

Jonathan D Smith

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/2593434/jonathan-d-smith-publications-by-year.pdf>

Version: 2024-04-17

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

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	New Radiomic Markers of Pulmonary Vein Morphology Associated With Post-Ablation Recurrence of Atrial Fibrillation.. <i>IEEE Journal of Translational Engineering in Health and Medicine</i> , 2022 , 10, 1800209 ³		
193	Efficient Method to Differentiate Mouse Embryonic Stem Cells into Macrophages .. <i>Bio-protocol</i> , 2022 , 12, e4318	0.9	0
192	Oxidant resistant human apolipoprotein A-I functions similarly to the unmodified human isoform in delaying atherosclerosis progression and promoting atherosclerosis regression in hyperlipidemic mice.. <i>PLoS ONE</i> , 2022 , 17, e0259751	3.7	0
191	Stent-based delivery of AAV2 vectors encoding oxidation-resistant apoA1.. <i>Scientific Reports</i> , 2022 , 12, 5464	4.9	0
190	Quantitative trait locus mapping identifies the GpnmB gene as a modifier of mouse macrophage lysosome function. <i>Scientific Reports</i> , 2021 , 11, 10249	4.9	2
189	Gasdermin D Mediates Inflammation-Induced Defects in Reverse Cholesterol Transport and Promotes Atherosclerosis. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 715211	5.7	2
188	Soat1 mediates the mouse strain effects on cholesterol loading-induced endoplasmic reticulum stress and CHOP expression in macrophages. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2021 , 1866, 158825	5	2
187	Genetic variant in 3' untranslated region of the mouse gene regulates inflammasome activity. <i>ELife</i> , 2021 , 10,	8.9	2
186	Atrial fibrillation rhythm is associated with marked changes in metabolic and myofibrillar protein expression in left atrial appendage. <i>Pflugers Archiv European Journal of Physiology</i> , 2021 , 473, 461-475	4.6	3
185	Uptake of high-density lipoprotein by scavenger receptor class B type 1 is associated with prostate cancer proliferation and tumor progression in mice. <i>Journal of Biological Chemistry</i> , 2020 , 295, 8252-8261	5.4	9
184	MBOAT7-driven phosphatidylinositol remodeling promotes the progression of clear cell renal carcinoma. <i>Molecular Metabolism</i> , 2020 , 34, 136-145	8.8	9
183	Genetic Susceptibility for Atrial Fibrillation in Patients Undergoing Atrial Fibrillation Ablation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020 , 13, e007676	6.4	12
182	First eight residues of apolipoprotein A-I mediate the C-terminus control of helical bundle unfolding and its lipidation. <i>PLoS ONE</i> , 2020 , 15, e0221915	3.7	2
181	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> , 2020 , 10,	5.9	15
180	A Novel Cell-Free Fluorescent Assay for HDL Function: Low Apolipoprotein A1 Exchange Rate Associated with Increased Incident Cardiovascular Events. <i>Journal of Applied Laboratory Medicine</i> , 2020 , 5, 544-557	2	5
179	SARS-CoV-2 and ACE2: The biology and clinical data settling the ARB and ACEI controversy. <i>EBioMedicine</i> , 2020 , 58, 102907	8.8	75
178	IL-1 induces mitochondrial translocation of IRAK2 to suppress oxidative metabolism in adipocytes. <i>Nature Immunology</i> , 2020 , 21, 1219-1231	19.1	13

