

# Jonathan D Smith

## List of Publications by Citations

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194  
papers

22,790  
citations

69  
h-index

150  
g-index

220  
ext. papers

25,857  
ext. citations

9.8  
avg, IF

6.35  
L-index

#	Paper	IF	Citations
194	Gut flora metabolism of phosphatidylcholine promotes cardiovascular disease. <i>Nature</i> , <b>2011</b> , 472, 57-63	50.4	3217
193	Intestinal microbiota metabolism of L-carnitine, a nutrient in red meat, promotes atherosclerosis. <i>Nature Medicine</i> , <b>2013</b> , 19, 576-85	50.5	2528
192	Severe hypercholesterolemia and atherosclerosis in apolipoprotein E-deficient mice created by homologous recombination in ES cells. <i>Cell</i> , <b>1992</b> , 71, 343-53	56.2	1908
191	Apolipoprotein E allele-specific antioxidant activity and effects on cytotoxicity by oxidative insults and beta-amyloid peptides. <i>Nature Genetics</i> , <b>1996</b> , 14, 55-61	36.3	780
190	Targeted disruption of the class B scavenger receptor CD36 protects against atherosclerotic lesion development in mice. <i>Journal of Clinical Investigation</i> , <b>2000</b> , 105, 1049-56	15.9	737
189	ApoE promotes the proteolytic degradation of Abeta. <i>Neuron</i> , <b>2008</b> , 58, 681-93	13.9	680
188	Decreased atherosclerosis in mice deficient in both macrophage colony-stimulating factor (op) and apolipoprotein E. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1995</b> , 92, 8264-8	11.5	552
187	Apolipoprotein A-I is a selective target for myeloperoxidase-catalyzed oxidation and functional impairment in subjects with cardiovascular disease. <i>Journal of Clinical Investigation</i> , <b>2004</b> , 114, 529-541	15.9	540
186	Meta-analysis identifies six new susceptibility loci for atrial fibrillation. <i>Nature Genetics</i> , <b>2012</b> , 44, 670-5	36.3	429
185	Common variants in KCNN3 are associated with lone atrial fibrillation. <i>Nature Genetics</i> , <b>2010</b> , 42, 240-4	36.3	362
184	Genome-wide association study of PR interval. <i>Nature Genetics</i> , <b>2010</b> , 42, 153-9	36.3	340
183	βButyrobetaine is a proatherogenic intermediate in gut microbial metabolism of L-carnitine to TMAO. <i>Cell Metabolism</i> , <b>2014</b> , 20, 799-812	24.6	313
182	T and B lymphocytes play a minor role in atherosclerotic plaque formation in the apolipoprotein E-deficient mouse. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1997</b> , 94, 4642-6	11.5	300
181	Multi-ethnic genome-wide association study for atrial fibrillation. <i>Nature Genetics</i> , <b>2018</b> , 50, 1225-1233	36.3	277
180	Apolipoprotein A-I is a selective target for myeloperoxidase-catalyzed oxidation and functional impairment in subjects with cardiovascular disease. <i>Journal of Clinical Investigation</i> , <b>2004</b> , 114, 529-41	15.9	258
179	An abundant dysfunctional apolipoprotein A1 in human atheroma. <i>Nature Medicine</i> , <b>2014</b> , 20, 193-203	50.5	250
178	High-density lipoprotein function, dysfunction, and reverse cholesterol transport. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2012</b> , 32, 2813-20	9.4	248

