Thomas Quertermous

List of Publications by Year
in descending order

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229 papers	42,368 citations	8732 75 h-index	2675 193 g-index
246 all docs	246 docs citations	246 times ranked	46963 citing authors

#	Article	IF	Citations
1	ZEB2 Shapes the Epigenetic Landscape of Atherosclerosis. Circulation, 2022, 145, 469-485.	1.6	31
2	Osteomodulin attenuates smooth muscle cell osteogenic transition in vascular calcification. Clinical and Translational Medicine, 2022, 12, e682.	1.7	13
3	Integration of genetic colocalizations with physiological and pharmacological perturbations identifies cardiometabolic disease genes. Genome Medicine, 2022, 14, 31.	3.6	7
4	Smad3 regulates smooth muscle cell fate and mediates adverse remodeling and calcification of the atherosclerotic plaque. , 2022, 1, 322-333.		21
5	Human Coronary Plaque T Cells Are Clonal and Cross-React to Virus and Self. Circulation Research, 2022, 130, 1510-1530.	2.0	25
6	Single-nucleus chromatin accessibility profiling highlights regulatory mechanisms of coronary artery disease risk. Nature Genetics, 2022, 54, 804-816.	9.4	51
7	Embryologic Origin Influences Smooth Muscle Cell Phenotypic Modulation Signatures in Murine Marfan Syndrome Aortic Aneurysm. Arteriosclerosis, Thrombosis, and Vascular Biology, 2022, 42, 1154-1168.	1.1	11
8	Generation of Vascular Smooth Muscle Cells From Induced Pluripotent Stem Cells. Circulation Research, 2021, 128, 670-686.	2.0	35
9	Multi-omics analysis identifies CpGs near G6PC2 mediating the effects of genetic variants on fasting glucose. Diabetologia, 2021, 64, 1613-1625.	2.9	9
10	AMPA-Type Glutamate Receptors Associated With Vascular Smooth Muscle Cell Subpopulations in Atherosclerosis and Vascular Injury. Frontiers in Cardiovascular Medicine, 2021, 8, 655869.	1.1	7
11	Population-scale tissue transcriptomics maps long non-coding RNAs to complex disease. Cell, 2021, 184, 2633-2648.e19.	13.5	94
12	An integrated approach to identify environmental modulators of genetic risk factors for complex traits. American Journal of Human Genetics, 2021, 108, 1866-1879.	2.6	9
13	Genomic profiling of human vascular cells identifies TWIST1 as a causal gene for common vascular diseases. PLoS Genetics, 2020, 16, e1008538.	1.5	40
14	PCSK6 Is a Key Protease in the Control of Smooth Muscle Cell Function in Vascular Remodeling. Circulation Research, 2020, 126, 571-585.	2.0	38
15	Coronary Disease-Associated Gene TCF21 Inhibits Smooth Muscle Cell Differentiation by Blocking the Myocardin-Serum Response Factor Pathway. Circulation Research, 2020, 126, 517-529.	2.0	67
16	Single-Cell Transcriptomic Profiling of Vascular Smooth Muscle Cell Phenotype Modulation in Marfan Syndrome Aortic Aneurysm. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 2195-2211.	1.1	126
17	Discovery and quality analysis of a comprehensive set of structural variants and short tandem repeats. Nature Communications, 2020, 11, 2928.	5.8	22
18	Properties of structural variants and short tandem repeats associated with gene expression and complex traits. Nature Communications, 2020, 11, 2927.	5.8	67

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19	Molecular mechanisms of coronary disease revealed using quantitative trait loci for TCF21 binding, chromatin accessibility, and chromosomal looping. Genome Biology, 2020, 21, 135.	3.8	16
20	FAM13A affects body fat distribution and adipocyte function. Nature Communications, 2020, 11, 1465.	5.8	36
21	Transcriptomic profiling of experimental arterial injury reveals new mechanisms and temporal dynamics in vascular healing response. JVS Vascular Science, 2020, 1, 13-27.	0.4	10
22	Cardiovascular Risks in Patients with COVID-19: Potential Mechanisms and Areas of Uncertainty. Current Cardiology Reports, 2020, 22, 34.	1.3	51
23	Genomic integrity of human induced pluripotent stem cells across nine studies in the NHLBI NextGen program. Stem Cell Research, 2020, 46, 101803.	0.3	10
