Jonathan D Smith

List of Publications by Year
in descending order

203 papers	28,135 citations	10389 72 h-index	5539 163 g-index
220 all docs	220 docs citations	220 times ranked	31071 citing authors

#	Article	IF	Citations
1	Gut flora metabolism of phosphatidylcholine promotes cardiovascular disease. Nature, 2011, 472, 57-63.	27.8	4,238
2	Intestinal microbiota metabolism of l-carnitine, a nutrient in red meat, promotes atherosclerosis. Nature Medicine, 2013, 19, 576-585.	30.7	3,355
3	Severe hypercholesterolemia and atherosclerosis in apolipoprotein E-deficient mice created by homologous recombination in ES cells. Cell, 1992, 71, 343-353.	28.9	2,082
4	Targeted disruption of the class B scavenger receptor CD36 protects against atherosclerotic lesion development in mice. Journal of Clinical Investigation, 2000, 105, 1049-1056.	8.2	861
5	Apolipoprotein E alleleâ€“specific antioxidant activity and effects on cytotoxicity by oxidative insults and Î²â€“amyloid peptides. Nature Genetics, 1996, 14, 55-61.	21.4	856
6	ApoE Promotes the Proteolytic Degradation of AÎ². Neuron, 2008, 58, 681-693.	8.1	779
7	Decreased atherosclerosis in mice deficient in both macrophage colony-stimulating factor (op) and apolipoprotein E.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 8264-8268.	7.1	611
8	Apolipoprotein A-I is a selective target for myeloperoxidase-catalyzed oxidation and functional impairment in subjects with cardiovascular disease. Journal of Clinical Investigation, 2004, 114, 529-541.	8.2	584
9	Multi-ethnic genome-wide association study for atrial fibrillation. Nature Genetics, 2018, 50, 1225-1233.	21.4	552
10	Meta-analysis identifies six new susceptibility loci for atrial fibrillation. Nature Genetics, 2012, 44, 670-675.	21.4	533
11	Common variants in KCNN3 are associated with lone atrial fibrillation. Nature Genetics, 2010, 42, 240-244.	21.4	438
12	Î³-Butyrobetaine Is a Proatherogenic Intermediate in Gut Microbial Metabolism of L-Carnitine to TMAO. Cell Metabolism, 2014, 20, 799-812.	16.2	416
13	Genome-wide association study of PR interval. Nature Genetics, 2010, 42, 153-159.	21.4	400
14	Apolipoprotein A-I is a selective target for myeloperoxidase-catalyzed oxidation and functional impairment in subjects with cardiovascular disease. Journal of Clinical Investigation, 2004, 114, 529-541.	8.2	333
15	T and B lymphocytes play a minor role in atherosclerotic plaque formation in the apolipoprotein E-deficientâ€‰mouse. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 4642-4646.	7.1	331
16	An abundant dysfunctional apolipoprotein A1 in human atheroma. Nature Medicine, 2014, 20, 193-203.	30.7	316
17	High-Density Lipoprotein Function, Dysfunction, and Reverse Cholesterol Transport. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 2813-2820.	2.4	304
18	Large-scale analyses of common and rare variants identify 12 new loci associated with atrial fibrillation. Nature Genetics, 2017, 49, 946-952.	21.4	279

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19	Paradoxical Association of Enhanced Cholesterol Efflux With Increased Incident Cardiovascular Risks. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 1696-1705.	2.4	269
20	Alcohol Consumption Raises HDL Cholesterol Levels by Increasing the Transport Rate of Apolipoproteins A-I and A-II. Circulation, 2000, 102, 2347-2352.	1.6	264
21	HDL-bound sphingosine 1-phosphate acts as a biased agonist for the endothelial cell receptor S1P ‹sub›1‹/sub› to limit vascular inflammation. Science Signaling, 2015, 8, ra79.	3.6	254
22	Common genetic variation in the promoter of the human apo CIII gene abolishes regulation by insulin and may contribute to hypertriglyceridemia.. Journal of Clinical Investigation, 1995, 96, 2601-2605.	8.2	248
23	Modification of High Density Lipoprotein by Myeloperoxidase Generates a Pro-inflammatory Particle. Journal of Biological Chemistry, 2009, 284, 30825-30835.	3.4	228