177	Paradoxical association of enhanced cholesterol efflux with increased incident cardiovascular risks. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2013</b> , 33, 1696-705	9.4	227
176	Alcohol consumption raises HDL cholesterol levels by increasing the transport rate of apolipoproteins A-I and A-II. <i>Circulation</i> , <b>2000</b> , 102, 2347-52	16.7	224
175	Cholesterol efflux to apolipoprotein AI involves endocytosis and resecretion in a calcium-dependent pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1999</b> , 96, 11358-63	11.5	209
174	Common genetic variation in the promoter of the human apo CIII gene abolishes regulation by insulin and may contribute to hypertriglyceridemia. <i>Journal of Clinical Investigation</i> , <b>1995</b> , 96, 2601-5	15.9	207
173	Modification of high density lipoprotein by myeloperoxidase generates a pro-inflammatory particle. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 30825-35	5.4	194
172	Lipidation of apolipoprotein E influences its isoform-specific interaction with Alzheimer's amyloid $\beta$ peptides. <i>Biochemical Journal</i> , <b>2000</b> , 348, 359-365	3.8	189
171	Adhesion of monocytes to arterial endothelium and initiation of atherosclerosis are critically dependent on vascular cell adhesion molecule-1 gene dosage. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2001</b> , 21, 1662-7	9.4	181
170	Myeloperoxidase, paraoxonase-1, and HDL form a functional ternary complex. <i>Journal of Clinical Investigation</i> , <b>2013</b> , 123, 3815-28	15.9	181
169	HDL-bound sphingosine 1-phosphate acts as a biased agonist for the endothelial cell receptor S1P1 to limit vascular inflammation. <i>Science Signaling</i> , <b>2015</b> , 8, ra79	8.8	180
168	Large-scale analyses of common and rare variants identify 12 new loci associated with atrial fibrillation. <i>Nature Genetics</i> , <b>2017</b> , 49, 946-952	36.3	176
167	The refined structure of nascent HDL reveals a key functional domain for particle maturation and dysfunction. <i>Nature Structural and Molecular Biology</i> , <b>2007</b> , 14, 861-8	17.6	171
166	Localization of nitration and chlorination sites on apolipoprotein A-I catalyzed by myeloperoxidase in human atheroma and associated oxidative impairment in ABCA1-dependent cholesterol efflux from macrophages. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 38-47	5.4	163
165	The cardioprotective protein apolipoprotein A1 promotes potent anti-tumorigenic effects. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 21237-21252	5.4	156
164	Genetic background determines the extent of atherosclerosis in ApoE-deficient mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>1999</b> , 19, 1960-8	9.4	152
163	Consideration of Sex Differences in Design and Reporting of Experimental Arterial Pathology Studies-Statement From ATVB Council. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2018</b> , 38, 292-303	9.4	151
162	Biliary cholesterol excretion: a novel mechanism that regulates dietary cholesterol absorption. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1998</b> , 95, 10194-9	11.5	150
161	Cyclic AMP induces apolipoprotein E binding activity and promotes cholesterol efflux from a macrophage cell line to apolipoprotein acceptors. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 30647-55	5.4	145
160	Integrating genetic, transcriptional, and functional analyses to identify 5 novel genes for atrial fibrillation. <i>Circulation</i> , <b>2014</b> , 130, 1225-35	16.7	143

159	Ceramide as a mediator of non-alcoholic Fatty liver disease and associated atherosclerosis. <i>PLoS ONE</i> , <b>2015</b> , 10, e0126910	3.7	124
158	Sphingosine-1-phosphate receptor-2 function in myeloid cells regulates vascular inflammation and atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2011</b> , 31, 81-5	9.4	124
157	Differential effects of apolipoprotein E isoforms on metal-induced aggregation of A beta using physiological concentrations. <i>Biochemistry</i> , <b>1999</b> , 38, 4595-603	3.2	117
156	Dysfunctional HDL as a diagnostic and therapeutic target. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2010</b> , 30, 151-5	9.4	109
155	Independent susceptibility markers for atrial fibrillation on chromosome 4q25. <i>Circulation</i> , <b>2010</b> , 122, 976-84	16.7	109
154	Apolipoprotein E promotes amyloid trafficking and degradation by modulating microglial cholesterol levels. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 2032-44	5.4	109
153	17Alpha-estradiol and 17beta-estradiol treatments are effective in lowering cerebral amyloid-beta levels in AbetaPPSWE transgenic mice. <i>Journal of Alzheimer's Disease</i> , <b>2002</b> , 4, 449-57	4.3	109
152	Overexpression of apolipoprotein CII causes hypertriglyceridemia in transgenic mice. <i>Journal of Clinical Investigation</i> , <b>1994</b> , 93, 1683-90	15.9	109
151	Apolipoproteins and aging: emerging mechanisms. <i>Ageing Research Reviews</i> , <b>2002</b> , 1, 345-65	12	107
150	High-density lipoprotein and atherosclerosis regression: evidence from preclinical and clinical studies. <i>Circulation Research</i> , <b>2014</b> , 114, 205-13	15.7	106
149	Effects of native and myeloperoxidase-modified apolipoprotein a-I on reverse cholesterol transport and atherosclerosis in mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2014</b> , 34, 779-89	9.4	104
148	Novel genetic markers associate with atrial fibrillation risk in Europeans and Japanese. <i>Journal of the American College of Cardiology</i> , <b>2014</b> , 63, 1200-1210	15.1	102
147	Apolipoprotein E4: an allele associated with many diseases. <i>Annals of Medicine</i> , <b>2000</b> , 32, 118-27	1.5	102
146	ABCA1 mediates concurrent cholesterol and phospholipid efflux to apolipoprotein A-I. <i>Journal of Lipid Research</i> , <b>2004</b> , 45, 635-44	6.3	100
145	Dysregulation of cholesterol homeostasis in human prostate cancer through loss of ABCA1. <i>Cancer Research</i> , <b>2013</b> , 73, 1211-8	10.1	94
144	Combined hyperlipidemia in transgenic mice overexpressing human apolipoprotein C1. <i>Journal of Clinical Investigation</i> , <b>1996</b> , 98, 846-55	15.9	92
143	Evaluation of the role of phosphatidylserine translocase activity in ABCA1-mediated lipid efflux. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 17797-803	5.4	91
142	Scavenger receptor-BI inhibits ATP-binding cassette transporter 1- mediated cholesterol efflux in macrophages. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 30794-800	5.4	87