24	Environment-Sensing Aryl Hydrocarbon Receptor Inhibits the Chondrogenic Fate of Modulated Smooth Muscle Cells in Atherosclerotic Lesions. Circulation, 2020, 142, 575-590.	1.6	57
25	Apelin increases atrial conduction velocity, refractoriness, and prevents inducibility of atrial fibrillation. JCI Insight, 2020, 5, .	2.3	15
26	Predictive network modeling in human induced pluripotent stem cells identifies key driver genes for insulin responsiveness. PLoS Computational Biology, 2020, 16, e1008491.	1.5	14
27	The role of insulin as a key regulator of seeding, proliferation, and mRNA transcription of human pluripotent stem cells. Stem Cell Research and Therapy, 2019, 10, 228.	2.4	7
28	Atheroprotective roles of smooth muscle cell phenotypic modulation and the TCF21 disease gene as revealed by single-cell analysis. Nature Medicine, 2019, 25, 1280-1289.	15.2	494
29	CRISPR-Cas9-mediated knockout of SPRY2 in human hepatocytes leads to increased glucose uptake and lipid droplet accumulation. BMC Endocrine Disorders, 2019, 19, 115.	0.9	6
30	Detailed Functional Characterization of a Waist-Hip Ratio Locus in 7p15.2 Defines an Enhancer Controlling Adipocyte Differentiation. IScience, 2019, 20, 42-59.	1.9	6
31	Stanford Cardiovascular Institute. Circulation Research, 2019, 124, 1420-1424.	2.0	4
32	TCF21 and AP-1 interact through epigenetic modifications to regulate coronary artery disease gene expression. Genome Medicine, 2019, 11, 23.	3.6	43
33	Opportunities and challenges for transcriptome-wide association studies. Nature Genetics, 2019, 51, 592-599.	9.4	592
34	Association of the PHACTR1/EDN1 Genetic Locus With Spontaneous Coronary Artery Dissection. Journal of the American College of Cardiology, 2019, 73, 58-66.	1.2	147
35	Functional Assays to Screen and Dissect Genomic Hits. Circulation Genomic and Precision Medicine, 2018, 11, e002178.	1.6	18
36	Advances in Transcriptomics. Circulation Research, 2018, 122, 1200-1220.	2.0	38

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37	Functional regulatory mechanism of smooth muscle cell-restricted LMOD1 coronary artery disease locus. PLoS Genetics, 2018, 14, e1007755.	1.5	30
38	Coronary artery disease genes SMAD3 and TCF21 promote opposing interactive genetic programs that regulate smooth muscle cell differentiation and disease risk. PLoS Genetics, 2018, 14, e1007681.	1.5	41
39	Apelin and APJ orchestrate complex tissue-specific control of cardiomyocyte hypertrophy and contractility in the hypertrophy-heart failure transition. American Journal of Physiology - Heart and Circulatory Physiology, 2018, 315, H348-H356.	1.5	28
40	Genetic Regulatory Mechanisms of Smooth Muscle Cells Map to Coronary Artery Disease Risk Loci. American Journal of Human Genetics, 2018, 103, 377-388.	2.6	76
41	IGF1 Gene Is Associated With Triglyceride Levels In Subjects With Family History Of Hypertension From The SAPPHIRe And TWB Projects. International Journal of Medical Sciences, 2018, 15, 1035-1042.	1.1	3
42	Genome-Wide Association Studies For Coronary Artery Disease Risk. , 2018, , .		0
43	Trans-ethnic fine-mapping of genetic loci for body mass index in the diverse ancestral populations of the Population Architecture using Genomics and Epidemiology (PAGE) Study reveals evidence for multiple signals at established loci. Human Genetics, 2017, 136, 771-800.	1.8	31
44	Fifteen new risk loci for coronary artery disease highlight arterial-wall-specific mechanisms. Nature Genetics, 2017, 49, 1113-1119.	9.4	260
45	Association analyses of East Asian individuals and trans-ancestry analyses with European individuals reveal new loci associated with cholesterol and triglyceride levels. Human Molecular Genetics, 2017, 26, 1770-1784.	1.4	135
46	Analysis of Transcriptional Variability in a Large Human iPSC Library Reveals Genetic and Non-genetic Determinants of Heterogeneity. Cell Stem Cell, 2017, 20, 518-532.e9.	5.2	230
47	Enhancer connectome in primary human cells identifies target genes of disease-associated DNA elements. Nature Genetics, 2017, 49, 1602-1612.	9.4	419
