

Daniel J Rader

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424
papers

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114
h-index

232
g-index

470
ext. papers

65,996
ext. citations

14.2
avg, IF

7.45
L-index

#	Paper	IF	Citations
4 ²⁴	Intensive versus moderate lipid lowering with statins after acute coronary syndromes. <i>New England Journal of Medicine</i> , 2004 , 350, 1495-504	59.2	3769
4 ²³	Biological, clinical and population relevance of 95 loci for blood lipids. <i>Nature</i> , 2010 , 466, 707-13	50.4	2742
4 ²²	Discovery and refinement of loci associated with lipid levels. <i>Nature Genetics</i> , 2013 , 45, 1274-1283	36.3	1904
4 ²¹	Plasma HDL cholesterol and risk of myocardial infarction: a mendelian randomisation study. <i>Lancet, The</i> , 2012 , 380, 572-80	40	1523
4 ²⁰	Cholesterol efflux capacity, high-density lipoprotein function, and atherosclerosis. <i>New England Journal of Medicine</i> , 2011 , 364, 127-35	59.2	1403
4 ¹⁹	Large-scale association analysis identifies 13 new susceptibility loci for coronary artery disease. <i>Nature Genetics</i> , 2011 , 43, 333-8	36.3	1394
4 ¹⁸	A common variant on chromosome 9p21 affects the risk of myocardial infarction. <i>Science</i> , 2007 , 316, 1491-3	33.3	1322
4 ¹⁷	A comprehensive 1,000 Genomes-based genome-wide association meta-analysis of coronary artery disease. <i>Nature Genetics</i> , 2015 , 47, 1121-1130	36.3	1290
4 ¹⁶	Large-scale association analysis identifies new risk loci for coronary artery disease. <i>Nature Genetics</i> , 2013 , 45, 25-33	36.3	1172
4 ¹⁵	Genome-wide association of early-onset myocardial infarction with single nucleotide polymorphisms and copy number variants. <i>Nature Genetics</i> , 2009 , 41, 334-41	36.3	884
4 ¹⁴	From noncoding variant to phenotype via SORT1 at the 1p13 cholesterol locus. <i>Nature</i> , 2010 , 466, 714-9	50.4	820
4 ¹³	New insights into the regulation of HDL metabolism and reverse cholesterol transport. <i>Circulation Research</i> , 2005 , 96, 1221-32	15.7	787
4 ¹²	Cholesteryl ester transfer protein: a novel target for raising HDL and inhibiting atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003 , 23, 160-7	9.4	657
4 ¹¹	Effects of an inhibitor of cholesteryl ester transfer protein on HDL cholesterol. <i>New England Journal of Medicine</i> , 2004 , 350, 1505-15	59.2	645
4 ¹⁰	Sequence variants affecting eosinophil numbers associate with asthma and myocardial infarction. <i>Nature Genetics</i> , 2009 , 41, 342-7	36.3	627
4 ⁰⁹	Cholesterol efflux and atheroprotection: advancing the concept of reverse cholesterol transport. <i>Circulation</i> , 2012 , 125, 1905-19	16.7	614
4 ⁰⁸	Common variants associated with plasma triglycerides and risk for coronary artery disease. <i>Nature Genetics</i> , 2013 , 45, 1345-52	36.3	597