177	First eight residues of apolipoprotein A-I mediate the C-terminus control of helical bundle unfolding and its lipidation 2020 , 15, e0221915		
176	First eight residues of apolipoprotein A-I mediate the C-terminus control of helical bundle unfolding and its lipidation 2020 , 15, e0221915		
175	First eight residues of apolipoprotein A-I mediate the C-terminus control of helical bundle unfolding and its lipidation 2020 , 15, e0221915		
174	First eight residues of apolipoprotein A-I mediate the C-terminus control of helical bundle unfolding and its lipidation 2020 , 15, e0221915		
173	First eight residues of apolipoprotein A-I mediate the C-terminus control of helical bundle unfolding and its lipidation 2020 , 15, e0221915		
172	First eight residues of apolipoprotein A-I mediate the C-terminus control of helical bundle unfolding and its lipidation 2020 , 15, e0221915		
171	HDL flux is higher in patients with nonalcoholic fatty liver disease. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019 , 317, E852-E862	6	11
170	CD13 deficiency leads to increased oxidative stress and larger atherosclerotic lesions. <i>Atherosclerosis</i> , 2019 , 287, 70-80	3.1	5
169	Confirmation of Ath26 locus on chromosome 17 and identification of Cyp4f13 as an atherosclerosis modifying gene. <i>Atherosclerosis</i> , 2019 , 286, 71-78	3.1	2
168	Miltefosine increases macrophage cholesterol release and inhibits NLRP3-inflammasome assembly and IL-1 β release. <i>Scientific Reports</i> , 2019 , 9, 11128	4.9	16
167	Consideration of Sex Differences in Design and Reporting of Experimental Arterial Pathology Studies-Statement From ATVB Council. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018 , 38, 292-303	3.1	15 ¹
166	CD6 expression has no effect on atherosclerosis in apolipoprotein E-deficient mice. <i>BMC Research Notes</i> , 2018 , 11, 229	2.3	
165	Genetic Control of Left Atrial Gene Expression Yields Insights into the Genetic Susceptibility for Atrial Fibrillation. <i>Circulation Genomic and Precision Medicine</i> , 2018 , 11, e002107	5.2	23
164	Glycation Reduces the Stability of ApoAI and Increases HDL Dysfunction in Diet-Controlled Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 388-396	5.6	36
163	PR interval genome-wide association meta-analysis identifies 50 loci associated with atrial and atrioventricular electrical activity. <i>Nature Communications</i> , 2018 , 9, 2904	17.4	39
162	Multi-ethnic genome-wide association study for atrial fibrillation. <i>Nature Genetics</i> , 2018 , 50, 1225-1233	36.3	277
161	Quantitative Trait Locus Mapping of Macrophage Cholesterol Metabolism and CRISPR/Cas9 Editing Implicate an ACAT1 Truncation as a Causal Modifier Variant. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018 , 38, 83-91	9.4	12
160	Association Between Titin Loss-of-Function Variants and Early-Onset Atrial Fibrillation. <i>JAMA - Journal of the American Medical Association</i> , 2018 , 320, 2354-2364	27.4	75