48	CRP-level-associated polymorphism rs1205 within the CRP gene is associated with 2-hour glucose level: The SAPPHIRe study. Scientific Reports, 2017, 7, 7987.	1.6	13
49	Endothelial APLNR regulates tissue fatty acid uptake and is essential for apelinâ€™s glucose-lowering effects. Science Translational Medicine, 2017, 9, .	5.8	61
50	Alternative Progenitor Cells Compensate to Rebuild the Coronary Vasculature in Elabela- and Apj-Deficient Hearts. Developmental Cell, 2017, 42, 655-666.e3.	3.1	88
51	Induced Pluripotent Stem Cellâ€“Derived Endothelial Cells in Insulin Resistance and Metabolic Syndrome. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 2038-2042.	1.1	19
52	Circulating peptide prevents preeclampsia. Science, 2017, 357, 643-644.	6.0	5
53	Genome-wide copy number variation analysis identified deletions in SFMBT1 associated with fasting plasma glucose in a Han Chinese population. BMC Genomics, 2017, 18, 591.	1.2	8
54	Identification of new susceptibility loci for type 2 diabetes and shared etiological pathways with coronary heart disease. Nature Genetics, 2017, 49, 1450-1457.	9.4	218

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55	TCF21 and the environmental sensor aryl-hydrocarbon receptor cooperate to activate a pro-inflammatory gene expression program in coronary artery smooth muscle cells. PLoS Genetics, 2017, 13, e1006750.	1.5	52
56	Abstract 21021: Functional Regulatory Mechanism of Smooth Muscle Cell-Restricted LMOD1 Coronary Artery Disease Locus. Circulation, 2017, 136, .	1.6	1
57	Targeting LOXL2 for cardiac interstitial fibrosis and heart failure treatment. Nature Communications, 2016, 7, 13710.	5.8	190
58	Prepregnancy Diabetes and Offspring Risk of Congenital Heart Disease. Circulation, 2016, 133, 2243-2253.	1.6	197
59	Genetics and Genomics of Coronary Artery Disease. Current Cardiology Reports, 2016, 18, 102.	1.3	31
60	Pathological Ace2-to-Ace enzyme switch in the stressed heart is transcriptionally controlled by the endothelial Brg1â€“FoxM1 complex. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E5628-35.	3.3	46
61	Early somatic mosaicism is a rare cause of long-QT syndrome. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 11555-11560.	3.3	39
62	Nat1 Deficiency Is Associated with Mitochondrial Dysfunction and Exercise Intolerance in Mice. Cell Reports, 2016, 17, 527-540.	2.9	35
63	Phenotypic Modulation of Smooth Muscle Cells in Atherosclerosis Is Associated With Downregulation of LMOD1, SYNPO2, PDLIM7, PLN , and SYNM. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1947-1961.	1.1	64
64	Integrative functional genomics identifies regulatory mechanisms at coronary artery disease loci. Nature Communications, 2016, 7, 12092.	5.8	123
65	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. Nature Genetics, 2016, 48, 1171-1184.	9.4	362
66	CD47-blocking antibodies restore phagocytosis and prevent atherosclerosis. Nature, 2016, 536, 86-90.	13.7	443
67	Transcriptomic Profiling Maps Anatomically Patterned Subpopulations among Single Embryonic Cardiac Cells. Developmental Cell, 2016, 39, 491-507.	3.1	218
68	High-sensitivity cardiac troponin I and incident coronary heart disease among asymptomatic older adults. Heart, 2016, 102, 1177-1182.	1.2	22
69	Fine-mapping of lipid regions in global populations discovers ethnic-specific signals and refines previously identified lipid loci. Human Molecular Genetics, 2016, 25, 5500-5512.	1.4	29
70	Coronary Artery Disease and Its Risk Factors. Circulation Research, 2016, 118, 14-16.	2.0	9
71	Epigenetic response to environmental stress: Assembly of BRG1â€“G9a/GLPâ€“DNMT3 repressive chromatin complex on Myh6 promoter in pathologically stressed hearts. Biochimica Et Biophysica Acta - Molecular Cell Research, 2016, 1863, 1772-1781.	1.9	53
72	De Novo and Rare Variants at Multiple Loci Support the Oligogenic Origins of Atrioventricular Septal Heart Defects. PLoS Genetics, 2016, 12, e1005963.	1.5	92

