cardiac Remodeling Through Transforming Growth Factor- β -Endothelin-1 Signal Pathway. <i>Circulation</i> , 2019 , 140, 665-680	16.7	28

271	Cell-Specific Effects of GATA (GATA Zinc Finger Transcription Factor Family)-6 in Vascular Smooth Muscle and Endothelial Cells on Vascular Injury Neointimal Formation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019 , 39, 888-901	9.4	7
270	Comparison of Effectiveness of Alcohol Septal Ablation Versus Ventricular Septal Myectomy on Acute Care Use for Cardiovascular Disease in Patients With Hypertrophic Cardiomyopathy. <i>American Journal of Cardiology</i> , 2019 , 124, 1272-1278	3	1
269	Endothelial Foxp1 Suppresses Atherosclerosis via Modulation of Nlrp3 Inflammasome Activation. <i>Circulation Research</i> , 2019 , 125, 590-605	15.7	50
268	A protective smooth muscle cell transition in atherosclerosis. <i>Nature Medicine</i> , 2019 , 25, 1194-1195	50.5	10
267	Application of Proteomics Profiling for Biomarker Discovery in Hypertrophic Cardiomyopathy. <i>Journal of Cardiovascular Translational Research</i> , 2019 , 12, 569-579	3.3	7
266	High dietary salt-induced dendritic cell activation underlies microbial dysbiosis-associated hypertension. <i>JCI Insight</i> , 2019 , 5,	9.9	50
265	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
264	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
263	Long intergenic noncoding RNAs in cardiovascular diseases: Challenges and strategies for physiological studies and translation. <i>Atherosclerosis</i> , 2019 , 281, 180-188	3.1	16
262	A likelihood-based approach to transcriptome association analysis. <i>Statistics in Medicine</i> , 2019 , 38, 1357-1373	13.73	4
261	PennDiff: detecting differential alternative splicing and transcription by RNA sequencing. <i>Bioinformatics</i> , 2018 , 34, 2384-2391	7.2	10
260	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
259	Cholesterol Efflux Pathways Suppress Inflammasome Activation, NETosis, and Atherogenesis. <i>Circulation</i> , 2018 , 138, 898-912	16.7	131
258	Interrogation of nonconserved human adipose lincRNAs identifies a regulatory role of in adipocyte metabolism. <i>Science Translational Medicine</i> , 2018 , 10,	17.5	28
257	Tissue-Specific Differential Expression of Novel Genes and Long Intergenic Noncoding RNAs in Humans With Extreme Response to Evoked Endotoxemia. <i>Circulation Genomic and Precision Medicine</i> , 2018 , 11, e001907	5.2	4
256	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
255	Bayesian variable selection for post-analytic interrogation of susceptibility loci. <i>Biometrics</i> , 2017 , 73, 603-614	1.8	1
254	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