159	V-ATPase (Vacuolar ATPase) Activity Required for ABCA1 (ATP-Binding Cassette Protein A1)-Mediated Cholesterol Efflux. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018 , 38, 2615-2625	9.4	9
158	Common Coding Variants in Are Associated With the Nav1.8 Late Current and Cardiac Conduction. <i>Circulation Genomic and Precision Medicine</i> , 2018 , 11, e001663	5.2	14
157	Large-scale analyses of common and rare variants identify 12 new loci associated with atrial fibrillation. <i>Nature Genetics</i> , 2017 , 49, 946-952	36.3	176
156	The Upregulation of Integrin α CD11d/CD18) on Inflammatory Macrophages Promotes Macrophage Retention in Vascular Lesions and Development of Atherosclerosis. <i>Journal of Immunology</i> , 2017 , 198, 4855-4867	5.3	36
155	Genetic Interactions with Age, Sex, Body Mass Index, and Hypertension in Relation to Atrial Fibrillation: The AFGen Consortium. <i>Scientific Reports</i> , 2017 , 7, 11303	4.9	14
154	Fifteen Genetic Loci Associated With the Electrocardiographic P Wave. <i>Circulation: Cardiovascular Genetics</i> , 2017 , 10,		24
153	IRAK2 directs stimulus-dependent nuclear export of inflammatory mRNAs. <i>ELife</i> , 2017 , 6,	8.9	11
152	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> , 2016 , 119, 827-38	15.7	39
151	Gene-gene Interaction Analyses for Atrial Fibrillation. <i>Scientific Reports</i> , 2016 , 6, 35371	4.9	11
150	PANCR, the PITX2 Adjacent Noncoding RNA, Is Expressed in Human Left Atria and Regulates PITX2c Expression. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2016 , 9, e003197	6.4	39
149	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> , 2016 , 25, 4350-4368	5.6	20
148	Proteome Dynamics Reveals Pro-Inflammatory Remodeling of Plasma Proteome in a Mouse Model of NAFLD. <i>Journal of Proteome Research</i> , 2016 , 15, 3388-404	5.6	14
147	Left atrial transcriptional changes associated with atrial fibrillation susceptibility and persistence. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015 , 8, 32-41	6.4	65
146	HDL from apoA1 transgenic mice expressing the 4WF isoform is resistant to oxidative loss of function. <i>Journal of Lipid Research</i> , 2015 , 56, 653-664	6.3	6
145	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> , 2015 , 112, 3728-33	11.5	23
144	HDL-bound sphingosine 1-phosphate acts as a biased agonist for the endothelial cell receptor S1P1 to limit vascular inflammation. <i>Science Signaling</i> , 2015 , 8, ra79	8.8	180
143	Ceramide as a mediator of non-alcoholic Fatty liver disease and associated atherosclerosis. <i>PLoS ONE</i> , 2015 , 10, e0126910	3.7	124
142	Development and Use of Mouse Models of Atherosclerosis 2015 , 197-206		

141	Free-cholesterol-mediated autophagy of ORMDL1 stimulates sphingomyelin biosynthesis. <i>Autophagy</i> , 2015 , 11, 1207-8	10.2	10
140	Role of Autophagy in Atherogenesis 2015 , 203-211		0
139	Novel genetic markers associate with atrial fibrillation risk in Europeans and Japanese. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 1200-1210	15.1	102
138	Effects of native and myeloperoxidase-modified apolipoprotein a-I on reverse cholesterol transport and atherosclerosis in mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014 , 34, 779-89	9.4	104
137	High-density lipoprotein and atherosclerosis regression: evidence from preclinical and clinical studies. <i>Circulation Research</i> , 2014 , 114, 205-13	15.7	106
136	An abundant dysfunctional apolipoprotein A1 in human atheroma. <i>Nature Medicine</i> , 2014 , 20, 193-203	50.5	250
135	ABCA1 and nascent HDL biogenesis. <i>BioFactors</i> , 2014 , 40, 547-54	6.1	85
134	βButyrobetaine is a proatherogenic intermediate in gut microbial metabolism of L-carnitine to TMAO. <i>Cell Metabolism</i> , 2014 , 20, 799-812	24.6	313
133	MyD88-dependent interplay between myeloid and endothelial cells in the initiation and progression of obesity-associated inflammatory diseases. <i>Journal of Experimental Medicine</i> , 2014 , 211, 887-907	16.6	50
132	Integrating genetic, transcriptional, and functional analyses to identify 5 novel genes for atrial fibrillation. <i>Circulation</i> , 2014 , 130, 1225-35	16.7	143
131	Atrial Fibrillation associated chromosome 4q25 variants are not associated with PITX2c expression in human adult left atrial appendages. <i>PLoS ONE</i> , 2014 , 9, e86245	3.7	37
130	MyD88-dependent interplay between myeloid and endothelial cells in the initiation and progression of obesity-associated inflammatory diseases. <i>Journal of Experimental Medicine</i> , 2014 , 211, 1003-1003	16.6	78
129	Adenosine receptor deficiency or inhibition reduces atherosclerotic lesions in apolipoprotein E deficient mice. <i>Cardiovascular Research</i> , 2014 , 102, 157-65	9.9	14
128	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> , 2014 , 289, 10276-10292	5.4	69
127	Ribosomal protein L13a deficiency in macrophages promotes atherosclerosis by limiting translation control-dependent retardation of inflammation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014 , 34, 533-42	9.4	23
126	Function and distribution of apolipoprotein A1 in the artery wall are markedly distinct from those in plasma. <i>Circulation</i> , 2013 , 128, 1644-55	16.7	77
125	Intestinal microbiota metabolism of L-carnitine, a nutrient in red meat, promotes atherosclerosis. <i>Nature Medicine</i> , 2013 , 19, 576-85	50.5	2528
124	The cardioprotective protein apolipoprotein A1 promotes potent anti-tumorigenic effects. <i>Journal of Biological Chemistry</i> , 2013 , 288, 21237-21252	5.4	156

