Daniel J Rader

List of Publications by Year
in descending order

445	72,381	668 122	677 254
papers	citations	h-index	g-index

470	470	470	54456
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Intensive versus Moderate Lipid Lowering with Statins after Acute Coronary Syndromes. New England Journal of Medicine, 2004, 350, 1495-1504.	13.9	4,527
2	Biological, clinical and population relevance of 95 loci for blood lipids. Nature, 2010, 466, 707-713.	13.7	3,249
3	Discovery and refinement of loci associated with lipid levels. Nature Genetics, 2013, 45, 1274-1283.	9.4	2,641
4	A comprehensive 1000 Genomesâ€“based genome-wide association meta-analysis of coronary artery disease. Nature Genetics, 2015, 47, 1121-1130.	9.4	2,054
5	Plasma HDL cholesterol and risk of myocardial infarction: a mendelian randomisation study. Lancet, The, 2012, 380, 572-580.	6.3	1,937
6	Cholesterol Efflux Capacity, High-Density Lipoprotein Function, and Atherosclerosis. New England Journal of Medicine, 2011, 364, 127-135.	13.9	1,686
7	Large-scale association analysis identifies 13 new susceptibility loci for coronary artery disease. Nature Genetics, 2011, 43, 333-338.	9.4	1,685
8	A Common Variant on Chromosome 9p21 Affects the Risk of Myocardial Infarction. Science, 2007, 316, 1491-1493.	6.0	1,485
9	Large-scale association analysis identifies new risk loci for coronary artery disease. Nature Genetics, 2013, 45, 25-33.	9.4	1,439
10	From noncoding variant to phenotype via SORT1 at the 1p13 cholesterol locus. Nature, 2010, 466, 714-719.	13.7	1,018
11	Genome-wide association of early-onset myocardial infarction with single nucleotide polymorphisms and copy number variants. Nature Genetics, 2009, 41, 334-341.	9.4	990
12	New Insights Into the Regulation of HDL Metabolism and Reverse Cholesterol Transport. Circulation Research, 2005, 96, 1221-1232.	2.0	901
13	Cholesteryl Ester Transfer Protein. Arteriosclerosis, Thrombosis, and Vascular Biology, 2003, 23, 160-167.	1.1	780
14	Cholesterol Efflux and Atheroprotection. Circulation, 2012, 125, 1905-1919.	1.6	772
15	Common variants associated with plasma triglycerides and risk for coronary artery disease. Nature Genetics, 2013, 45, 1345-1352.	9.4	754
16	Effects of an Inhibitor of Cholesteryl Ester Transfer Protein on HDL Cholesterol. New England Journal of Medicine, 2004, 350, 1505-1515.	13.9	743
17	Diagnostic Yield and Clinical Utility of Sequencing Familial Hypercholesterolemia Genes in Patients With Severe Hypercholesterolemia. Journal of the American College of Cardiology, 2016, 67, 2578-2589.	1.2	723
18	Sequence variants affecting eosinophil numbers associate with asthma and myocardial infarction. Nature Genetics, 2009, 41, 342-347.	9.4	709

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19	Interleukin-6 receptor pathways in coronary heart disease: a collaborative meta-analysis of 82 studies. Lancet, The, 2012, 379, 1205-1213.	6.3	668
20	Genetic and Pharmacologic Inactivation of ANGPTL3 and Cardiovascular Disease. New England Journal of Medicine, 2017, 377, 211-221.	13.9	633
21	Efficacy and safety of a microsomal triglyceride transfer protein inhibitor in patients with homozygous familial hypercholesterolaemia: a single-arm, open-label, phase 3 study. Lancet, The, 2013, 381, 40-46.	6.3	624
22	Evacetrapib and Cardiovascular Outcomes in High-Risk Vascular Disease. New England Journal of Medicine, 2017, 376, 1933-1942.	13.9	593
23	Exome sequencing identifies rare LDLR and APOA5 alleles conferring risk for myocardial infarction. Nature, 2015, 518, 102-106.	13.7	581
24	A Protein-TruncatingHSD17B13Variant and Protection from Chronic Liver Disease. New England Journal of Medicine, 2018, 378, 1096-1106.	13.9	556
25	Multi-ethnic genome-wide association study for atrial fibrillation. Nature Genetics, 2018, 50, 1225-1233.	9.4	552
26	NARC-1/PCSK9 and Its Natural Mutants. Journal of Biological Chemistry, 2004, 279, 48865-48875.	1.6	544