253	De novo RNA sequence assembly during in vivo inflammatory stress reveals hundreds of unannotated lincRNAs in human blood CD14 monocytes and in adipose tissue. <i>Physiological Genomics</i> , 2017 , 49, 287-305	3.6	8
252	Loss of Cardioprotective Effects at the Locus as a Result of Gene-Smoking Interactions. <i>Circulation</i> , 2017 , 135, 2336-2353	16.7	36
251	A score test for genetic class-level association with nonlinear biomarker trajectories. <i>Statistics in Medicine</i> , 2017 , 36, 3075-3091	2.3	2
250	Causal Effect of Plasminogen Activator Inhibitor Type 1 on Coronary Heart Disease. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	65
249	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
248	Human Induced Pluripotent Stem Cell-Derived Macrophages for Unraveling Human Macrophage Biology. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017 , 37, 2000-2006	9.4	18
247	Expression of Calgranulin Genes S100A8, S100A9 and S100A12 Is Modulated by n-3 PUFA during Inflammation in Adipose Tissue and Mononuclear Cells. <i>PLoS ONE</i> , 2017 , 12, e0169614	3.7	19
246	Lipoprotein(a) and Risk of Myocardial Infarction and Death in Chronic Kidney Disease: Findings From the CRIC Study (Chronic Renal Insufficiency Cohort). <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017 , 37, 1971-1978	9.4	31
245	CRISPR/Cas9-Mediated Gene Editing in Human iPSC-Derived Macrophage Reveals Lysosomal Acid Lipase Function in Human Macrophages-Brief Report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017 , 37, 2156-2160	9.4	23
244	Deep RNA Sequencing Uncovers a Repertoire of Human Macrophage Long Intergenic Noncoding RNAs Modulated by Macrophage Activation and Associated With Cardiometabolic Diseases. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	27
243	Synergistic Modulation of Inflammatory but not Metabolic Effects of High-Fat Feeding by CCR2 and CX3CR1. <i>Obesity</i> , 2017 , 25, 1410-1420	8	4
242	Systolic Blood Pressure and Risk of Type 2 Diabetes: A Mendelian Randomization Study. <i>Diabetes</i> , 2017 , 66, 543-550	0.9	22
241	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
240	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
239	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
238	No Association of Coronary Artery Disease with X-Chromosomal Variants in Comprehensive International Meta-Analysis. <i>Scientific Reports</i> , 2016 , 6, 35278	4.9	18
237	Distinct functions of PPAR α isoforms in regulating adipocyte plasticity. <i>Biochemical and Biophysical Research Communications</i> , 2016 , 481, 132-138	3.4	22
236	Transcriptome-Wide Analysis Reveals Modulation of Human Macrophage Inflammatory Phenotype Through Alternative Splicing. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016 , 36, 1434-47	9.4	30

235	Genome-wide interrogation reveals hundreds of long intergenic noncoding RNAs that associate with cardiometabolic traits. <i>Human Molecular Genetics</i> , 2016 , 25, 3125-3141	5.6	25
234	MultiGeMS: detection of SNVs from multiple samples using model selection on high-throughput sequencing data. <i>Bioinformatics</i> , 2016 , 32, 1486-92	7.2	2
233	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
232	Labeling monocytes with gold nanoparticles to track their recruitment in atherosclerosis with computed tomography. <i>Biomaterials</i> , 2016 , 87, 93-103	15.6	92
231	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
230	From Loci to Biology: Functional Genomics of Genome-Wide Association for Coronary Disease. <i>Circulation Research</i> , 2016 , 118, 586-606	15.7	36
229	Genetic association of long-chain acyl-CoA synthetase 1 variants with fasting glucose, diabetes, and subclinical atherosclerosis. <i>Journal of Lipid Research</i> , 2016 , 57, 433-42	6.3	14
228	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
227	A Simple Test of Class-Level Genetic Association Can Reveal Novel Cardiometabolic Trait Loci. <i>PLoS ONE</i> , 2016 , 11, e0148218	3.7	6
226	Common and Rare Genetic Variation in CCR2, CCR5, or CX3CR1 and Risk of Atherosclerotic Coronary Heart Disease and Glucometabolic Traits. <i>Circulation: Cardiovascular Genetics</i> , 2016 , 9, 250-8		14
225	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
224	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
223	Adipose tissue RNASeq reveals novel gene-nutrient interactions following n-3 PUFA supplementation and evoked inflammation in humans. <i>Journal of Nutritional Biochemistry</i> , 2016 , 30, 126-32	6.3	21
222	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
221	GlycA Is a Novel Biomarker of Inflammation and Subclinical Cardiovascular Disease in Psoriasis. <i>Circulation Research</i> , 2016 , 119, 1242-1253	15.7	71
220	Selective association of electrocardiographic abnormalities with insulin sensitivity and beta-cell function in type 2 diabetes mellitus: a cross-sectional analysis. <i>Diabetes/Metabolism Research and Reviews</i> , 2016 , 32, 736-744	7.5	4
219	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
218	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