24	Cholesterol efflux to apolipoprotein AI involves endocytosis and resecretion in a calcium-dependent pathway. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 11358-11363.	7.1	227
25	Myeloperoxidase, paraoxonase-1, and HDL form a functional ternary complex. Journal of Clinical Investigation, 2013, 123, 3815-3828.	8.2	226
26	Consideration of Sex Differences in Design and Reporting of Experimental Arterial Pathology Studiesâ€"Statement From ATVB Council. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 292-303.	2.4	221
27	Lipidation of apolipoprotein E influences its isoform-specific interaction with Alzheimer's amyloid Î² peptides. Biochemical Journal, 2000, 348, 359-365.	3.7	219
28	The Cardioprotective Protein Apolipoprotein A1 Promotes Potent Anti-tumorigenic Effects. Journal of Biological Chemistry, 2013, 288, 21237-21252.	3.4	204
29	Adhesion of Monocytes to Arterial Endothelium and Initiation of Atherosclerosis Are Critically Dependent on Vascular Cell Adhesion Molecule-1 Gene Dosage. Arteriosclerosis, Thrombosis, and Vascular Biology, 2001, 21, 1662-1667.	2.4	198
30	The refined structure of nascent HDL reveals a key functional domain for particle maturation and dysfunction. Nature Structural and Molecular Biology, 2007, 14, 861-868.	8.2	189
31	Integrating Genetic, Transcriptional, and Functional Analyses to Identify 5 Novel Genes for Atrial Fibrillation. Circulation, 2014, 130, 1225-1235.	1.6	183
32	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. Journal of Biological Chemistry, 2005, 280, 38-47.	3.4	180
33	Ceramide as a Mediator of Non-Alcoholic Fatty Liver Disease and Associated Atherosclerosis. PLoS ONE, 2015, 10, e0126910.	2.5	165
34	Cyclic AMP Induces Apolipoprotein E Binding Activity and Promotes Cholesterol Efflux from a Macrophage Cell Line to Apolipoprotein Acceptors. Journal of Biological Chemistry, 1996, 271, 30647-30655.	3.4	161
35	Genetic Background Determines the Extent of Atherosclerosis in ApoE-Deficient Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 1999, 19, 1960-1968.	2.4	161
36	Biliary cholesterol excretion: A novel mechanism that regulates dietary cholesterol absorption. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 10194-10199.	7.1	160

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37	Sphingosine-1-Phosphate Receptor-2 Function in Myeloid Cells Regulates Vascular Inflammation and Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 81-85.	2.4	148
38	High-Density Lipoprotein and Atherosclerosis Regression. Circulation Research, 2014, 114, 205-213.	4.5	145
39	Association Between Titin Loss-of-Function Variants and Early-Onset Atrial Fibrillation. JAMA - Journal of the American Medical Association, 2018, 320, 2354.	7.4	144
40	Dysfunctional HDL as a Diagnostic and Therapeutic Target. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 151-155.	2.4	140
41	Independent Susceptibility Markers for Atrial Fibrillation on Chromosome 4q25. Circulation, 2010, 122, 976-984.	1.6	137
42	Apolipoprotein E Promotes Î²-Amyloid Trafficking and Degradation by Modulating Microglial Cholesterol Levels. Journal of Biological Chemistry, 2012, 287, 2032-2044.	3.4	136
43	Dysregulation of Cholesterol Homeostasis in Human Prostate Cancer through Loss of ABCA1. Cancer Research, 2013, 73, 1211-1218.	0.9	129
44	Novel Genetic Markers Associate With Atrial Fibrillation Risk in Europeans and Japanese. Journal of the American College of Cardiology, 2014, 63, 1200-1210.	2.8	127
45	Differential Effects of Apolipoprotein E Isoforms on Metal-Induced Aggregation of AÎ² Using Physiological Concentrationsâ€. Biochemistry, 1999, 38, 4595-4603.	2.5	125
46	Overexpression of apolipoprotein CII causes hypertriglyceridemia in transgenic mice.. Journal of Clinical Investigation, 1994, 93, 1683-1690.	8.2	125