27	HDL and cardiovascular disease. Lancet, The, 2014, 384, 618-625.	6.3	540
28	The Agenda for Familial Hypercholesterolemia. Circulation, 2015, 132, 2167-2192.	1.6	539
29	Inhibition of Microsomal Triglyceride Transfer Protein in Familial Hypercholesterolemia. New England Journal of Medicine, 2007, 356, 148-156.	13.9	504
30	Macrophage ABCA1 and ABCG1, but not SR-BI, promote macrophage reverse cholesterol transport in vivo. Journal of Clinical Investigation, 2007, 117, 2216-2224.	3.9	498
31	Genetics of blood lipids among ~300,000 multi-ethnic participants of the Million Veteran Program. Nature Genetics, 2018, 50, 1514-1523.	9.4	497
32	Vitamin E suppresses isoprostane generation in vivo and reduces atherosclerosis in ApoE-deficient mice. Nature Medicine, 1998, 4, 1189-1192.	15.2	496
33	The role of reverse cholesterol transport in animals and humans and relationship to atherosclerosis. Journal of Lipid Research, 2009, 50, S189-S194.	2.0	488
34	Macrophage Reverse Cholesterol Transport. Circulation, 2006, 113, 2548-2555.	1.6	485
35	Molecular regulation of HDL metabolism and function: implications for novel therapies. Journal of Clinical Investigation, 2006, 116, 3090-3100.	3.9	480
36	Cloning and gene defects in microsomal triglyceride transfer protein associated with abetalipoproteinaemia. Nature, 1993, 365, 65-69.	13.7	472

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37	Exome-wide association study of plasma lipids in >300,000 individuals. Nature Genetics, 2017, 49, 1758-1766.	9.4	470
38	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
39	A novel endothelial-derived lipase that modulates HDL metabolism. Nature Genetics, 1999, 21, 424-428.	9.4	461
40	Discovery of 318 new risk loci for type 2 diabetes and related vascular outcomes among 1.4 million participants in a multi-ancestry meta-analysis. Nature Genetics, 2020, 52, 680-691.	9.4	445
41	Rare variant in scavenger receptor BI raises HDL cholesterol and increases risk of coronary heart disease. Science, 2016, 351, 1166-1171.	6.0	438
42	Translating molecular discoveries into new therapies for atherosclerosis. Nature, 2008, 451, 904-913.	13.7	436
43	Coding Variation inANGPTL4,LPL,andSVEP1and the Risk of Coronary Disease. New England Journal of Medicine, 2016, 374, 1134-1144.	13.9	427
44	The Metabolic Syndrome. Circulation, 2003, 108, 1546-1551.	1.6	422
45	Monogenic hypercholesterolemia: new insights in pathogenesis and treatment. Journal of Clinical Investigation, 2003, 111, 1795-1803.	3.9	421
46	Overexpression of Apolipoprotein A-I Promotes Reverse Transport of Cholesterol From Macrophages to Feces In Vivo. Circulation, 2003, 108, 661-663.	1.6	403
47	COX-2-Derived Prostacyclin Confers Atheroprotection on Female Mice. Science, 2004, 306, 1954-1957.	6.0	403
48	Association of HDL cholesterol efflux capacity with incident coronary heart disease events: a prospective case-control study. Lancet Diabetes and Endocrinology,the, 2015, 3, 507-513.	5.5	389
49	Clinical Genetic Testing for FamilialÂHypercholesterolemia. Journal of the American College of Cardiology, 2018, 72, 662-680.	1.2	387
50	Inactivating Mutations in NPC1L1 and Protection from Coronary Heart Disease. New England Journal of Medicine, 2014, 371, 2072-2082.	13.9	386
51	Genetic Variants Influencing Circulating Lipid Levels and Risk of Coronary Artery Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 2264-2276.	1.1	369
52	Regression of Atherosclerosis Induced by Liver-Directed Gene Transfer of Apolipoprotein A-I in Mice. Circulation, 1999, 100, 1816-1822.	1.6	352
53	The Ability to Promote Efflux Via ABCA1 Determines the Capacity of Serum Specimens With Similar High-Density Lipoprotein Cholesterol to Remove Cholesterol From Macrophages. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 796-801.	1.1	348