123	Genetic-genomic replication to identify candidate mouse atherosclerosis modifier genes. <i>Journal of the American Heart Association</i> , 2013 , 2, e005421	6	13
122	Dysregulation of cholesterol homeostasis in human prostate cancer through loss of ABCA1. <i>Cancer Research</i> , 2013 , 73, 1211-8	10.1	94
121	Weighted gene coexpression network analysis of human left atrial tissue identifies gene modules associated with atrial fibrillation. <i>Circulation: Cardiovascular Genetics</i> , 2013 , 6, 362-71		33
120	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> , 2013 , 33, 1197-205	9.4	34
119	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> , 2013 , 110, 17023-8	11.5	35
118	Paradoxical association of enhanced cholesterol efflux with increased incident cardiovascular risks. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 1696-705	9.4	227
117	2H2O-based high-density lipoprotein turnover method for the assessment of dynamic high-density lipoprotein function in mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 1994-2003	9.4	28
116	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> , 2013 , 8, e65003	3.7	18
115	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> , 2013 , 54, 966-83	6.3	16
114	Physiological difference in autophagic flux in macrophages from 2 mouse strains regulates cholesterol ester metabolism. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 903-10	9.4	23
113	Sphingomyelin depletion impairs anionic phospholipid inward translocation and induces cholesterol efflux. <i>Journal of Biological Chemistry</i> , 2013 , 288, 37166-79	5.4	21
112	Myeloperoxidase, paraoxonase-1, and HDL form a functional ternary complex. <i>Journal of Clinical Investigation</i> , 2013 , 123, 3815-28	15.9	181
111	High-density lipoprotein function, dysfunction, and reverse cholesterol transport. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012 , 32, 2813-20	9.4	248
110	Protection of extraribosomal RPL13a by GAPDH and dysregulation by S-nitrosylation. <i>Molecular Cell</i> , 2012 , 47, 656-63	17.6	58
109	Akt3 deficiency in macrophages promotes foam cell formation and atherosclerosis in mice. <i>Cell Metabolism</i> , 2012 , 15, 861-72	24.6	54
108	Low prevalence of connexin-40 gene variants in atrial tissues and blood from atrial fibrillation subjects. <i>BMC Medical Genetics</i> , 2012 , 13, 102	2.1	5
107	Meta-analysis identifies six new susceptibility loci for atrial fibrillation. <i>Nature Genetics</i> , 2012 , 44, 670-5	36.3	429
106	Diabetic HDL is dysfunctional in stimulating endothelial cell migration and proliferation due to down regulation of SR-BI expression. <i>PLoS ONE</i> , 2012 , 7, e48530	3.7	34