407	Interleukin-6 receptor pathways in coronary heart disease: a collaborative meta-analysis of 82 studies. <i>Lancet, The</i> , 2012 , 379, 1205-13	40	522
406	Efficacy and safety of a microsomal triglyceride transfer protein inhibitor in patients with homozygous familial hypercholesterolaemia: a single-arm, open-label, phase 3 study. <i>Lancet, The</i> , 2013 , 381, 40-6	40	480
405	NARC-1/PCSK9 and its natural mutants: zymogen cleavage and effects on the low density lipoprotein (LDL) receptor and LDL cholesterol. <i>Journal of Biological Chemistry</i> , 2004 , 279, 48865-75	5.4	466
404	Exome sequencing identifies rare LDLR and APOA5 alleles conferring risk for myocardial infarction. <i>Nature</i> , 2015 , 518, 102-6	50.4	463
403	Diagnostic Yield and Clinical Utility of Sequencing Familial Hypercholesterolemia Genes in Patients With Severe Hypercholesterolemia. <i>Journal of the American College of Cardiology</i> , 2016 , 67, 2578-89	15.1	458
402	Vitamin E suppresses isoprostane generation in vivo and reduces atherosclerosis in ApoE-deficient mice. <i>Nature Medicine</i> , 1998 , 4, 1189-92	50.5	449
401	Macrophage ABCA1 and ABCG1, but not SR-BI, promote macrophage reverse cholesterol transport in vivo. <i>Journal of Clinical Investigation</i> , 2007 , 117, 2216-24	15.9	443
400	Inhibition of microsomal triglyceride transfer protein in familial hypercholesterolemia. <i>New England Journal of Medicine</i> , 2007 , 356, 148-56	59.2	438
399	A novel endothelial-derived lipase that modulates HDL metabolism. <i>Nature Genetics</i> , 1999 , 21, 424-8	36.3	424
398	Cloning and gene defects in microsomal triglyceride transfer protein associated with abetalipoproteinaemia. <i>Nature</i> , 1993 , 365, 65-9	50.4	423
397	Genetic and Pharmacologic Inactivation of ANGPTL3 and Cardiovascular Disease. <i>New England Journal of Medicine</i> , 2017 , 377, 211-221	59.2	416
396	The role of reverse cholesterol transport in animals and humans and relationship to atherosclerosis. <i>Journal of Lipid Research</i> , 2009 , 50 Suppl, S189-94	6.3	415
395	Macrophage reverse cholesterol transport: key to the regression of atherosclerosis?. <i>Circulation</i> , 2006 , 113, 2548-55	16.7	414
394	Molecular regulation of HDL metabolism and function: implications for novel therapies. <i>Journal of Clinical Investigation</i> , 2006 , 116, 3090-100	15.9	414
393	Evacetrapib and Cardiovascular Outcomes in High-Risk Vascular Disease. <i>New England Journal of Medicine</i> , 2017 , 376, 1933-1942	59.2	406
392	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. <i>Lancet, The</i> , 2011 , 377, 383-92	40	399
391	HDL and cardiovascular disease. <i>Lancet, The</i> , 2014 , 384, 618-625	40	389
390	The Agenda for Familial Hypercholesterolemia: A Scientific Statement From the American Heart Association. <i>Circulation</i> , 2015 , 132, 2167-92	16.7	377