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73	Genetics of Coronary Artery Disease in Taiwan: A Cardiometabochip Study by the Taichi Consortium. PLoS ONE, 2016, 11, e0138014.	1.1	33
74	Genetic polymorphisms of PCSK2 are associated with glucose homeostasis and progression to type 2 diabetes in a Chinese population. Scientific Reports, 2015, 5, 14380.	1.6	21
75	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. PLoS Genetics, 2015, 11, e1005378.	1.5	331
76	Sequence to Medical Phenotypes: A Framework for Interpretation of Human Whole Genome DNA Sequence Data. PLoS Genetics, 2015, 11, e1005496.	1.5	23
77	Effect of Common Genetic Variants of Growth Arrest-Specific 6 Gene on Insulin Resistance, Obesity and Type 2 Diabetes in an Asian Population. PLoS ONE, 2015, 10, e0135681.	1.1	8
78	Identification and validation of N-acetyltransferase 2 as an insulin sensitivity gene. Journal of Clinical Investigation, 2015, 125, 1739-1751.	3.9	94
79	Systems Genetics Analysis of Genome-Wide Association Study Reveals Novel Associations Between Key Biological Processes and Coronary Artery Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 1712-1722.	1.1	72
80	Systems Genomics Identifies a Key Role forÂHypocretin/Orexin Receptor-2 in Human Heart Failure. Journal of the American College of Cardiology, 2015, 66, 2522-2533.	1.2	31
81	From Locus Association to Mechanism of Gene Causality. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 2079-2080.	1.1	12
82	New genetic loci link adipose and insulin biology to body fat distribution. Nature, 2015, 518, 187-196.	13.7	1,328
83	Genetic studies of body mass index yield new insights for obesity biology. Nature, 2015, 518, 197-206.	13.7	3,823
84	Genetic targeting of sprouting angiogenesis using Apln-CreER. Nature Communications, 2015, 6, 6020.	5.8	111
85	Coronary Artery Disease Associated Transcription Factor TCF21 Regulates Smooth Muscle Precursor Cells That Contribute to the Fibrous Cap. PLoS Genetics, 2015, 11, e1005155.	1.5	86
86	Characterization of TCF21 Downstream Target Regions Identifies a Transcriptional Network Linking Multiple Independent Coronary Artery Disease Loci. PLoS Genetics, 2015, 11, e1005202.	1.5	41
87	Pancreatic Islet APJ Deletion Reduces Islet Density and Glucose Tolerance in Mice. Endocrinology, 2015, 156, 2451-2460.	1.4	30
88	Susceptibility Loci for Clinical Coronary Artery Disease and Subclinical Coronary Atherosclerosis Throughout the Life-Course. Circulation: Cardiovascular Genetics, 2015, 8, 803-811.	5.1	36
89	A comprehensive 1000 Genomesâ€“based genome-wide association meta-analysis of coronary artery disease. Nature Genetics, 2015, 47, 1121-1130.	9.4	2,054
90	Abstract 62: Molecular Basis of Regulatory Variation at Coronary Heart Disease-Associated Loci. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, .	1.1	0

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91	Abstract 16484: The Transcriptional Repressor NR1D2 is Associated With Congenital Heart Disease and Plays an Evolutionarily Conserved Role in Cardiac Development. Circulation, 2015, 132, .	1.6	1
92	The combination of 9p21.3 genotype and biomarker profile improves a peripheral artery disease risk prediction model. Vascular Medicine, 2014, 19, 3-8.	0.8	6
93	Integrative Genomics Reveals Novel Molecular Pathways and Gene Networks for Coronary Artery Disease. PLoS Genetics, 2014, 10, e1004502.	1.5	192
94	Coronary Heart Disease-Associated Variation in TCF21 Disrupts a miR-224 Binding Site and miRNA-Mediated Regulation. PLoS Genetics, 2014, 10, e1004263.	1.5	108
95	Study of Exonic Variation Identifies Incremental Information Regarding Lipid-Related and Coronary Heart Disease Genes. Circulation Research, 2014, 115, 478-480.	2.0	2
96	Linkage analysis incorporating geneâ€“age interactions identifies seven novel lipid loci: The Family Blood Pressure Program. Atherosclerosis, 2014, 235, 84-93.	0.4	11
97	Clinical Interpretation and Implications of Whole-Genome Sequencing. JAMA - Journal of the American Medical Association, 2014, 311, 1035.	3.8	398