47	17Î±-estradiol and 17Î²-estradiol treatments are effective in lowering cerebral amyloid-Î² levels in AÎ²PPSWE transgenic mice. Journal of Alzheimer's Disease, 2002, 4, 449-457.	2.6	124
48	Effects of Native and Myeloperoxidase-Modified Apolipoprotein A-I on Reverse Cholesterol Transport and Atherosclerosis in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 779-789.	2.4	120
49	ABCA1 and nascent HDL biogenesis. BioFactors, 2014, 40, 547-554.	5.4	120
50	Apolipoprotein E4: an allele associated with many diseases. Annals of Medicine, 2000, 32, 118-127.	3.8	119
51	Apolipoproteins and aging: emerging mechanisms. Ageing Research Reviews, 2002, 1, 345-365.	10.9	117
52	ABCA1 mediates concurrent cholesterol and phospholipid efflux to apolipoprotein A-I. Journal of Lipid Research, 2004, 45, 635-644.	4.2	117
53	SARS-CoV-2 and ACE2: The biology and clinical data settling the ARB and ACEI controversy. EBioMedicine, 2020, 58, 102907.	6.1	110
54	Combined hyperlipidemia in transgenic mice overexpressing human apolipoprotein Cl.. Journal of Clinical Investigation, 1996, 98, 846-855.	8.2	104

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55	Evaluation of the Role of Phosphatidylserine Translocase Activity in ABCA1-mediated Lipid Efflux. Journal of Biological Chemistry, 2002, 277, 17797-17803.	3.4	101
56	Scavenger Receptor-BI Inhibits ATP-binding Cassette Transporter 1- mediated Cholesterol Efflux in Macrophages. Journal of Biological Chemistry, 2000, 275, 30794-30800.	3.4	98
57	Characterization of the Binding of Amyloidâ€Î² Peptide to Cell Cultureâ€Derived Native Apolipoprotein E2, E3, and E4 Isoforms and to Isoforms from Human Plasma. Journal of Neurochemistry, 1997, 68, 721-725.	3.9	98
58	Function and Distribution of Apolipoprotein A1 in the Artery Wall Are Markedly Distinct From Those in Plasma. Circulation, 2013, 128, 1644-1655.	1.6	98
59	Left Atrial Transcriptional Changes Associated With Atrial Fibrillation Susceptibility and Persistence. Circulation: Arrhythmia and Electrophysiology, 2015, 8, 32-41.	4.8	97
60	The emergence of mouse models of atherosclerosis and their relevance to clinical research. Journal of Internal Medicine, 1997, 242, 99-109.	6.0	95
61	Thrombospondin-4 Regulates Vascular Inflammation and Atherogenesis. Circulation Research, 2010, 107, 1313-1325.	4.5	94
62	Apolipoprotein A-I Tryptophan Substitution Leads to Resistance to Myeloperoxidase-Mediated Loss of Function. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 2063-2070.	2.4	91
63	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.. Journal of Clinical Investigation, 1992, 89, 1796-1800.	8.2	85
64	A simple and sensitive enzymatic method for cholesterol quantification in macrophages and foam cells. Journal of Lipid Research, 2010, 51, 3364-3369.	4.2	84
65	Site-specific Nitration of Apolipoprotein A-I at Tyrosine 166 Is Both Abundant within Human Atherosclerotic Plaque and Dysfunctional. Journal of Biological Chemistry, 2014, 289, 10276-10292.	3.4	84
66	Lipidation of apolipoprotein E influences its isoform-specific interaction with Alzheimerâ€™s amyloid Î² peptides. Biochemical Journal, 2000, 348, 359.	3.7	78
67	In Silico Quantitative Trait Locus Map for Atherosclerosis Susceptibility in Apolipoprotein Eâ€“Deficient Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2003, 23, 117-122.	2.4	77
68	Cyclosporin A Traps ABCA1 at the Plasma Membrane and Inhibits ABCA1-Mediated Lipid Efflux to Apolipoprotein A-I. Arteriosclerosis, Thrombosis, and Vascular Biology, 2004, 24, 2155-2161.	2.4	77
69	A Phenotype-Sensitizing Apoe-Deficient Genetic Background Reveals Novel Atherosclerosis Predisposition Loci in the Mouse. Genetics, 2002, 160, 1599-1608.	2.9	77
70	Macrophage Phenotype in Mice Deficient in Both Macrophage-Colonyâ€“Stimulating Factor (Op) and Apolipoprotein E. Arteriosclerosis, Thrombosis, and Vascular Biology, 1998, 18, 631-640.	2.4	76