105	Whole genome expression differences in human left and right atria ascertained by RNA sequencing. <i>Circulation: Cardiovascular Genetics</i> , 2012 , 5, 327-35		43
104	Apolipoprotein E promotes amyloid trafficking and degradation by modulating microglial cholesterol levels. <i>Journal of Biological Chemistry</i> , 2012 , 287, 2032-44	5.4	109
103	Genome-wide studies of gene expression relevant to coronary artery disease. <i>Current Opinion in Cardiology</i> , 2012 , 27, 210-3	2.1	16
102	Red blood cells play a role in reverse cholesterol transport. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012 , 32, 1460-5	9.4	38
101	Changes in whole blood gene expression in obese subjects with type 2 diabetes following bariatric surgery: a pilot study. <i>PLoS ONE</i> , 2011 , 6, e16729	3.7	65
100	Combining genome-wide data from humans and animal models of dyslipidemia and atherosclerosis. <i>Current Opinion in Lipidology</i> , 2011 , 22, 100-5	4.4	4
99	Gut flora metabolism of phosphatidylcholine promotes cardiovascular disease. <i>Nature</i> , 2011 , 472, 57-63	50.4	3217
98	A novel compound inhibits reconstituted high-density lipoprotein assembly and blocks nascent high-density lipoprotein biogenesis downstream of apolipoprotein AI binding to ATP-binding cassette transporter A1-expressing cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 2722-7	9.4	7
97	The critical role of IL-1 receptor-associated kinase 4-mediated NF- κ B activation in modified low-density lipoprotein-induced inflammatory gene expression and atherosclerosis. <i>Journal of Immunology</i> , 2011 , 186, 2871-80	5.3	37
96	Zymosan-mediated inflammation impairs in vivo reverse cholesterol transport. <i>Journal of Lipid Research</i> , 2011 , 52, 951-7	6.3	38
95	Sphingosine-1-phosphate receptor-2 function in myeloid cells regulates vascular inflammation and atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 81-5	9.4	124
94	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> , 2011 , 4, 87-93	6.4	55
93	Genome-wide association study of PR interval. <i>Nature Genetics</i> , 2010 , 42, 153-9	36.3	340
92	Common variants in KCNN3 are associated with lone atrial fibrillation. <i>Nature Genetics</i> , 2010 , 42, 240-4	36.3	362
91	Dysfunctional HDL as a diagnostic and therapeutic target. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010 , 30, 151-5	9.4	109
90	Lack of mitogen-activated protein kinase phosphatase-1 protects ApoE-null mice against atherosclerosis. <i>Circulation Research</i> , 2010 , 106, 902-10	15.7	34
89	Thrombospondin-4 regulates vascular inflammation and atherogenesis. <i>Circulation Research</i> , 2010 , 107, 1313-25	15.7	78
88	Independent susceptibility markers for atrial fibrillation on chromosome 4q25. <i>Circulation</i> , 2010 , 122, 976-84	16.7	109

87	A simple and sensitive enzymatic method for cholesterol quantification in macrophages and foam cells. <i>Journal of Lipid Research</i> , 2010 , 51, 3364-9	6.3	71
86	Synthesis and biological evaluation of analogues of a novel inhibitor of beta-amyloid secretion. <i>Journal of Medicinal Chemistry</i> , 2010 , 53, 5302-19	8.3	6
85	Myeloperoxidase, inflammation, and dysfunctional high-density lipoprotein. <i>Journal of Clinical Lipidology</i> , 2010 , 4, 382-8	4.9	46
84	Apolipoprotein A-I and its mimetics for the treatment of atherosclerosis. <i>Current Opinion in Investigational Drugs</i> , 2010 , 11, 989-96		41
83	Modification of high density lipoprotein by myeloperoxidase generates a pro-inflammatory particle. <i>Journal of Biological Chemistry</i> , 2009 , 284, 30825-35	5.4	194
82	Moderately decreased cholesterol absorption rates are associated with a large atheroprotective effect. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009 , 29, 1745-50	9.4	19
81	Deficiency of LRP8 in mice is associated with altered platelet function and prolonged time for in vivo thrombosis. <i>Thrombosis Research</i> , 2009 , 123, 644-52	8.2	18
80	Homocysteine inhibits neoangiogenesis in mice through blockade of annexin A2-dependent fibrinolysis. <i>Journal of Clinical Investigation</i> , 2009 , 119, 3384-94	15.9	50
79	Lack of a significant role of P-Rex1, a major regulator of macrophage Rac1 activation and chemotaxis, in atherogenesis. <i>Prostaglandins and Other Lipid Mediators</i> , 2008 , 87, 9-13	3.7	11
78	ApoE promotes the proteolytic degradation of Abeta. <i>Neuron</i> , 2008 , 58, 681-93	13.9	680
77	Apolipoprotein A-I tryptophan substitution leads to resistance to myeloperoxidase-mediated loss of function. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008 , 28, 2063-70	9.4	79
76	Supervised principal component analysis for gene set enrichment of microarray data with continuous or survival outcomes. <i>Bioinformatics</i> , 2008 , 24, 2474-81	7.2	61
75	Sex specific gene regulation and expression QTLs in mouse macrophages from a strain intercross. <i>PLoS ONE</i> , 2008 , 3, e1435	3.7	38
74	Dietary methionine effects on plasma homocysteine and HDL metabolism in mice. <i>Journal of Nutritional Biochemistry</i> , 2008 , 19, 362-70	6.3	47
73	Phospholipase C beta3 deficiency leads to macrophage hypersensitivity to apoptotic induction and reduction of atherosclerosis in mice. <i>Journal of Clinical Investigation</i> , 2008 , 118, 195-204	15.9	55
72	Quantitative Trait Locus Mapping to Identify Genes for Complex Traits in Mice. <i>Springer Protocols</i> , 2008 , 257-268	0.3	1
71	Direct electrochemical evaluation of plasma membrane cholesterol in live mammalian cells. <i>Journal of the American Chemical Society</i> , 2007 , 129, 11352-3	16.4	33
70	Large disk intermediate precedes formation of apolipoprotein A-I-dimyristoylphosphatidylcholine small disks. <i>Biochemistry</i> , 2007 , 46, 6299-307	3.2	11