54	ANGPTL3 Deficiency and Protection Against Coronary Artery Disease. Journal of the American College of Cardiology, 2017, 69, 2054-2063.	1.2	348

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55	Genome-wide association study of alcohol consumption and use disorder in 274,424 individuals from multiple populations. Nature Communications, 2019, 10, 1499.	5.8	346
56	Pharmacological Activation of Liver X Receptors Promotes Reverse Cholesterol Transport In Vivo. Circulation, 2006, 113, 90-97.	1.6	344
57	A variant of the gene encoding leukotriene A4 hydrolase confers ethnicity-specific risk of myocardial infarction. Nature Genetics, 2006, 38, 68-74.	9.4	339
58	NHLBI Working Group Recommendations to Reduce Lipoprotein(a)-Mediated RiskÂofÂCardiovascular Disease and AorticÂStenosis. Journal of the American College of Cardiology, 2018, 71, 177-192.	1.2	337
59	Seasonal human coronavirus antibodies are boosted upon SARS-CoV-2 infection but not associated with protection. Cell, 2021, 184, 1858-1864.e10.	13.5	332
60	The 5-lipoxygenase pathway promotes pathogenesis of hyperlipidemia-dependent aortic aneurysm. Nature Medicine, 2004, 10, 966-973.	15.2	318
61	Gene Transfer and Hepatic Overexpression of the HDL Receptor SR-BI Reduces Atherosclerosis in the Cholesterol-Fed LDL Receptorâ€“Deficient Mouse. Arteriosclerosis, Thrombosis, and Vascular Biology, 2000, 20, 721-727.	1.1	317
62	Shared Genetic Susceptibility to Ischemic Stroke and Coronary Artery Disease. Stroke, 2014, 45, 24-36.	1.0	302
63	Human knockouts and phenotypic analysis in a cohort with a high rate of consanguinity. Nature, 2017, 544, 235-239.	13.7	292
64	Genome-Wide Association Study of Coronary Heart Disease and Its Risk Factors in 8,090 African Americans: The NHLBI CARe Project. PLoS Genetics, 2011, 7, e1001300.	1.5	290
65	Association of Low-Frequency and Rare Coding-Sequence Variants with Blood Lipids and Coronary Heart Disease in 56,000 Whites and Blacks. American Journal of Human Genetics, 2014, 94, 223-232.	2.6	287
66	Characterization of the lipolytic activity of endothelial lipase. Journal of Lipid Research, 2002, 43, 921-929.	2.0	277
67	High-density lipoproteins: A consensus statement from the National Lipid Association. Journal of Clinical Lipidology, 2013, 7, 484-525.	0.6	276
68	Hepatic expression of scavenger receptor class B type I (SR-BI) is a positive regulator of macrophage reverse cholesterol transport in vivo. Journal of Clinical Investigation, 2005, 115, 2870-2874.	3.9	269
69	Increased Formation of Distinct F ₂ Isoprostanes in Hypercholesterolemia. Circulation, 1998, 98, 2822-2828.	1.6	266
70	Safety, pharmacokinetics, and pharmacodynamics of oral apoA-I mimetic peptide D-4F in high-risk cardiovascular patients. Journal of Lipid Research, 2008, 49, 1344-1352.	2.0	266
71	The adhesion receptor CD44 promotes atherosclerosis by mediating inflammatory cell recruitment and vascular cell activation. Journal of Clinical Investigation, 2001, 108, 1031-1040.	3.9	264
72	Fifteen new risk loci for coronary artery disease highlight arterial-wall-specific mechanisms. Nature Genetics, 2017, 49, 1113-1119.	9.4	260

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73	Effect of Insulin Resistance, Dyslipidemia, and Intra-abdominal Adiposity on the Development of Cardiovascular Disease and Diabetes Mellitus. American Journal of Medicine, 2007, 120, S12-S18.	0.6	254
74	Is it time to revise the HDL cholesterol hypothesis?. Nature Medicine, 2012, 18, 1344-1346.	15.2	241
75	Characterization of the lipolytic activity of endothelial lipase. Journal of Lipid Research, 2002, 43, 921-9.	2.0	234
76	Inflammatory Markers of Coronary Risk. New England Journal of Medicine, 2000, 343, 1179-1182.	13.9	232
77	Beyond High-Density Lipoprotein Cholesterol Levels. Journal of the American College of Cardiology, 2008, 51, 2199-2211.	1.2	231