389	Translating molecular discoveries into new therapies for atherosclerosis. <i>Nature</i> , 2008 , 451, 904-13	50.4	367
388	Monogenic hypercholesterolemia: new insights in pathogenesis and treatment. <i>Journal of Clinical Investigation</i> , 2003 , 111, 1795-1803	15.9	366
387	The metabolic syndrome: more than the sum of its parts?. <i>Circulation</i> , 2003 , 108, 1546-51	16.7	361
386	Overexpression of apolipoprotein A-I promotes reverse transport of cholesterol from macrophages to feces in vivo. <i>Circulation</i> , 2003 , 108, 661-3	16.7	358
385	COX-2-derived prostacyclin confers atheroprotection on female mice. <i>Science</i> , 2004 , 306, 1954-7	33.3	356
384	A Protein-Truncating HSD17B13 Variant and Protection from Chronic Liver Disease. <i>New England Journal of Medicine</i> , 2018 , 378, 1096-1106	59.2	350
383	Rare variant in scavenger receptor BI raises HDL cholesterol and increases risk of coronary heart disease. <i>Science</i> , 2016 , 351, 1166-71	33.3	325
382	Coding Variation in ANGPTL4, LPL, and SVEP1 and the Risk of Coronary Disease. <i>New England Journal of Medicine</i> , 2016 , 374, 1134-44	59.2	325
381	Genetic variants influencing circulating lipid levels and risk of coronary artery disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010 , 30, 2264-76	9.4	318
380	Regression of atherosclerosis induced by liver-directed gene transfer of apolipoprotein A-I in mice. <i>Circulation</i> , 1999 , 100, 1816-22	16.7	317
379	Exome-wide association study of plasma lipids in >300,000 individuals. <i>Nature Genetics</i> , 2017 , 49, 1758-1766	36.6	310
378	The ability to promote efflux via ABCA1 determines the capacity of serum specimens with similar high-density lipoprotein cholesterol to remove cholesterol from macrophages. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010 , 30, 796-801	9.4	309
377	Inactivating mutations in NPC1L1 and protection from coronary heart disease. <i>New England Journal of Medicine</i> , 2014 , 371, 2072-82	59.2	307
376	Pharmacological activation of liver X receptors promotes reverse cholesterol transport in vivo. <i>Circulation</i> , 2006 , 113, 90-7	16.7	306
375	A variant of the gene encoding leukotriene A4 hydrolase confers ethnicity-specific risk of myocardial infarction. <i>Nature Genetics</i> , 2006 , 38, 68-74	36.3	304
374	Association of HDL cholesterol efflux capacity with incident coronary heart disease events: a prospective case-control study. <i>Lancet Diabetes and Endocrinology</i> , 2015 , 3, 507-13	18.1	300
373	Gene transfer and hepatic overexpression of the HDL receptor SR-BI reduces atherosclerosis in the cholesterol-fed LDL receptor-deficient mouse. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000 , 20, 721-7	9.4	294
372	The 5-lipoxygenase pathway promotes pathogenesis of hyperlipidemia-dependent aortic aneurysm. <i>Nature Medicine</i> , 2004 , 10, 966-73	50.5	291

371	Multi-ethnic genome-wide association study for atrial fibrillation. <i>Nature Genetics</i> , 2018 , 50, 1225-1233	36.3	277
370	Genetics of blood lipids among ~300,000 multi-ethnic participants of the Million Veteran Program. <i>Nature Genetics</i> , 2018 , 50, 1514-1523	36.3	260
369	Genome-wide association study of coronary heart disease and its risk factors in 8,090 African Americans: the NHLBI CARE Project. <i>PLoS Genetics</i> , 2011 , 7, e1001300	6	249
368	Shared genetic susceptibility to ischemic stroke and coronary artery disease: a genome-wide analysis of common variants. <i>Stroke</i> , 2014 , 45, 24-36	6.7	245
367	Safety, pharmacokinetics, and pharmacodynamics of oral apoA-I mimetic peptide D-4F in high-risk cardiovascular patients. <i>Journal of Lipid Research</i> , 2008 , 49, 1344-52	6.3	245
366	Hepatic expression of scavenger receptor class B type I (SR-BI) is a positive regulator of macrophage reverse cholesterol transport in vivo. <i>Journal of Clinical Investigation</i> , 2005 , 115, 2870-4	15.9	245
365	Characterization of the lipolytic activity of endothelial lipase. <i>Journal of Lipid Research</i> , 2002 , 43, 921-926	6.3	244
364	Increased formation of distinct F2 isoprostanes in hypercholesterolemia. <i>Circulation</i> , 1998 , 98, 2822-8	16.7	236
363	Association of low-frequency and rare coding-sequence variants with blood lipids and coronary heart disease in 56,000 whites and blacks. <i>American Journal of Human Genetics</i> , 2014 , 94, 223-32	11	233
362	The adhesion receptor CD44 promotes atherosclerosis by mediating inflammatory cell recruitment and vascular cell activation. <i>Journal of Clinical Investigation</i> , 2001 , 108, 1031-1040	15.9	228
361	ANGPTL3 Deficiency and Protection Against Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2017 , 69, 2054-2063	15.1	226
360	Characterization of the lipolytic activity of endothelial lipase. <i>Journal of Lipid Research</i> , 2002 , 43, 921-9	6.3	218
359	Clinical Genetic Testing for Familial Hypercholesterolemia: JACC Scientific Expert Panel. <i>Journal of the American College of Cardiology</i> , 2018 , 72, 662-680	15.1	215
358	High-density lipoproteins: a consensus statement from the National Lipid Association. <i>Journal of Clinical Lipidology</i> , 2013 , 7, 484-525	4.9	215
357	Lipolysis of triglyceride-rich lipoproteins generates PPAR ligands: evidence for an antiinflammatory role for lipoprotein lipase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 2730-5	11.5	214
356	Absence of 12/15-lipoxygenase expression decreases lipid peroxidation and atherogenesis in apolipoprotein e-deficient mice. <i>Circulation</i> , 2001 , 103, 2277-82	16.7	213
355	Effect of insulin resistance, dyslipidemia, and intra-abdominal adiposity on the development of cardiovascular disease and diabetes mellitus. <i>American Journal of Medicine</i> , 2007 , 120, S12-8	2.4	209
354	Human knockouts and phenotypic analysis in a cohort with a high rate of consanguinity. <i>Nature</i> , 2017 , 544, 235-239	50.4	208