69	The refined structure of nascent HDL reveals a key functional domain for particle maturation and dysfunction. <i>Nature Structural and Molecular Biology</i> , 2007 , 14, 861-8	17.6	171
68	Decreased atherosclerosis in mice deficient in tumor necrosis factor-alpha receptor-II (p75). <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007 , 27, e16-7	9.4	19
67	Reevaluation of the role of the multidrug-resistant P-glycoprotein in cellular cholesterol homeostasis. <i>Journal of Lipid Research</i> , 2006 , 47, 51-8	6.3	34
66	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> , 2006 , 26, 527-33	9.4	45
65	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> , 2006 , 26, 597-603	9.4	41
64	Identification of atherosclerosis-modifying genes: pathogenic insights and therapeutic potential. <i>Expert Review of Cardiovascular Therapy</i> , 2006 , 4, 703-9	2.5	3
63	A novel folding intermediate state for apolipoprotein A-I: role of the amino and carboxy termini. <i>Biophysical Journal</i> , 2006 , 90, 1362-70	2.9	15
62	Quantitative assay for mouse atherosclerosis in the aortic root. <i>Methods in Molecular Medicine</i> , 2006 , 129, 83-95		39
61	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> , 2006 , 1761, 64-72	5	28
60	Transcriptome profile of macrophages from atherosclerosis-sensitive and atherosclerosis-resistant mice. <i>Mammalian Genome</i> , 2006 , 17, 220-9	3.2	16
59	Lack of protective effect of estrogens on cerebral A β levels in intact female and male APP transgenic mice. <i>Drug Development Research</i> , 2005 , 66, 136-141	5.1	3
58	Drug library screen to identify compounds that decrease secreted Abeta from a human cell line. <i>Current Alzheimer Research</i> , 2005 , 2, 255-9	3	7
57	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> , 2005 , 280, 38-47	5.4	163
56	Tyrosine modification is not required for myeloperoxidase-induced loss of apolipoprotein A-I functional activities. <i>Journal of Biological Chemistry</i> , 2005 , 280, 33775-84	5.4	63
55	ABCA1 mediates concurrent cholesterol and phospholipid efflux to apolipoprotein A-I. <i>Journal of Lipid Research</i> , 2004 , 45, 635-44	6.3	100
54	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> , 2004 , 24, 2155-61	9.4	70
53	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> , 2004 , 114, 529-541	15.9	540
52	Drug discovery: estrogen-related compounds in mouse models of Alzheimer's disease. <i>Journal of Molecular Neuroscience</i> , 2004 , 24, 145-7	3.3	1