78	Lipolysis of triglyceride-rich lipoproteins generates PPAR ligands: Evidence for an antiinflammatory role for lipoprotein lipase. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 2730-2735.	3.3	229
79	Effects of Cholesteryl Ester Transfer Protein Inhibition on High-Density Lipoprotein Subspecies, Apolipoprotein A-I Metabolism, and Fecal Sterol Excretion. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 1057-1064.	1.1	228
80	Large-Scale Gene-Centric Meta-analysis across 32 Studies Identifies Multiple Lipid Loci. American Journal of Human Genetics, 2012, 91, 823-838.	2.6	227
81	Absence of 12/15-Lipoxygenase Expression Decreases Lipid Peroxidation and Atherogenesis in Apolipoprotein Eâ€“Deficient Mice. Circulation, 2001, 103, 2277-2282.	1.6	225
82	Monogenic hypercholesterolemia: new insights in pathogenesis and treatment. Journal of Clinical Investigation, 2003, 111, 1795-1803.	3.9	225
83	Lomitapide and Mipomersen. Circulation, 2014, 129, 1022-1032.	1.6	223
84	Determining hepatic triglyceride production in mice: comparison of poloxamer 407 with Triton WR-1339. Journal of Lipid Research, 2005, 46, 2023-2028.	2.0	220
85	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
86	Systematic Evaluation of Pleiotropy Identifies 6 Further Loci Associated WithÂCoronary ArteryÂDisease. Journal of the American College of Cardiology, 2017, 69, 823-836.	1.2	214
87	Trials and Tribulations of CETP Inhibitors. Circulation Research, 2018, 122, 106-112.	2.0	210
88	Guggulipid for the Treatment of Hypercholesterolemia. JAMA - Journal of the American Medical Association, 2003, 290, 765.	3.8	205
89	Inhibition of endothelial lipase causes increased HDL cholesterol levels in vivo. Journal of Clinical Investigation, 2003, 111, 357-362.	3.9	197
90	Sortilin mediates vascular calcification via its recruitment into extracellular vesicles. Journal of Clinical Investigation, 2016, 126, 1323-1336.	3.9	196

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91	Hepatic sortilin regulates both apolipoprotein B secretion and LDL catabolism. Journal of Clinical Investigation, 2012, 122, 2807-2816.	3.9	190
92	Quantitation of Plasma Apolipoproteins in the Primary and Secondary Prevention of Coronary Artery Disease. Annals of Internal Medicine, 1994, 120, 1012.	2.0	187
93	Genome-wide association study identifies a sequence variant within the DAB2IP gene conferring susceptibility to abdominal aortic aneurysm. Nature Genetics, 2010, 42, 692-697.	9.4	181
94	Cholesterol Efflux Capacity, High-Density Lipoprotein Particle Number, and Incident Cardiovascular Events. Circulation, 2017, 135, 2494-2504.	1.6	180
95	Genome-wide association study of peripheral artery disease in the Million Veteran Program. Nature Medicine, 2019, 25, 1274-1279.	15.2	177
96	Whole-genome sequencing reveals host factors underlying critical COVID-19. Nature, 2022, 607, 97-103.	13.7	174
97	Cholesterol ester transfer protein inhibition by TA-8995 in patients with mild dyslipidaemia (TULIP): a randomised, double-blind, placebo-controlled phase 2 trial. Lancet, The, 2015, 386, 452-460.	6.3	173
98	Update on strategies to increase HDL quantity and function. Nature Reviews Cardiology, 2009, 6, 455-463.	6.1	172
99	Treatment Gaps in Adults With Heterozygous Familial Hypercholesterolemia in the United States. Circulation: Cardiovascular Genetics, 2016, 9, 240-249.	5.1	170
100	Regulation of reverse cholesterol transport and clinical implications. American Journal of Cardiology, 2003, 92, 42-49.	0.7	168
101	Increased Atherosclerosis in Mice Lacking Apolipoprotein A-I Attributable to Both Impaired Reverse Cholesterol Transport and Increased Inflammation. Circulation Research, 2005, 97, 763-771.	2.0	165
102	Laboratory Assessment of HDL Heterogeneity and Function. Clinical Chemistry, 2008, 54, 788-800.	1.5	164
103	Loss-of-function variants in endothelial lipase are a cause of elevated HDL cholesterol in humans. Journal of Clinical Investigation, 2009, 119, 1042-50.	3.9	162