98	Dissecting the Causal Genetic Mechanisms of Coronary Heart Disease. Current Atherosclerosis Reports, 2014, 16, 406.	2.0	11
99	A long noncoding RNA protects the heart from pathological hypertrophy. Nature, 2014, 514, 102-106.	13.7	672
100	Defining the role of common variation in the genomic and biological architecture of adult human height. Nature Genetics, 2014, 46, 1173-1186.	9.4	1,818
101	Insulin Resistance: Regression and Clustering. PLoS ONE, 2014, 9, e94129.	1.1	2
102	Abstract 141: Coronary Heart Disease-Associated Variation in TCF21 Disrupts a MicroRNA-224 Binding Site and miRNA-Mediated Regulation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, .	1.1	0
103	Abstract 17784: The Genesips Project: an NHLBI-Sponsored induced Pluripotent Stem Cell (iPSC) Resource for the Study of Cardiovascular Diseases. Circulation, 2014, 130, .	1.6	0
104	Increased Bone Mass in Mice Lacking the Adipokine Apelin. Endocrinology, 2013, 154, 2069-2080.	1.4	31
105	Discovery and refinement of loci associated with lipid levels. Nature Genetics, 2013, 45, 1274-1283.	9.4	2,641
106	Common variants associated with plasma triglycerides and risk for coronary artery disease. Nature Genetics, 2013, 45, 1345-1352.	9.4	754
107	Trans-ethnic fine mapping identifies a novel independent locus at the 3â€² end of CDKAL1 and novel variants of several susceptibility loci for type 2 diabetes in a Han Chinese population. Diabetologia, 2013, 56, 2619-2628.	2.9	27
108	Clinical Utility of a Novel Coronary Heart Disease Riskâ€Assessment Test to Further Classify Intermediateâ€Risk Patients. Clinical Cardiology, 2013, 36, 621-627.	0.7	6

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109	Large-scale association analysis identifies new risk loci for coronary artery disease. Nature Genetics, 2013, 45, 25-33.	9.4	1,439
110	Measurement of insulin-mediated glucose uptake: Direct comparison of the modified insulin suppression test and the euglycemic, hyperinsulinemic clamp. Metabolism: Clinical and Experimental, 2013, 62, 548-553.	1.5	48
111	Identification of heart rateâ€“associated loci and their effects on cardiac conduction and rhythm disorders. Nature Genetics, 2013, 45, 621-631.	9.4	282
112	Disease-Related Growth Factor and Embryonic Signaling Pathways Modulate an Enhancer of TCF21 Expression at the 6q23.2 Coronary Heart Disease Locus. PLoS Genetics, 2013, 9, e1003652.	1.5	63
113	Trans-Ethnic Fine-Mapping of Lipid Loci Identifies Population-Specific Signals and Allelic Heterogeneity That Increases the Trait Variance Explained. PLoS Genetics, 2013, 9, e1003379.	1.5	112
114	Endothelin Type A Receptor Genotype is a Determinant of Quantitative Traits of Metabolic Syndrome in Asian Hypertensive Families: A SAPPHIRe Study. Frontiers in Endocrinology, 2013, 4, 172.	1.5	3
115	Loss of CDKN2B Promotes p53-Dependent Smooth Muscle Cell Apoptosis and Aneurysm Formation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, e1-e10.	1.1	103
116	Apelin-APJ Signaling Is a Critical Regulator of Endothelial MEF2 Activation in Cardiovascular Development. Circulation Research, 2013, 113, 22-31.	2.0	133
117	Pancreatitis activates pancreatic apelin-APJ axis in mice. American Journal of Physiology - Renal Physiology, 2013, 305, G139-G150.	1.6	22
118	The effects of the renin-angiotensin-aldosterone system gene polymorphisms on insulin resistance in hypertensive families. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2012, 13, 446-454.	1.0	11
119	FGD5 Mediates Proangiogenic Action of Vascular Endothelial Growth Factor in Human Vascular Endothelial Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 988-996.	1.1	53
120	Common ALDH2 genetic variants predict development of hypertension in the SAPPHIRe prospective cohort: Gene-environmental interaction with alcohol consumption. BMC Cardiovascular Disorders, 2012, 12, 58.	0.7	39
121	Coronary risk assessment among intermediate risk patients using a clinical and biomarker based algorithm developed and validated in two population cohorts. Current Medical Research and Opinion, 2012, 28, 1819-1830.	0.9	33