51	Similar promotion of Abeta1-42 fibrillogenesis by native apolipoprotein E epsilon3 and epsilon4 isoforms. <i>Journal of Neuroinflammation</i> , 2004 , 1, 15	10.1	5
50	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> , 2004 , 114, 529-41	15.9	258
49	In silico quantitative trait locus map for atherosclerosis susceptibility in apolipoprotein E-deficient mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003 , 23, 117-22	9.4	73
48	Potential use of estrogen-like drugs for the prevention of Alzheimer's disease. <i>Journal of Molecular Neuroscience</i> , 2003 , 20, 277-81	3.3	7
47	Safe and effective method for chronic 17beta-estradiol administration to mice. <i>Contemporary Topics in Laboratory Animal Science</i> , 2003 , 42, 33-5		29
46	Human Cerebrospinal Fluid Apolipoprotein E Isoforms are Apparently Inefficient at Complexing with Synthetic Alzheimer's Amyloid-Peptide (A β 40) in vitro. <i>Molecular Medicine</i> , 2002 , 8, 376-381	6.2	5
45	Ovariectomy of young mutant amyloid precursor protein transgenic mice leads to increased mortality. <i>Journal of Molecular Neuroscience</i> , 2002 , 19, 163-6	3.3	21
44	Evaluation of the role of phosphatidylserine translocase activity in ABCA1-mediated lipid efflux. <i>Journal of Biological Chemistry</i> , 2002 , 277, 17797-803	5.4	91
43	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> , 2002 , 4, 449-57	4.3	109
42	Apolipoproteins and aging: emerging mechanisms. <i>Ageing Research Reviews</i> , 2002 , 1, 345-65	12	107
41	The murine macrophage apoB-48 receptor gene (Apob-48r)homology to the human receptor. <i>Journal of Lipid Research</i> , 2002 , 43, 1181-1191	6.3	9
40	Regulation of CD36 by PPAR α Pro- or Antiatherogenic?. <i>Medical Science Symposia Series</i> , 2002 , 89-94		
39	A phenotype-sensitizing Apoe-deficient genetic background reveals novel atherosclerosis predisposition loci in the mouse. <i>Genetics</i> , 2002 , 160, 1599-608	4	72
38	Brain region-specific up-regulation of mouse apolipoprotein E by pharmacological estrogen treatments. <i>Journal of Neurochemistry</i> , 2001 , 79, 796-803	6	43
37	Genetic modifiers of atherosclerosis in mice. <i>Annals of the New York Academy of Sciences</i> , 2001 , 947, 247-52; discussion 252-3	6.5	12
36	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> , 2001 , 14, 256-66	3.5	25
35	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> , 2001 , 21, 1662-7	9.4	181
34	Apolipoprotein E deficiency effects on learning in mice are dependent upon the background strain. <i>Behavioural Brain Research</i> , 2001 , 120, 23-34	3.4	15