217	Genetic variants primarily associated with type 2 diabetes are related to coronary artery disease risk. <i>Atherosclerosis</i> , 2015 , 241, 419-26	3.1	23
216	Runs of Homozygosity: Association with Coronary Artery Disease and Gene Expression in Monocytes and Macrophages. <i>American Journal of Human Genetics</i> , 2015 , 97, 228-37	11	25
215	ABO Blood Group as a Model for Platelet Glycan Modification in Arterial Thrombosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015 , 35, 1570-8	9.4	21
214	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
213	Activation of innate immunity modulates insulin sensitivity, glucose effectiveness and pancreatic β cell function in both African ancestry and European ancestry healthy humans. <i>Metabolism: Clinical and Experimental</i> , 2015 , 64, 513-520	12.7	11
212	Human experimental endotoxemia in modeling the pathophysiology, genomics, and therapeutics of innate immunity in complex cardiometabolic diseases. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015 , 35, 525-34	9.4	36
211	Serum Fractalkine (CX3CL1) and Cardiovascular Outcomes and Diabetes: Findings From the Chronic Renal Insufficiency Cohort (CRIC) Study. <i>American Journal of Kidney Diseases</i> , 2015 , 66, 266-73	7.4	29
210	Genetically determined height and coronary artery disease. <i>New England Journal of Medicine</i> , 2015 , 372, 1608-18	59.2	152
209	Relation of atherogenic lipoproteins with estimated glomerular filtration rate decline: a longitudinal study. <i>BMC Nephrology</i> , 2015 , 16, 130	2.7	12
208	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
207	The ABO Histo-Blood Group and AKI in Critically Ill Patients with Trauma or Sepsis. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2015 , 10, 1911-20	6.9	31
206	Bioactive products formed in humans from fish oils. <i>Journal of Lipid Research</i> , 2015 , 56, 1808-20	6.3	66
205	Integrative genomics identifies 7p11.2 as a novel locus for fever and clinical stress response in humans. <i>Human Molecular Genetics</i> , 2015 , 24, 1801-12	5.6	16
204	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
203	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
202	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
201	Exome sequencing identifies rare LDLR and APOA5 alleles conferring risk for myocardial infarction. <i>Nature</i> , 2015 , 518, 102-6	50.4	463
200	A guide to genome-wide association analysis and post-analytic interrogation. <i>Statistics in Medicine</i> , 2015 , 34, 3769-92	2.3	50

199	Metabolic Effects of CX3CR1 Deficiency in Diet-Induced Obese Mice. <i>PLoS ONE</i> , 2015 , 10, e0138317	3.7	22
198	Association of exome sequences with plasma C-reactive protein levels in >9000 participants. <i>Human Molecular Genetics</i> , 2015 , 24, 559-71	5.6	31
197	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
196	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
195	Ascending and descending thoracic aorta calcification in type 2 diabetes mellitus. <i>Journal of Cardiovascular Computed Tomography</i> , 2015 , 9, 373-81	2.8	10
194	Leptin and incident cardiovascular disease: the Multi-ethnic Study of Atherosclerosis (MESA). <i>Atherosclerosis</i> , 2015 , 239, 67-72	3.1	35
193	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
192	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
191	Importance of evaluating cell cholesterol influx with efflux in determining the impact of human serum on cholesterol metabolism and atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014 , 34, 17-25	9.4	32
190	Gene-centric meta-analyses for central adiposity traits in up to 57 412 individuals of European descent confirm known loci and reveal several novel associations. <i>Human Molecular Genetics</i> , 2014 , 23, 2498-510	5.6	22
189	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
188	Inactivating mutations in NPC1L1 and protection from coronary heart disease. <i>New England Journal of Medicine</i> , 2014 , 371, 2072-82	59.2	307
187	Higher plasma CXCL12 levels predict incident myocardial infarction and death in chronic kidney disease: findings from the Chronic Renal Insufficiency Cohort study. <i>European Heart Journal</i> , 2014 , 35, 2115-22	9.5	33
186	Differential associations of oral glucose tolerance test-derived measures of insulin sensitivity and pancreatic β cell function with coronary artery calcification and microalbuminuria in type 2 diabetes. <i>Diabetes Care</i> , 2014 , 37, 124-33	14.6	13
185	Omega-3 PUFA supplementation and the response to evoked endotoxemia in healthy volunteers. <i>Molecular Nutrition and Food Research</i> , 2014 , 58, 601-13	5.9	35
184	Very low density lipoprotein cholesterol associates with coronary artery calcification in type 2 diabetes beyond circulating levels of triglycerides. <i>Atherosclerosis</i> , 2014 , 236, 244-50	3.1	28
183	Insulin sensitivity index in type 1 diabetes and following human islet transplantation: comparison of the minimal model to euglycemic clamp measures. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014 , 306, E1217-24	6	10
182	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