71	A Common Connexin-40 Gene Promoter Variant Affects Connexin-40 Expression in Human Atria and Is Associated With Atrial Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2011, 4, 87-93.	4.8	76
72	Protection of Extraribosomal RPL13a by GAPDH and Dysregulation by S-Nitrosylation. Molecular Cell, 2012, 47, 656-663.	9.7	74

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73	Supervised principal component analysis for gene set enrichment of microarray data with continuous or survival outcomes. Bioinformatics, 2008, 24, 2474-2481.	4.1	73
74	Alzheimer Amyloid-Î² Peptide Forms Denaturant-Resistant Complex with Type Îµ3 but Not Type Îµ4 Isoform of Native Apolipoprotein E. Molecular Medicine, 1996, 2, 175-180.	4.4	72
75	PR interval genome-wide association meta-analysis identifies 50 loci associated with atrial and atrioventricular electrical activity. Nature Communications, 2018, 9, 2904.	12.8	71
76	Changes in Whole Blood Gene Expression in Obese Subjects with Type 2 Diabetes Following Bariatric Surgery: a Pilot Study. PLoS ONE, 2011, 6, e16729.	2.5	70
77	MyD88-dependent interplay between myeloid and endothelial cells in the initiation and progression of obesity-associated inflammatory diseases. Journal of Experimental Medicine, 2014, 211, 887-907.	8.5	70
78	Akt3 Deficiency in Macrophages Promotes Foam Cell Formation and Atherosclerosis in Mice. Cell Metabolism, 2012, 15, 861-872.	16.2	69
79	Phospholipase C Î²3 deficiency leads to macrophage hypersensitivity to apoptotic induction and reduction of atherosclerosis in mice. Journal of Clinical Investigation, 2008, 118, 195-204.	8.2	69
80	Tyrosine Modification Is Not Required for Myeloperoxidase-induced Loss of Apolipoprotein A-I Functional Activities. Journal of Biological Chemistry, 2005, 280, 33775-33784.	3.4	68
81	Apo A-I inhibits foam cell formation in apo Eâ€“deficient mice after monocyte adherence to endothelium. Journal of Clinical Investigation, 1999, 104, 31-39.	8.2	68
82	Identification of cAMP analogue inducible genes in RAW264 macrophages. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2000, 1492, 385-394.	2.4	65
83	Glycation Reduces the Stability of ApoAI and Increases HDL Dysfunction in Diet-Controlled Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 388-396.	3.6	58
84	Homocysteine inhibits neoangiogenesis in mice through blockade of annexin A2â€“dependent fibrinolysis. Journal of Clinical Investigation, 2009, 119, 3384-94.	8.2	58
85	Dietary methionine effects on plasma homocysteine and HDL metabolism in mice. Journal of Nutritional Biochemistry, 2008, 19, 362-370.	4.2	57
86	Myeloperoxidase, inflammation, and dysfunctional high-density lipoprotein. Journal of Clinical Lipidology, 2010, 4, 382-388.	1.5	56
87	Atrial Fibrillation Associated Chromosome 4q25 Variants Are Not Associated with PITX2c Expression in Human Adult Left Atrial Appendages. PLoS ONE, 2014, 9, e86245.	2.5	56
88	The Upregulation of Integrin Î±DÎ²2 (CD11d/CD18) on Inflammatory Macrophages Promotes Macrophage Retention in Vascular Lesions and Development of Atherosclerosis. Journal of Immunology, 2017, 198, 4855-4867.	0.8	56
89	Whole Genome Expression Differences in Human Left and Right Atria Ascertained by RNA Sequencing. Circulation: Cardiovascular Genetics, 2012, 5, 327-335.	5.1	53
90	Identification of apolipoprotein D as a cardioprotective gene using a mouse model of lethal atherosclerotic coronary artery disease. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 17023-17028.	7.1	52

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91	Brain regionâ€specific upâ€regulation of mouse apolipoprotein E by pharmacological estrogen treatments. Journal of Neurochemistry, 2001, 79, 796-803.	3.9	50
92	PI(4,5)P2 Is Translocated by ABCA1 to the Cell Surface Where It Mediates Apolipoprotein A1 Binding and Nascent HDL Assembly. Circulation Research, 2016, 119, 827-838.	4.5	50