141	Characterization of the binding of amyloid-beta peptide to cell culture-derived native apolipoprotein E2, E3, and E4 isoforms and to isoforms from human plasma. <i>Journal of Neurochemistry</i> , <b>1997</b> , 68, 721-5	6	86
140	ABCA1 and nascent HDL biogenesis. <i>BioFactors</i> , <b>2014</b> , 40, 547-54	6.1	85
139	The emergence of mouse models of atherosclerosis and their relevance to clinical research. <i>Journal of Internal Medicine</i> , <b>1997</b> , 242, 99-109	10.8	81
138	Apolipoprotein A-I tryptophan substitution leads to resistance to myeloperoxidase-mediated loss of function. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2008</b> , 28, 2063-70	9.4	79
137	MyD88-dependent interplay between myeloid and endothelial cells in the initiation and progression of obesity-associated inflammatory diseases. <i>Journal of Experimental Medicine</i> , <b>2014</b> , 211, 1003-1003	16.6	78
136	Thrombospondin-4 regulates vascular inflammation and atherogenesis. <i>Circulation Research</i> , <b>2010</b> , 107, 1313-25	15.7	78
135	Function and distribution of apolipoprotein A1 in the artery wall are markedly distinct from those in plasma. <i>Circulation</i> , <b>2013</b> , 128, 1644-55	16.7	77
134	Polymorphism in the human apolipoprotein A-I gene promoter region. Association of the minor allele with decreased production rate in vivo and promoter activity in vitro. <i>Journal of Clinical Investigation</i> , <b>1992</b> , 89, 1796-800	15.9	76
133	Lipidation of apolipoprotein E influences its isoform-specific interaction with Alzheimer's amyloid $\beta$ peptides. <i>Biochemical Journal</i> , <b>2000</b> , 348, 359	3.8	75
132	SARS-CoV-2 and ACE2: The biology and clinical data settling the ARB and ACEI controversy. <i>EBioMedicine</i> , <b>2020</b> , 58, 102907	8.8	75
131	Association Between Titin Loss-of-Function Variants and Early-Onset Atrial Fibrillation. <i>JAMA - Journal of the American Medical Association</i> , <b>2018</b> , 320, 2354-2364	27.4	75
130	In silico quantitative trait locus map for atherosclerosis susceptibility in apolipoprotein E-deficient mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2003</b> , 23, 117-22	9.4	73
129	A phenotype-sensitizing Apoe-deficient genetic background reveals novel atherosclerosis predisposition loci in the mouse. <i>Genetics</i> , <b>2002</b> , 160, 1599-608	4	72
128	A simple and sensitive enzymatic method for cholesterol quantification in macrophages and foam cells. <i>Journal of Lipid Research</i> , <b>2010</b> , 51, 3364-9	6.3	71
127	Cyclosporin A traps ABCA1 at the plasma membrane and inhibits ABCA1-mediated lipid efflux to apolipoprotein A-I. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2004</b> , 24, 2155-61	9.4	70
126	Site-specific nitration of apolipoprotein A-I at tyrosine 166 is both abundant within human atherosclerotic plaque and dysfunctional. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 10276-10292	5.4	69
125	Alzheimer Amyloid- $\beta$ Peptide Forms Denaturant-Resistant Complex with Type $\beta$ but Not Type $\beta$ Isoform of Native Apolipoprotein E. <i>Molecular Medicine</i> , <b>1996</b> , 2, 175-180	6.2	69
124	Macrophage phenotype in mice deficient in both macrophage-colony-stimulating factor (op) and apolipoprotein E. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>1998</b> , 18, 631-40	9.4	68