181	Plasma lipoprotein(a) levels are associated with mild renal impairment in type 2 diabetics independent of albuminuria. <i>PLoS ONE</i> , 2014 , 9, e114397	3.7	22
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	A functional synonymous coding variant in the IL1RN gene is associated with survival in septic shock. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 190, 656-64	10.2	28
178	Integrative genomics reveals novel molecular pathways and gene networks for coronary artery disease. <i>PLoS Genetics</i> , 2014 , 10, e1004502	6	147
177	Genome-wide association study for circulating tissue plasminogen activator levels and functional follow-up implicates endothelial STXBP5 and STX2. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014 , 34, 1093-101	9.4	33
176	Distribution and medical impact of loss-of-function variants in the Finnish founder population. <i>PLoS Genetics</i> , 2014 , 10, e1004494	6	243
175	Race modifies the association between adiposity and inflammation in patients with chronic kidney disease: findings from the chronic renal insufficiency cohort study. <i>Obesity</i> , 2014 , 22, 1359-66	8	9
174	PennSeq: accurate isoform-specific gene expression quantification in RNA-Seq by modeling non-uniform read distribution. <i>Nucleic Acids Research</i> , 2014 , 42, e20	20.1	29
173	Computed tomography-defined abdominal adiposity is associated with acute kidney injury in critically ill trauma patients*. <i>Critical Care Medicine</i> , 2014 , 42, 1619-28	1.4	28
172	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
171	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
170	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
169	Translational studies of A20 in atherosclerosis and cardiovascular disease. <i>Advances in Experimental Medicine and Biology</i> , 2014 , 809, 83-101	3.6	8
168	Glycogenome signatures in complex cardiometabolic disease (789.4). <i>FASEB Journal</i> , 2014 , 28, 789.4	0.9	
167	Race and gender variation in response to evoked inflammation. <i>Journal of Translational Medicine</i> , 2013 , 11, 63	8.5	71
166	Genetics of Atherosclerotic Cardiovascular Disease 2013 , 1-37		1
165	Overlap between common genetic polymorphisms underpinning kidney traits and cardiovascular disease phenotypes: the CKDGen consortium. <i>American Journal of Kidney Diseases</i> , 2013 , 61, 889-98	7.4	26
164	Improvement in insulin sensitivity after human islet transplantation for type 1 diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, E1780-5	5.6	25

163	Discovery and refinement of loci associated with lipid levels. <i>Nature Genetics</i> , 2013 , 45, 1274-1283	36.3	1904
162	Common variants associated with plasma triglycerides and risk for coronary artery disease. <i>Nature Genetics</i> , 2013 , 45, 1345-52	36.3	597
161	Dysfunctional nitric oxide signalling increases risk of myocardial infarction. <i>Nature</i> , 2013 , 504, 432-6	50.4	185
160	Loci influencing blood pressure identified using a cardiovascular gene-centric array. <i>Human Molecular Genetics</i> , 2013 , 22, 1663-78	5.6	119
159	Genetics of coronary artery calcification among African Americans, a meta-analysis. <i>BMC Medical Genetics</i> , 2013 , 14, 75	2.1	62
158	Large-scale association analysis identifies new risk loci for coronary artery disease. <i>Nature Genetics</i> , 2013 , 45, 25-33	36.3	1172
157	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
156	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
155	Candidate gene association study of coronary artery calcification in chronic kidney disease: findings from the CRIC study (Chronic Renal Insufficiency Cohort). <i>Journal of the American College of Cardiology</i> , 2013 , 62, 789-98	15.1	32
154	Semiparametric odds ratio model for case-control and matched case-control designs. <i>Statistics in Medicine</i> , 2013 , 32, 3126-42	2.3	1
153	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
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149	Genetic predisposition to higher blood pressure increases coronary artery disease risk. <i>Hypertension</i> , 2013 , 61, 995-1001	8.5	55
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