93	Metabolic and genetic determinants of HDL metabolism and hepatic lipase activity in normolipidemic females. Journal of Lipid Research, 1999, 40, 1211-1221.	4.2	50
94	PANCR, the PITX2 Adjacent Noncoding RNA, Is Expressed in Human Left Atria and Regulates PITX2c Expression. Circulation: Arrhythmia and Electrophysiology, 2016, 9, e003197.	4.8	49
95	The relationship between apolipoprotein E and serum oxidation-related variables is apolipoprotein E phenotype dependent. International Journal of Clinical and Laboratory Research, 1998, 28, 116-121.	1.0	48
96	Atherosclerosis Susceptibility Loci Identified From a Strain Intercross of Apolipoprotein Eâ€“Deficient Mice via a High-Density Genome Scan. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 597-603.	2.4	48
97	Diabetic HDL Is Dysfunctional in Stimulating Endothelial Cell Migration and Proliferation Due to Down Regulation of SR-BI Expression. PLoS ONE, 2012, 7, e48530.	2.5	47
98	Identification of the cAMP-Responsive Enhancer of the Murine ABCA1 Gene. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 527-533.	2.4	46
99	Sex Specific Gene Regulation and Expression QTLs in Mouse Macrophages from a Strain Intercross. PLoS ONE, 2008, 3, e1435.	2.5	44
100	The Critical Role of IL-1 Receptor-Associated Kinase 4-Mediated NF-ÎºB Activation in Modified Low-Density Lipoprotein-Induced Inflammatory Gene Expression and Atherosclerosis. Journal of Immunology, 2011, 186, 2871-2880.	0.8	44
101	Zymosan-mediated inflammation impairs in vivo reverse cholesterol transport. Journal of Lipid Research, 2011, 52, 951-957.	4.2	44
102	Genetic Control of Left Atrial Gene Expression Yields Insights into the Genetic Susceptibility for Atrial Fibrillation. Circulation Genomic and Precision Medicine, 2018, 11, e002107.	3.6	44
103	Weighted Gene Coexpression Network Analysis of Human Left Atrial Tissue Identifies Gene Modules Associated With Atrial Fibrillation. Circulation: Cardiovascular Genetics, 2013, 6, 362-371.	5.1	43
104	Quantitative Assay for Mouse Atherosclerosis in the Aortic Root. , 2006, 129, 83-96.		42
105	ABCA1 Mediates Unfolding of Apolipoprotein AI N Terminus on the Cell Surface Before Lipidation and Release of Nascent High-Density Lipoprotein. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 1197-1205.	2.4	42
106	Red Blood Cells Play a Role in Reverse Cholesterol Transport. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 1460-1465.	2.4	41
107	Apolipoprotein A-I and its mimetics for the treatment of atherosclerosis. Current Opinion in Investigational Drugs, 2010, 11, 989-96.	2.3	41
108	Lack of Mitogen-Activated Protein Kinase Phosphatase-1 Protects ApoE-Null Mice Against Atherosclerosis. Circulation Research, 2010, 106, 902-910.	4.5	40

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109	Fifteen Genetic Loci Associated With the Electrocardiographic P Wave. Circulation: Cardiovascular Genetics, 2017, 10, .	5.1	38
110	Reevaluation of the role of the multidrug-resistant P-glycoprotein in cellular cholesterol homeostasis. Journal of Lipid Research, 2006, 47, 51-58.	4.2	37
111	Fine-mapping, novel loci identification, and SNP association transferability in a genome-wide association study of QRS duration in African Americans. Human Molecular Genetics, 2016, 25, 4350-4368.	2.9	37
112	Direct Electrochemical Evaluation of Plasma Membrane Cholesterol in Live Mammalian Cells. Journal of the American Chemical Society, 2007, 129, 11352-11353.	13.7	36
113	Effect of Estradiol on Neuronal Swedish-Mutated Î²-Amyloid Precursor Protein Metabolism: Reversal by Astrocytic Cells. Biochemical and Biophysical Research Communications, 2000, 271, 82-85.	2.1	32
114	IL-1 induces mitochondrial translocation of IRAK2 to suppress oxidative metabolism in adipocytes. Nature Immunology, 2020, 21, 1219-1231.	14.5	32