104	Effects of Pioglitazone on Lipoproteins, Inflammatory Markers, and Adipokines in Nondiabetic Patients with Metabolic Syndrome. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 182-188.	1.1	160
105	Cardiovascular Protection by ApoE and ApoE-HDL Linked to Suppression of ECM Gene Expression and Arterial Stiffening. Cell Reports, 2012, 2, 1259-1271.	2.9	159
106	Genome-wide association analysis of venous thromboembolism identifies new risk loci and genetic overlap with arterial vascular disease. Nature Genetics, 2019, 51, 1574-1579.	9.4	152
107	Overexpression of Secretory Phospholipase A2 Causes Rapid Catabolism and Altered Tissue Uptake of High Density Lipoprotein Cholesteryl Ester and Apolipoprotein A-I. Journal of Biological Chemistry, 2000, 275, 10077-10084.	1.6	149
108	Macrophage Sortilin Promotes LDL Uptake, Foam Cell Formation, and Atherosclerosis. Circulation Research, 2015, 116, 789-796.	2.0	149

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109	CXCL16 Is a Marker of Inflammation, Atherosclerosis, and Acute Coronary Syndromes in Humans. Journal of the American College of Cardiology, 2007, 49, 442-449.	1.2	148
110	Endothelial Lipase Concentrations Are Increased in Metabolic Syndrome and Associated with Coronary Atherosclerosis. PLoS Medicine, 2005, 3, e22.	3.9	147
111	Longitudinal Evaluation and Assessment of Cardiovascular Disease in Patients With Homozygous Familial Hypercholesterolemia. American Journal of Cardiology, 2008, 102, 1438-1443.	0.7	146
112	Angptl3 Deficiency Is Associated With Increased Insulin Sensitivity, Lipoprotein Lipase Activity, and Decreased Serum Free Fatty Acids. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 1706-1713.	1.1	141
113	Hepatic overexpression of microsomal triglyceride transfer protein (MTP) results in increased in vivo secretion of VLDL triglycerides and apolipoprotein B. Journal of Lipid Research, 1999, 40, 2134-2139.	2.0	139
114	Large, Diverse Population Cohorts of hiPSCs and Derived Hepatocyte-like Cells Reveal Functional Genetic Variation at Blood Lipid-Associated Loci. Cell Stem Cell, 2017, 20, 558-570.e10.	5.2	138
115	Cascade Screening for Familial Hypercholesterolemia and the Use of Genetic Testing. JAMA - Journal of the American Medical Association, 2017, 318, 381.	3.8	138
116	Effects of Rosiglitazone on Lipids, Adipokines, and Inflammatory Markers in Nondiabetic Patients With Low High-Density Lipoprotein Cholesterol and Metabolic Syndrome. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 624-630.	1.1	137
117	Novel HDL-directed pharmacotherapeutic strategies. Nature Reviews Cardiology, 2011, 8, 266-277.	6.1	136
118	Expression of Cholesteryl Ester Transfer Protein in Mice Promotes Macrophage Reverse Cholesterol Transport. Circulation, 2007, 116, 1267-1273.	1.6	135
119	Identification of Genetic Variants in Endothelial Lipase in Persons With Elevated High-Density Lipoprotein Cholesterol. Circulation, 2002, 106, 1321-1326.	1.6	130
120	Dose-Dependent Acceleration of High-Density Lipoprotein Catabolism by Endothelial Lipase. Circulation, 2003, 108, 2121-2126.	1.6	130
121	Sequencing of 640,000 exomes identifies GPR75 variants associated with protection from obesity. Science, 2021, 373, .	6.0	130
122	Obesity and Atherogenic Dyslipidemia. Gastroenterology, 2007, 132, 2181-2190.	0.6	129
123	Treatment of patients with cardiovascular disease with L-4F, an apo-A1 mimetic, did not improve select biomarkers of HDL function. Journal of Lipid Research, 2011, 52, 361-373.	2.0	129
124	Clinical and Laboratory Findings in the Oculocerebrorenal Syndrome of Lowe, with Special Reference to Growth and Renal Function. New England Journal of Medicine, 1991, 324, 1318-1325.	13.9	127
125	Trib1 is a lipid- and myocardial infarctionâ€“associated gene that regulates hepatic lipogenesis and VLDL production in mice. Journal of Clinical Investigation, 2010, 120, 4410-4414.	3.9	127