122	Replication of genomeâ€wide association signals of type 2 diabetes in Han Chinese in a prospective cohort. Clinical Endocrinology, 2012, 76, 365-372.	1.2	36
123	The angiogenic factor Del1 prevents apoptosis of endothelial cells through integrin binding. Surgery, 2012, 151, 296-305.	1.0	18
124	Apelin Enhances Directed Cardiac Differentiation of Mouse and Human Embryonic Stem Cells. PLoS ONE, 2012, 7, e38328.	1.1	36
125	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. Lancet, The, 2011, 377, 383-392.	6.3	466
126	Large-scale association analysis identifies 13 new susceptibility loci for coronary artery disease. Nature Genetics, 2011, 43, 333-338.	9.4	1,685

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127	Distribution of the number of false discoveries in large-scale family-based association testing with application to the association between PTPN1 and hypertension and obesity. Human Genetics, 2011, 129, 425-432.	1.8	1
128	A Bivariate Genome-Wide Approach to Metabolic Syndrome. Diabetes, 2011, 60, 1329-1339.	0.3	226
129	Disruption of the Apelin-APJ System Worsens Hypoxia-Induced Pulmonary Hypertension. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 814-820.	1.1	148
130	Sex-specific genetic architecture of human fatness in Chinese: the SAPPHIRe Study. Human Genetics, 2010, 128, 501-513.	1.8	16
131	Biological, clinical and population relevance of 95 loci for blood lipids. Nature, 2010, 466, 707-713.	13.7	3,249
132	Hundreds of variants clustered in genomic loci and biological pathways affect human height. Nature, 2010, 467, 832-838.	13.7	1,789
133	Genome-wide meta-analyses identify multiple loci associated with smoking behavior. Nature Genetics, 2010, 42, 441-447.	9.4	1,083
134	Meta-analysis identifies 13 new loci associated with waist-hip ratio and reveals sexual dimorphism in the genetic basis of fat distribution. Nature Genetics, 2010, 42, 949-960.	9.4	836
135	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. Nature Genetics, 2010, 42, 937-948.	9.4	2,634
136	Detailed Physiologic Characterization Reveals Diverse Mechanisms for Novel Genetic Loci Regulating Glucose and Insulin Metabolism in Humans. Diabetes, 2010, 59, 1266-1275.	0.3	237
137	Impact of Combined Deficiency of Hepatic Lipase and Endothelial Lipase on the Metabolism of Both High-Density Lipoproteins and Apolipoprotein Bâ€“Containing Lipoproteins. Circulation Research, 2010, 107, 357-364.	2.0	70
138	Upregulation of the apelinâ€“APJ pathway promotes neointima formation in the carotid ligation model in mouse. Cardiovascular Research, 2010, 87, 156-165.	1.8	34
139	Role of endothelial cell-selective adhesion molecule in hematogeneous metastasis. Microvascular Research, 2010, 80, 133-141.	1.1	14
140	Endothelial cell-selective adhesion molecule modulates atherosclerosis through plaque angiogenesis and monocyteâ€“endothelial interaction. Microvascular Research, 2010, 80, 179-187.	1.1	45
141	Design of the Coronary ARtery DIsease Genome-Wide Replication And Meta-Analysis (CARDIoGRAM) Study. Circulation: Cardiovascular Genetics, 2010, 3, 475-483.	5.1	159
142	Apelin is necessary for the maintenance of insulin sensitivity. American Journal of Physiology - Endocrinology and Metabolism, 2010, 298, E59-E67.	1.8	213
143	Admixture mapping of quantitative trait loci for blood lipids in African-Americans. Human Molecular Genetics, 2009, 18, 2091-2098.	1.4	29
144	Endogenous regulation of cardiovascular function by apelin-APJ. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 297, H1904-H1913.	1.5	169

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145	Peroxisome Proliferator-Activated Receptor Gamma Polymorphisms and Coronary Heart Disease. PPAR Research, 2009, 2009, 1-11.	1.1	25
146	Apelin prevents aortic aneurysm formation by inhibiting macrophage inflammation. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 296, H1329-H1335.	1.5	136