115	² H ₂ O-Based High-Density Lipoprotein Turnover Method for the Assessment of Dynamic High-Density Lipoprotein Function in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 1994-2003.	2.4	31
116	Astrocytes down-regulate neuronal Î²-amyloid precursor protein expression and modify its processing in an apolipoprotein E isoform-specific manner. European Journal of Neuroscience, 2001, 14, 256-266.	2.6	30
117	ORMDL orosomucoid-like proteins are degraded by free-cholesterol-loadingâ€“induced autophagy. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 3728-3733.	7.1	30
118	Miltefosine increases macrophage cholesterol release and inhibits NLRP3-inflammasome assembly and IL-1Î² release. Scientific Reports, 2019, 9, 11128.	3.3	30
119	Genetic Susceptibility for Atrial Fibrillation in Patients Undergoing Atrial Fibrillation Ablation. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e007676.	4.8	30
120	Gasdermin D Mediates Inflammation-Induced Defects in Reverse Cholesterol Transport and Promotes Atherosclerosis. Frontiers in Cell and Developmental Biology, 2021, 9, 715211.	3.7	30
121	Safe and effective method for chronic 17beta-estradiol administration to mice. Contemporary Topics in Laboratory Animal Science, 2003, 42, 33-5.	0.2	30
122	Apolipoprotein A-I lysine modification: Effects on helical content, lipid binding and cholesterol acceptor activity. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2006, 1761, 64-72.	2.4	29
123	Sphingomyelin Depletion Impairs Anionic Phospholipid Inward Translocation and Induces Cholesterol Efflux. Journal of Biological Chemistry, 2013, 288, 37166-37179.	3.4	29
124	Ribosomal Protein L13a Deficiency in Macrophages Promotes Atherosclerosis by Limiting Translation Control-Dependent Retardation of Inflammation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 533-542.	2.4	28
125	Bariatric Surgery Improves HDL Function Examined by ApoA1 Exchange Rate and Cholesterol Efflux Capacity in Patients with Obesity and Type 2 Diabetes. Biomolecules, 2020, 10, 551.	4.0	27
126	Common Coding Variants in SCN10A Are Associated With the Nav1.8 Late Current and Cardiac Conduction. Circulation Genomic and Precision Medicine, 2018, 11, e001663.	3.6	26

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127	HDL flux is higher in patients with nonalcoholic fatty liver disease. American Journal of Physiology - Endocrinology and Metabolism, 2019, 317, E852-E862.	3.5	26
128	Physiological Difference in Autophagic Flux in Macrophages From 2 Mouse Strains Regulates Cholesterol Ester Metabolism. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 903-910.	2.4	24
129	Deficiency of LRP8 in mice is associated with altered platelet function and prolonged time for in vivo thrombosis. Thrombosis Research, 2009, 123, 644-652.	1.7	23
130	Ovariectomy of young mutant amyloid precursor protein transgenic mice leads to increased mortality. Journal of Molecular Neuroscience, 2002, 19, 163-166.	2.3	22
131	Letter to the Editor. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, e16-7.	2.4	22
132	IRAK2 directs stimulus-dependent nuclear export of inflammatory mRNAs. ELife, 2017, 6, .	6.0	22
133	Quantitative Trait Locus Mapping of Macrophage Cholesterol Metabolism and CRISPR/Cas9 Editing Implicate an ACAT1 Truncation as a Causal Modifier Variant. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 83-91.	2.4	22
134	Stably transfected ABCA1 antisense cell line has decreased ABCA1 mRNA and cAMP-induced cholesterol efflux to apolipoprotein AI and HDL. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2001, 1534, 121-128.	2.4	21
135	Moderately Decreased Cholesterol Absorption Rates Are Associated With a Large Atheroprotective Effect. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 1745-1750.	2.4	21