126	Lipoproteins, macrophage function, and atherosclerosis: Beyond the foam cell?. Cell Metabolism, 2005, 1, 223-230.	7.2	125

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127	Illuminating HDL â€" Is It Still a Viable Therapeutic Target?. New England Journal of Medicine, 2007, 357, 2180-2183.	13.9	121
128	SARS-CoV-2 seroprevalence among parturient women in Philadelphia. Science Immunology, 2020, 5, .	5.6	121
129	Hepatic metal ion transporter ZIP8 regulates manganese homeostasis and manganese-dependent enzyme activity. Journal of Clinical Investigation, 2017, 127, 2407-2417.	3.9	121
130	Human Secretory Phospholipase A2Mediates Decreased Plasma Levels of HDL Cholesterol and ApoA-I in Response to Inflammation in Human ApoA-I Transgenic Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2002, 22, 1213-1218.	1.1	117
131	Hepatic Proprotein Convertases Modulate HDL Metabolism. Cell Metabolism, 2007, 6, 129-136.	7.2	117
132	Endothelial Cells Secrete Triglyceride Lipase and Phospholipase Activities in Response to Cytokines as a Result of Endothelial Lipase. Circulation Research, 2003, 92, 644-650.	2.0	115
133	Secretory Phospholipase A2-IIA and Cardiovascular Disease. Journal of the American College of Cardiology, 2013, 62, 1966-1976.	1.2	115
134	High-density lipoproteins and atherosclerosis. American Journal of Cardiology, 2002, 90, 62-70.	0.7	110
135	Tissue-Specific Liver X Receptor Activation Promotes Macrophage Reverse Cholesterol Transport In Vivo. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 781-786.	1.1	107
136	The Anti-Oxidative Capacity of High-Density Lipoprotein Is Reduced in Acute Coronary Syndrome But Not in Stable Coronary Artery Disease. Journal of the American College of Cardiology, 2011, 58, 2068-2075.	1.2	105
137	Cholesterol Efflux Capacity and Pre-Beta-1 HDL Concentrations Are Increased in Dyslipidemic Patients Treated With Evacetrapib. Journal of the American College of Cardiology, 2015, 66, 2201-2210.	1.2	105
138	Molecular regulation of macrophage reverse cholesterol transport. Current Opinion in Cardiology, 2007, 22, 368-372.	0.8	104
139	The Influence of Pravastatin and Atorvastatin on Markers of Oxidative Stress in Hypercholesterolemic Humans. Journal of the American College of Cardiology, 2008, 51, 1653-1662.	1.2	104
140	Rapid Regression of Atherosclerosis Induced by Liver-Directed Gene Transfer of ApoE in ApoE-Deficient Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 1999, 19, 2162-2170.	1.1	103
141	Endogenously Produced Endothelial Lipase Enhances Binding and Cellular Processing of Plasma Lipoproteins via Heparan Sulfate Proteoglycan-mediated Pathway. Journal of Biological Chemistry, 2003, 278, 34331-34338.	1.6	103
142	Loss of Function of GALNT2 Lowers High-Density Lipoproteins in Humans, Nonhuman Primates, and Rodents. Cell Metabolism, 2016, 24, 234-245.	7.2	103
143	Niacin Lipid Efficacy Is Independent of Both the Niacin Receptor GPR109A and Free Fatty Acid Suppression. Science Translational Medicine, 2012, 4, 148ra115.	5.8	102
144	Update on the Role of Endothelial Lipase in High-Density Lipoprotein Metabolism, Reverse Cholesterol Transport, and Atherosclerosis. Circulation Journal, 2010, 74, 2263-2270.	0.7	100

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145	A systematic study of modulation of ADAM-mediated ectodomain shedding by site-specific O-glycosylation. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 14623-14628.	3.3	98
146	Genomics-First Evaluation of Heart Disease Associated With Titin-Truncating Variants. Circulation, 2019, 140, 42-54.	1.6	97
147	Genome-wide analysis provides genetic evidence that ACE2 influences COVID-19 risk and yields risk scores associated with severe disease. Nature Genetics, 2022, 54, 382-392.	9.4	97