353	Effects of cholesteryl ester transfer protein inhibition on high-density lipoprotein subspecies, apolipoprotein A-I metabolism, and fecal sterol excretion. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005 , 25, 1057-64	9.4	206
352	Beyond high-density lipoprotein cholesterol levels evaluating high-density lipoprotein function as influenced by novel therapeutic approaches. <i>Journal of the American College of Cardiology</i> , 2008 , 51, 2199-211	15.1	205
351	The not-so-simple HDL story: Is it time to revise the HDL cholesterol hypothesis?. <i>Nature Medicine</i> , 2012 , 18, 1344-6	50.5	204
350	NHLBI Working Group Recommendations to Reduce Lipoprotein(a)-Mediated Risk of Cardiovascular Disease and Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , 2018 , 71, 177-192	15.1	203
349	Large-scale gene-centric meta-analysis across 32 studies identifies multiple lipid loci. <i>American Journal of Human Genetics</i> , 2012 , 91, 823-38	11	189
348	Determining hepatic triglyceride production in mice: comparison of poloxamer 407 with Triton WR-1339. <i>Journal of Lipid Research</i> , 2005 , 46, 2023-8	6.3	187
347	Fifteen new risk loci for coronary artery disease highlight arterial-wall-specific mechanisms. <i>Nature Genetics</i> , 2017 , 49, 1113-1119	36.3	184
346	Lomitapide and mipomersen: two first-in-class drugs for reducing low-density lipoprotein cholesterol in patients with homozygous familial hypercholesterolemia. <i>Circulation</i> , 2014 , 129, 1022-32	16.7	181
345	Inhibition of endothelial lipase causes increased HDL cholesterol levels in vivo. <i>Journal of Clinical Investigation</i> , 2003 , 111, 357-62	15.9	172
344	Genome-wide association study of alcohol consumption and use disorder in 274,424 individuals from multiple populations. <i>Nature Communications</i> , 2019 , 10, 1499	17.4	164
343	Monogenic hypercholesterolemia: new insights in pathogenesis and treatment. <i>Journal of Clinical Investigation</i> , 2003 , 111, 1795-803	15.9	160
342	Genome-wide association study identifies a sequence variant within the DAB2IP gene conferring susceptibility to abdominal aortic aneurysm. <i>Nature Genetics</i> , 2010 , 42, 692-7	36.3	155
341	Quantitation of plasma apolipoproteins in the primary and secondary prevention of coronary artery disease. <i>Annals of Internal Medicine</i> , 1994 , 120, 1012-25	8	155
340	Seasonal human coronavirus antibodies are boosted upon SARS-CoV-2 infection but not associated with protection. <i>Cell</i> , 2021 , 184, 1858-1864.e10	56.2	155
339	Guggulipid for the treatment of hypercholesterolemia: a randomized controlled trial. <i>JAMA - Journal of the American Medical Association</i> , 2003 , 290, 765-72	27.4	152
338	Update on strategies to increase HDL quantity and function. <i>Nature Reviews Cardiology</i> , 2009 , 6, 455-63	14.8	151
337	Hepatic sortilin regulates both apolipoprotein B secretion and LDL catabolism. <i>Journal of Clinical Investigation</i> , 2012 , 122, 2807-16	15.9	151
336	Increased atherosclerosis in mice lacking apolipoprotein A-I attributable to both impaired reverse cholesterol transport and increased inflammation. <i>Circulation Research</i> , 2005 , 97, 763-71	15.7	149