123	Left atrial transcriptional changes associated with atrial fibrillation susceptibility and persistence. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2015</b> , 8, 32-41	6.4	65
122	Changes in whole blood gene expression in obese subjects with type 2 diabetes following bariatric surgery: a pilot study. <i>PLoS ONE</i> , <b>2011</b> , 6, e16729	3.7	65
121	Tyrosine modification is not required for myeloperoxidase-induced loss of apolipoprotein A-I functional activities. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 33775-84	5.4	63
120	Supervised principal component analysis for gene set enrichment of microarray data with continuous or survival outcomes. <i>Bioinformatics</i> , <b>2008</b> , 24, 2474-81	7.2	61
119	Identification of cAMP analogue inducible genes in RAW264 macrophages. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , <b>2000</b> , 1492, 385-94		60
118	Apo A-I inhibits foam cell formation in Apo E-deficient mice after monocyte adherence to endothelium. <i>Journal of Clinical Investigation</i> , <b>1999</b> , 104, 31-9	15.9	60
117	Protection of extraribosomal RPL13a by GAPDH and dysregulation by S-nitrosylation. <i>Molecular Cell</i> , <b>2012</b> , 47, 656-63	17.6	58
116	A common connexin-40 gene promoter variant affects connexin-40 expression in human atria and is associated with atrial fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2011</b> , 4, 87-93	6.4	55
115	Phospholipase C beta3 deficiency leads to macrophage hypersensitivity to apoptotic induction and reduction of atherosclerosis in mice. <i>Journal of Clinical Investigation</i> , <b>2008</b> , 118, 195-204	15.9	55
114	Akt3 deficiency in macrophages promotes foam cell formation and atherosclerosis in mice. <i>Cell Metabolism</i> , <b>2012</b> , 15, 861-72	24.6	54
113	MyD88-dependent interplay between myeloid and endothelial cells in the initiation and progression of obesity-associated inflammatory diseases. <i>Journal of Experimental Medicine</i> , <b>2014</b> , 211, 887-907	16.6	50
112	Homocysteine inhibits neoangiogenesis in mice through blockade of annexin A2-dependent fibrinolysis. <i>Journal of Clinical Investigation</i> , <b>2009</b> , 119, 3384-94	15.9	50
111	Dietary methionine effects on plasma homocysteine and HDL metabolism in mice. <i>Journal of Nutritional Biochemistry</i> , <b>2008</b> , 19, 362-70	6.3	47
110	Myeloperoxidase, inflammation, and dysfunctional high-density lipoprotein. <i>Journal of Clinical Lipidology</i> , <b>2010</b> , 4, 382-8	4.9	46
109	Identification of the cAMP-responsive enhancer of the murine ABCA1 gene: requirement for CREB1 and STAT3/4 elements. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2006</b> , 26, 527-33	9.4	45
108	Whole genome expression differences in human left and right atria ascertained by RNA sequencing. <i>Circulation: Cardiovascular Genetics</i> , <b>2012</b> , 5, 327-35		43
107	Brain region-specific up-regulation of mouse apolipoprotein E by pharmacological estrogen treatments. <i>Journal of Neurochemistry</i> , <b>2001</b> , 79, 796-803	6	43
106	The relationship between apolipoprotein E and serum oxidation-related variables is apolipoprotein E phenotype dependent. <i>International Journal of Clinical and Laboratory Research</i> , <b>1998</b> , 28, 116-21		41