148	Activation of ER stress and mTORC1 suppresses hepatic sortilin-1 levels in obese mice. Journal of Clinical Investigation, 2012, 122, 1677-1687.	3.9	96
149	Emerging Therapies Targeting High-Density Lipoprotein Metabolism and Reverse Cholesterol Transport. Circulation, 2006, 113, 1140-1150.	1.6	93
150	Future Therapeutic Directions in Reverse Cholesterol Transport. Current Atherosclerosis Reports, 2010, 12, 73-81.	2.0	93
151	Safety and effectiveness of Niaspan when added sequentially to a statin for treatment of dyslipidemia. American Journal of Cardiology, 2001, 87, 476-479.	0.7	92
152	A Drug Screen using Human iPSC-Derived Hepatocyte-like Cells Reveals Cardiac Glycosides as a Potential Treatment for Hypercholesterolemia. Cell Stem Cell, 2017, 20, 478-489.e5.	5.2	92
153	Proprotein Covertases Are Responsible for Proteolysis and Inactivation of Endothelial Lipase. Journal of Biological Chemistry, 2005, 280, 36551-36559.	1.6	91
154	Apolipoprotein A-I Deficiency Results in Markedly Increased Atherosclerosis in Mice Lacking the LDL Receptor. Arteriosclerosis, Thrombosis, and Vascular Biology, 2003, 23, 1914-1920.	1.1	90
155	Endothelial lipase colon; a new member of the triglyceride lipase gene family. Current Opinion in Lipidology, 2000, 11, 141-147.	1.2	89
156	Effects of nonstatin lipid drug therapy on high-density lipoprotein metabolism. American Journal of Cardiology, 2003, 91, 18-23.	0.7	89
157	A human APOC3 missense variant and monoclonal antibody accelerate apoC-III clearance and lower triglyceride-rich lipoprotein levels. Nature Medicine, 2017, 23, 1086-1094.	15.2	88
158	Lecithin: Cholesterol Acyltransferase Expression Has Minimal Effects on Macrophage Reverse Cholesterol Transport In Vivo. Circulation, 2009, 120, 160-169.	1.6	87
159	Exome Sequencing and Directed Clinical Phenotyping Diagnose Cholesterol Ester Storage Disease Presenting as Autosomal Recessive Hypercholesterolemia. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 2909-2914.	1.1	87
160	HDL Cholesterol Metabolism and the Risk of CHD: New Insights from Human Genetics. Current Cardiology Reports, 2017, 19, 132.	1.3	85
161	High-Density Lipoprotein Hydrolysis by Endothelial Lipase Activates PPARÎ±. Circulation Research, 2006, 98, 490-498.	2.0	84
162	Tribbles-1 regulates hepatic lipogenesis through posttranscriptional regulation of C/EBPÎ±. Journal of Clinical Investigation, 2015, 125, 3809-3818.	3.9	84

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163	High-Density Lipoprotein (HDL) Phospholipid Content and Cholesterol Efflux Capacity Are Reduced in Patients With Very High HDL Cholesterol and Coronary Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 1515-1519.	1.1	83
164	The triglycerideâ€“high-density lipoprotein axis: An important target of therapy?. American Heart Journal, 2004, 148, 211-221.	1.2	82
165	Genetic-Variation-Driven Gene-Expression Changes Highlight Genes with Important Functions for Kidney Disease. American Journal of Human Genetics, 2017, 100, 940-953.	2.6	81
166	Role of angiopoietin-like 3 (ANGPTL3) in regulating plasma level of low-density lipoprotein cholesterol. Atherosclerosis, 2018, 268, 196-206.	0.4	81
167	Knockdown of Acyl-CoA:diacylglycerol acyltransferase 2 with antisense oligonucleotide reduces VLDL TG and ApoB secretion in mice. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2008, 1781, 97-104.	1.2	79
168	Short-term overexpression of DGAT1 or DGAT2 increases hepatic triglyceride but not VLDL triglyceride or apoB production. Journal of Lipid Research, 2006, 47, 2297-2305.	2.0	78
169	Genetic Architecture of Abdominal Aortic Aneurysm in the Million Veteran Program. Circulation, 2020, 142, 1633-1646.	1.6	78
170	Lipases and HDL metabolism. Trends in Endocrinology and Metabolism, 2002, 13, 174-178.	3.1	77
171	Sortilin and lipoprotein metabolism. Current Opinion in Lipidology, 2014, 25, 350-357.	1.2	76
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