33	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> , 2001 , 1534, 121-8	5	19
32	An A+ for Macrophages in Reducing Atherosclerosis?. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001 , 21, 1710-1711	9.4	2
31	Lipidation of apolipoprotein E influences its isoform-specific interaction with Alzheimer's amyloid β peptides. <i>Biochemical Journal</i> , 2000 , 348, 359	3.8	75
30	Lipidation of apolipoprotein E influences its isoform-specific interaction with Alzheimer's amyloid β peptides. <i>Biochemical Journal</i> , 2000 , 348, 359-365	3.8	189
29	Identification of cAMP analogue inducible genes in RAW264 macrophages. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2000 , 1492, 385-94		60
28	Apolipoprotein E4: an allele associated with many diseases. <i>Annals of Medicine</i> , 2000 , 32, 118-27	1.5	102
27	Scavenger receptor-BI inhibits ATP-binding cassette transporter 1- mediated cholesterol efflux in macrophages. <i>Journal of Biological Chemistry</i> , 2000 , 275, 30794-800	5.4	87
26	Alcohol consumption raises HDL cholesterol levels by increasing the transport rate of apolipoproteins A-I and A-II. <i>Circulation</i> , 2000 , 102, 2347-52	16.7	224
25	Effect of estradiol on neuronal Swedish-mutated beta-amyloid precursor protein metabolism: reversal by astrocytic cells. <i>Biochemical and Biophysical Research Communications</i> , 2000 , 271, 82-5	3.4	30
24	Targeted disruption of the class B scavenger receptor CD36 protects against atherosclerotic lesion development in mice. <i>Journal of Clinical Investigation</i> , 2000 , 105, 1049-56	15.9	737
23	Genetic background determines the extent of atherosclerosis in ApoE-deficient mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1999 , 19, 1960-8	9.4	152
22	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> , 1999 , 96, 11358-63	11.5	209
21	Differential effects of apolipoprotein E isoforms on metal-induced aggregation of A beta using physiological concentrations. <i>Biochemistry</i> , 1999 , 38, 4595-603	3.2	117
20	Apo A-I inhibits foam cell formation in Apo E-deficient mice after monocyte adherence to endothelium. <i>Journal of Clinical Investigation</i> , 1999 , 104, 31-9	15.9	60
19	Metabolic and genetic determinants of HDL metabolism and hepatic lipase activity in normolipidemic females. <i>Journal of Lipid Research</i> , 1999 , 40, 1211-1221	6.3	40
18	The relationship between apolipoprotein E and serum oxidation-related variables is apolipoprotein E phenotype dependent. <i>International Journal of Clinical and Laboratory Research</i> , 1998 , 28, 116-21		41
17	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> , 1998 , 95, 10194-9	11.5	150
16	Macrophage phenotype in mice deficient in both macrophage-colony-stimulating factor (op) and apolipoprotein E. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1998 , 18, 631-40	9.4	68

15	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> , 1997 , 94, 4642-6	11.5	300
14	The emergence of mouse models of atherosclerosis and their relevance to clinical research. <i>Journal of Internal Medicine</i> , 1997 , 242, 99-109	10.8	81
13	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> , 1997 , 68, 721-5	6	86
12	Alzheimer Amyloid- β Peptide Forms Denaturant-Resistant Complex with Type B but Not Type β Isoform of Native Apolipoprotein E. <i>Molecular Medicine</i> , 1996 , 2, 175-180	6.2	69
11	Apolipoprotein E allele-specific antioxidant activity and effects on cytotoxicity by oxidative insults and beta-amyloid peptides. <i>Nature Genetics</i> , 1996 , 14, 55-61	36.3	780
10	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> , 1996 , 271, 30647-55	5.4	145
9	Combined hyperlipidemia in transgenic mice overexpressing human apolipoprotein C1. <i>Journal of Clinical Investigation</i> , 1996 , 98, 846-55	15.9	92
8	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> , 1995 , 92, 8264-8	11.5	552
7	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> , 1995 , 96, 2601-5	15.9	207
6	Overexpression of apolipoprotein CII causes hypertriglyceridemia in transgenic mice. <i>Journal of Clinical Investigation</i> , 1994 , 93, 1683-90	15.9	109
5	Severe hypercholesterolemia and atherosclerosis in apolipoprotein E-deficient mice created by homologous recombination in ES cells. <i>Cell</i> , 1992 , 71, 343-53	56.2	1908
4	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> , 1992 , 89, 1796-800	15.9	76
3	Discovering patterns of pleiotropy in genome-wide association studies		1
2	SR-B1 uptake of HDL promotes prostate cancer proliferation and tumor progression		1
1	Gasdermin D mediates inflammation-induced defects in reverse cholesterol transport and promotes atherosclerosis		1