105	Atherosclerosis susceptibility loci identified from a strain intercross of apolipoprotein E-deficient mice via a high-density genome scan. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2006</b> , 26, 597-603	9.4	41
104	Apolipoprotein A-I and its mimetics for the treatment of atherosclerosis. <i>Current Opinion in Investigational Drugs</i> , <b>2010</b> , 11, 989-96		41
103	Metabolic and genetic determinants of HDL metabolism and hepatic lipase activity in normolipidemic females. <i>Journal of Lipid Research</i> , <b>1999</b> , 40, 1211-1221	6.3	40
102	PI(4,5)P2 Is Translocated by ABCA1 to the Cell Surface Where It Mediates Apolipoprotein A1 Binding and Nascent HDL Assembly. <i>Circulation Research</i> , <b>2016</b> , 119, 827-38	15.7	39
101	PANCR, the PITX2 Adjacent Noncoding RNA, Is Expressed in Human Left Atria and Regulates PITX2c Expression. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2016</b> , 9, e003197	6.4	39
100	PR interval genome-wide association meta-analysis identifies 50 loci associated with atrial and atrioventricular electrical activity. <i>Nature Communications</i> , <b>2018</b> , 9, 2904	17.4	39
99	Quantitative assay for mouse atherosclerosis in the aortic root. <i>Methods in Molecular Medicine</i> , <b>2006</b> , 129, 83-95		39
98	Zymosan-mediated inflammation impairs in vivo reverse cholesterol transport. <i>Journal of Lipid Research</i> , <b>2011</b> , 52, 951-7	6.3	38
97	Red blood cells play a role in reverse cholesterol transport. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2012</b> , 32, 1460-5	9.4	38
96	Sex specific gene regulation and expression QTLs in mouse macrophages from a strain intercross. <i>PLoS ONE</i> , <b>2008</b> , 3, e1435	3.7	38
95	Atrial Fibrillation associated chromosome 4q25 variants are not associated with PITX2c expression in human adult left atrial appendages. <i>PLoS ONE</i> , <b>2014</b> , 9, e86245	3.7	37
94	The critical role of IL-1 receptor-associated kinase 4-mediated NF- $\kappa$ B activation in modified low-density lipoprotein-induced inflammatory gene expression and atherosclerosis. <i>Journal of Immunology</i> , <b>2011</b> , 186, 2871-80	5.3	37
93	The Upregulation of Integrin $\alpha$ (CD11d/CD18) on Inflammatory Macrophages Promotes Macrophage Retention in Vascular Lesions and Development of Atherosclerosis. <i>Journal of Immunology</i> , <b>2017</b> , 198, 4855-4867	5.3	36
92	Glycation Reduces the Stability of ApoA1 and Increases HDL Dysfunction in Diet-Controlled Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2018</b> , 103, 388-396	5.6	36
91	Identification of apolipoprotein D as a cardioprotective gene using a mouse model of lethal atherosclerotic coronary artery disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 17023-8	11.5	35
90	Diabetic HDL is dysfunctional in stimulating endothelial cell migration and proliferation due to down regulation of SR-BI expression. <i>PLoS ONE</i> , <b>2012</b> , 7, e48530	3.7	34
89	ABCA1 mediates unfolding of apolipoprotein AI N terminus on the cell surface before lipidation and release of nascent high-density lipoprotein. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2013</b> , 33, 1197-205	9.4	34
88	Lack of mitogen-activated protein kinase phosphatase-1 protects ApoE-null mice against atherosclerosis. <i>Circulation Research</i> , <b>2010</b> , 106, 902-10	15.7	34