136	Uptake of high-density lipoprotein by scavenger receptor class B type 1 is associated with prostate cancer proliferation and tumor progression in mice. Journal of Biological Chemistry, 2020, 295, 8252-8261.	3.4	21
137	Transcriptome Analysis of Genes Regulated by Cholesterol Loading in Two Strains of Mouse Macrophages Associates Lysosome Pathway and ER Stress Response with Atherosclerosis Susceptibility. PLoS ONE, 2013, 8, e65003.	2.5	20
138	An Antiatherosclerotic Signaling Cascade Involving Intestinal Microbiota, MicroRNA-10b, and ABCA1/ABCG1-Mediated Reverse Cholesterol Transport. Circulation Research, 2012, 111, 948-950.	4.5	19
139	New Role for Histone Deacetylase 9 in Atherosclerosis and Inflammation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 1798-1799.	2.4	19
140	Insight Into ABCG1-Mediated Cholesterol Efflux. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 1198-1200.	2.4	18
141	Genome-wide studies of gene expression relevant to coronary artery disease. Current Opinion in Cardiology, 2012, 27, 210-213.	1.8	18
142	The low-resolution structure of nHDL reconstituted with DMPC with and without cholesterol reveals a mechanism for particle expansion. Journal of Lipid Research, 2013, 54, 966-983.	4.2	18
143	MBOAT7-driven phosphatidylinositol remodeling promotes the progression of clear cell renal carcinoma. Molecular Metabolism, 2020, 34, 136-145.	6.5	18
144	Apolipoprotein E deficiency effects on learning in mice are dependent upon the background strain. Behavioural Brain Research, 2001, 120, 23-34.	2.2	16

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145	Transcriptome profile of macrophages from atherosclerosis-sensitive and atherosclerosis-resistant mice. Mammalian Genome, 2006, 17, 220-229.	2.2	16
146	Geneticâ€Genomic Replication to Identify Candidate Mouse Atherosclerosis Modifier Genes. Journal of the American Heart Association, 2013, 2, e005421.	3.7	16
147	Acyl-Coenzyme A: Cholesterol Acyltransferase (ACAT) in Cholesterol Metabolism: From Its Discovery to Clinical Trials and the Genomics Era. Metabolites, 2021, 11, 543.	2.9	16
148	Atrial fibrillation rhythm is associated with marked changes in metabolic and myofibrillar protein expression in left atrial appendage. Pflugers Archiv European Journal of Physiology, 2021, 473, 461-475.	2.8	16
149	A Novel Folding Intermediate State for Apolipoprotein A-I: Role of the Amino and Carboxy Termini. Biophysical Journal, 2006, 90, 1362-1370.	0.5	15
150	Lack of a significant role of P-Rex1, a major regulator of macrophage Rac1 activation and chemotaxis, in atherogenesis. Prostaglandins and Other Lipid Mediators, 2008, 87, 9-13.	1.9	15
151	Proteome Dynamics Reveals Pro-Inflammatory Remodeling of Plasma Proteome in a Mouse Model of NAFLD. Journal of Proteome Research, 2016, 15, 3388-3404.	3.7	15
152	Gene-gene Interaction Analyses for Atrial Fibrillation. Scientific Reports, 2016, 6, 35371.	3.3	15
153	Genetic Interactions with Age, Sex, Body Mass Index, and Hypertension in Relation to Atrial Fibrillation: The AFGen Consortium. Scientific Reports, 2017, 7, 11303.	3.3	15
154	A1 adenosine receptor deficiency or inhibition reduces atherosclerotic lesions in apolipoprotein E deficient mice. Cardiovascular Research, 2014, 102, 157-165.	3.8	14
155	Genetic Modifiers of Atherosclerosis in Mice. Annals of the New York Academy of Sciences, 2001, 947, 247-253.	3.8	13
156	Genetic variant in 3â€™ untranslated region of the mouse pycard gene regulates inflammasome activity. ELife, 2021, 10, .	6.0	13
157	A Novel Cell-Free Fluorescent Assay for HDL Function: Low Apolipoprotein A1 Exchange Rate Associated with Increased Incident Cardiovascular Events. journal of applied laboratory medicine, The, 2020, 5, 544-557.	1.3	12
158	The murine macrophage apoB-48 receptor gene (Apob-48r)homology to the human receptor. Journal of Lipid Research, 2002, 43, 1181-1191.	4.2	12
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