335	Systematic Evaluation of Pleiotropy Identifies 6 Further Loci Associated With Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2017 , 69, 823-836	15.1	146
334	Regulation of reverse cholesterol transport and clinical implications. <i>American Journal of Cardiology</i> , 2003 , 92, 42J-49J	3	146
333	Laboratory assessment of HDL heterogeneity and function. <i>Clinical Chemistry</i> , 2008 , 54, 788-800	5.5	144
332	Loss-of-function variants in endothelial lipase are a cause of elevated HDL cholesterol in humans. <i>Journal of Clinical Investigation</i> , 2009 , 119, 1042-50	15.9	144
331	Effects of pioglitazone on lipoproteins, inflammatory markers, and adipokines in nondiabetic patients with metabolic syndrome. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006 , 26, 182-8	9.4	142
330	Sortilin mediates vascular calcification via its recruitment into extracellular vesicles. <i>Journal of Clinical Investigation</i> , 2016 , 126, 1323-36	15.9	141
329	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. <i>Nature Genetics</i> , 2020 , 52, 680-691	36.3	140
328	Cholesterol ester transfer protein inhibition by TA-8995 in patients with mild dyslipidaemia (TULIP): a randomised, double-blind, placebo-controlled phase 2 trial. <i>Lancet, The</i> , 2015 , 386, 452-60	4.0	140
327	Overexpression of secretory phospholipase A(2) causes rapid catabolism and altered tissue uptake of high density lipoprotein cholesteryl ester and apolipoprotein A-I. <i>Journal of Biological Chemistry</i> , 2000 , 275, 10077-84	5.4	140
326	Identification of new susceptibility loci for type 2 diabetes and shared etiological pathways with coronary heart disease. <i>Nature Genetics</i> , 2017 , 49, 1450-1457	36.3	136
325	Trials and Tribulations of CETP Inhibitors. <i>Circulation Research</i> , 2018 , 122, 106-112	15.7	132
324	Cholesterol Efflux Capacity, High-Density Lipoprotein Particle Number, and Incident Cardiovascular Events: An Analysis From the JUPITER Trial (Justification for the Use of Statins in Prevention: An Intervention Trial Evaluating Rosuvastatin). <i>Circulation</i> , 2017 , 135, 2494-2504	16.7	126
323	Treatment Gaps in Adults With Heterozygous Familial Hypercholesterolemia in the United States: Data From the CASCADE-FH Registry. <i>Circulation: Cardiovascular Genetics</i> , 2016 , 9, 240-9		126
322	Effects of rosiglitazone on lipids, adipokines, and inflammatory markers in nondiabetic patients with low high-density lipoprotein cholesterol and metabolic syndrome. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006 , 26, 624-30	9.4	124
321	Endothelial lipase concentrations are increased in metabolic syndrome and associated with coronary atherosclerosis. <i>PLoS Medicine</i> , 2006 , 3, e22	11.6	123
320	Hepatic overexpression of microsomal triglyceride transfer protein (MTP) results in increased in vivo secretion of VLDL triglycerides and apolipoprotein B. <i>Journal of Lipid Research</i> , 1999 , 40, 2134-2139	6.3	123
319	Treatment of patients with cardiovascular disease with L-4F, an apo-A1 mimetic, did not improve select biomarkers of HDL function. <i>Journal of Lipid Research</i> , 2011 , 52, 361-73	6.3	122
318	Cardiovascular protection by ApoE and ApoE-HDL linked to suppression of ECM gene expression and arterial stiffening. <i>Cell Reports</i> , 2012 , 2, 1259-71	10.6	121