87	Reevaluation of the role of the multidrug-resistant P-glycoprotein in cellular cholesterol homeostasis. <i>Journal of Lipid Research</i> , <b>2006</b> , 47, 51-8	6.3	34
86	Weighted gene coexpression network analysis of human left atrial tissue identifies gene modules associated with atrial fibrillation. <i>Circulation: Cardiovascular Genetics</i> , <b>2013</b> , 6, 362-71		33
85	Direct electrochemical evaluation of plasma membrane cholesterol in live mammalian cells. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 11352-3	16.4	33
84	Effect of estradiol on neuronal Swedish-mutated beta-amyloid precursor protein metabolism: reversal by astrocytic cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2000</b> , 271, 82-5	3.4	30
83	Safe and effective method for chronic 17beta-estradiol administration to mice. <i>Contemporary Topics in Laboratory Animal Science</i> , <b>2003</b> , 42, 33-5		29
82	2H <sub>2</sub> O-based high-density lipoprotein turnover method for the assessment of dynamic high-density lipoprotein function in mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2013</b> , 33, 1994-2003	9.4	28
81	Apolipoprotein A-I lysine modification: effects on helical content, lipid binding and cholesterol acceptor activity. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2006</b> , 1761, 64-72	5	28
80	Astrocytes down-regulate neuronal beta-amyloid precursor protein expression and modify its processing in an apolipoprotein E isoform-specific manner. <i>European Journal of Neuroscience</i> , <b>2001</b> , 14, 256-66	3.5	25
79	Fifteen Genetic Loci Associated With the Electrocardiographic P Wave. <i>Circulation: Cardiovascular Genetics</i> , <b>2017</b> , 10,		24
78	ORMDL orosomucoid-like proteins are degraded by free-cholesterol-loading-induced autophagy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 3728-33	11.5	23
77	Genetic Control of Left Atrial Gene Expression Yields Insights into the Genetic Susceptibility for Atrial Fibrillation. <i>Circulation Genomic and Precision Medicine</i> , <b>2018</b> , 11, e002107	5.2	23
76	Ribosomal protein L13a deficiency in macrophages promotes atherosclerosis by limiting translation control-dependent retardation of inflammation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2014</b> , 34, 533-42	9.4	23
75	Physiological difference in autophagic flux in macrophages from 2 mouse strains regulates cholesterol ester metabolism. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2013</b> , 33, 903-10	9.4	23
74	Sphingomyelin depletion impairs anionic phospholipid inward translocation and induces cholesterol efflux. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 37166-79	5.4	21
73	Ovariectomy of young mutant amyloid precursor protein transgenic mice leads to increased mortality. <i>Journal of Molecular Neuroscience</i> , <b>2002</b> , 19, 163-6	3.3	21
72	Fine-mapping, novel loci identification, and SNP association transferability in a genome-wide association study of QRS duration in African Americans. <i>Human Molecular Genetics</i> , <b>2016</b> , 25, 4350-4368	5.6	20
71	Moderately decreased cholesterol absorption rates are associated with a large atheroprotective effect. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2009</b> , 29, 1745-50	9.4	19
70	Decreased atherosclerosis in mice deficient in tumor necrosis factor-alpha receptor-II (p75). <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2007</b> , 27, e16-7	9.4	19



69	Stably transfected ABCA1 antisense cell line has decreased ABCA1 mRNA and cAMP-induced cholesterol efflux to apolipoprotein AI and HDL. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2001</b> , 1534, 121-8	5	19
68	Transcriptome analysis of genes regulated by cholesterol loading in two strains of mouse macrophages associates lysosome pathway and ER stress response with atherosclerosis susceptibility. <i>PLoS ONE</i> , <b>2013</b> , 8, e65003	3.7	18
67	Deficiency of LRP8 in mice is associated with altered platelet function and prolonged time for in vivo thrombosis. <i>Thrombosis Research</i> , <b>2009</b> , 123, 644-52	8.2	18
66	Miltefosine increases macrophage cholesterol release and inhibits NLRP3-inflammasome assembly and IL-1 $\beta$ release. <i>Scientific Reports</i> , <b>2019</b> , 9, 11128	4.9	16
65	The low-resolution structure of nHDL reconstituted with DMPC with and without cholesterol reveals a mechanism for particle expansion. <i>Journal of Lipid Research</i> , <b>2013</b> , 54, 966-83	6.3	16
64	Genome-wide studies of gene expression relevant to coronary artery disease. <i>Current Opinion in Cardiology</i> , <b>2012</b> , 27, 210-3	2.1	16
63	Transcriptome profile of macrophages from atherosclerosis-sensitive and atherosclerosis-resistant mice. <i>Mammalian Genome</i> , <b>2006</b> , 17, 220-9	3.2	16
62	Bariatric Surgery Improves HDL Function Examined by ApoA1 Exchange Rate and Cholesterol Efflux Capacity in Patients with Obesity and Type 2 Diabetes. <i>Biomolecules</i> , <b>2020</b> , 10,	5.9	15
61	A novel folding intermediate state for apolipoprotein A-I: role of the amino and carboxy termini. <i>Biophysical Journal</i> , <b>2006</b> , 90, 1362-70	2.9	15
60	Apolipoprotein E deficiency effects on learning in mice are dependent upon the background strain. <i>Behavioural Brain Research</i> , <b>2001</b> , 120, 23-34	3.4	15
59	Genetic Interactions with Age, Sex, Body Mass Index, and Hypertension in Relation to Atrial Fibrillation: The AFGen Consortium. <i>Scientific Reports</i> , <b>2017</b> , 7, 11303	4.9	14
58	Adenosine receptor deficiency or inhibition reduces atherosclerotic lesions in apolipoprotein E deficient mice. <i>Cardiovascular Research</i> , <b>2014</b> , 102, 157-65	9.9	14
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