147	Targeted inactivation of endothelial lipase attenuates lung allergic inflammation through raising plasma HDL level and inhibiting eosinophil infiltration. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2009, 296, L594-L602.	1.3	26
148	Identification of ARIA regulating endothelial apoptosis and angiogenesis by modulating proteasomal degradation of cIAP-1 and cIAP-2. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 8227-8232.	3.3	32
149	Endothelial cell specific adhesion molecule (ESAM) localizes to plateletâ€“platelet contacts and regulates thrombus formation in vivo. Journal of Thrombosis and Haemostasis, 2009, 7, 1886-1896.	1.9	61
150	Ontogeny of apelin and its receptor in the rodent gastrointestinal tract. Regulatory Peptides, 2009, 158, 32-39.	1.9	48
151	Characterizing the admixed African ancestry of African Americans. Genome Biology, 2009, 10, R141.	13.9	145
152	Common polymorphisms of ALOX5 and ALOX5AP and risk of coronary artery disease. Human Genetics, 2008, 123, 399-408.	1.8	54
153	Failure to replicate an association of SNPs in the oxidized LDL receptor gene (OLR1) with CAD. BMC Medical Genetics, 2008, 9, 23.	2.1	29
154	A near null variant of 12/15-LOX encoded by a novel SNP in ALOX15 and the risk of coronary artery disease. Atherosclerosis, 2008, 198, 136-144.	0.4	44
155	Absence of evidence for an association between resistin gene variants and insulin resistance in an Asian population with low and high blood pressure. Diabetes Research and Clinical Practice, 2008, 81, 231-237.	1.1	2
156	The Negative Correlation Between Plasma Adiponectin and Blood Pressure Depends on Obesity: A Family-based Association Study In SAPPHIRe. American Journal of Hypertension, 2008, 21, 471-476.	1.0	25
157	Susceptibility locus for clinical and subclinical coronary artery disease at chromosome 9p21 in the multi-ethnic ADVANCE study. Human Molecular Genetics, 2008, 17, 2320-2328.	1.4	166
158	In vivo genetic profiling and cellular localization of apelin reveals a hypoxia-sensitive, endothelial-centered pathway activated in ischemic heart failure. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 294, H88-H98.	1.5	128
159	Del-1, an Endogenous Leukocyte-Endothelial Adhesion Inhibitor, Limits Inflammatory Cell Recruitment. Science, 2008, 322, 1101-1104.	6.0	271
160	Apelin-APJ Signaling in Retinal Angiogenesis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 1687-1688.	1.1	12
161	Apelin signaling antagonizes Ang II effects in mouse models of atherosclerosis. Journal of Clinical Investigation, 2008, 118, 3343-54.	3.9	253
162	Circulating chemokines accurately identify individuals with clinically significant atherosclerotic heart disease. Physiological Genomics, 2007, 31, 402-409.	1.0	60

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163	Frontiers in Nephrology. Journal of the American Society of Nephrology: JASN, 2007, 18, 2853-2862.	3.0	3
164	Matrix metalloproteinase circulating levels, genetic polymorphisms, and susceptibility to acute myocardial infarction among patients with coronary artery disease. American Heart Journal, 2007, 154, 1043-1051.	1.2	58
165	Polymorphisms in hypoxia inducible factor 1 and the initial clinical presentation of coronary disease. American Heart Journal, 2007, 154, 1035-1042.	1.2	82
166	Hepatic Proprotein Convertases Modulate HDL Metabolism. Cell Metabolism, 2007, 6, 129-136.	7.2	117
167	Apelin and Its G Protein-Coupled Receptor Regulate Cardiac Development as Well as Cardiac Function. Developmental Cell, 2007, 12, 319-320.	3.1	27
168	Endothelial Lipase is Increased by Inflammation and Promotes LDL Uptake in Macrophages. Journal of Atherosclerosis and Thrombosis, 2007, 14, 192-201.	0.9	41
169	Metabolic Syndrome and Early-Onset Coronary Artery Disease. Journal of the American College of Cardiology, 2006, 48, 1800-1807.	1.2	128
170	Opposing cardiovascular roles for the angiotensin and apelin signaling pathways. Journal of Molecular and Cellular Cardiology, 2006, 41, 778-781.	0.9	42
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