3 ¹⁷	CXCL16 is a marker of inflammation, atherosclerosis, and acute coronary syndromes in humans. <i>Journal of the American College of Cardiology</i> , 2007 , 49, 442-9	15.1	121
3 ¹⁶	Dose-dependent acceleration of high-density lipoprotein catabolism by endothelial lipase. <i>Circulation</i> , 2003 , 108, 2121-6	16.7	121
3 ¹⁵	Identification of genetic variants in endothelial lipase in persons with elevated high-density lipoprotein cholesterol. <i>Circulation</i> , 2002 , 106, 1321-6	16.7	121
3 ¹⁴	Novel HDL-directed pharmacotherapeutic strategies. <i>Nature Reviews Cardiology</i> , 2011 , 8, 266-77	14.8	120
3 ¹³	Longitudinal evaluation and assessment of cardiovascular disease in patients with homozygous familial hypercholesterolemia. <i>American Journal of Cardiology</i> , 2008 , 102, 1438-43	3	120
3 ¹²	Expression of cholesteryl ester transfer protein in mice promotes macrophage reverse cholesterol transport. <i>Circulation</i> , 2007 , 116, 1267-73	16.7	118
3 ¹¹	Angptl3 deficiency is associated with increased insulin sensitivity, lipoprotein lipase activity, and decreased serum free fatty acids. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 1706-13	9.4	113
3 ¹⁰	Macrophage sortilin promotes LDL uptake, foam cell formation, and atherosclerosis. <i>Circulation Research</i> , 2015 , 116, 789-96	15.7	110
3 ⁰⁹	Lipoproteins, macrophage function, and atherosclerosis: beyond the foam cell?. <i>Cell Metabolism</i> , 2005 , 1, 223-30	24.6	109
3 ⁰⁸	Trib1 is a lipid- and myocardial infarction-associated gene that regulates hepatic lipogenesis and VLDL production in mice. <i>Journal of Clinical Investigation</i> , 2010 , 120, 4410-4	15.9	108
3 ⁰⁷	Illuminating HDL--is it still a viable therapeutic target?. <i>New England Journal of Medicine</i> , 2007 , 357, 2180-3	59.2	107
3 ⁰⁶	Endothelial cells secrete triglyceride lipase and phospholipase activities in response to cytokines as a result of endothelial lipase. <i>Circulation Research</i> , 2003 , 92, 644-50	15.7	104
3 ⁰⁵	Human secretory phospholipase A2 mediates decreased plasma levels of HDL cholesterol and apoA-I in response to inflammation in human apoA-I transgenic mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002 , 22, 1213-8	9.4	103
3 ⁰⁴	Clinical and laboratory findings in the oculocerebrorenal syndrome of Lowe, with special reference to growth and renal function. <i>New England Journal of Medicine</i> , 1991 , 324, 1318-25	59.2	103
3 ⁰³	Large, Diverse Population Cohorts of hiPSCs and Derived Hepatocyte-like Cells Reveal Functional Genetic Variation at Blood Lipid-Associated Loci. <i>Cell Stem Cell</i> , 2017 , 20, 558-570.e10	18	102
3 ⁰²	Cascade Screening for Familial Hypercholesterolemia and the Use of Genetic Testing. <i>JAMA - Journal of the American Medical Association</i> , 2017 , 318, 381-382	27.4	100
3 ⁰¹	Hepatic proprotein convertases modulate HDL metabolism. <i>Cell Metabolism</i> , 2007 , 6, 129-36	24.6	98
3 ⁰⁰	Rapid regression of atherosclerosis induced by liver-directed gene transfer of ApoE in ApoE-deficient mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1999 , 19, 2162-70	9.4	97

299	High-density lipoproteins and atherosclerosis. <i>American Journal of Cardiology</i> , 2002 , 90, 62i-70i	3	96
298	The anti-oxidative capacity of high-density lipoprotein is reduced in acute coronary syndrome but not in stable coronary artery disease. <i>Journal of the American College of Cardiology</i> , 2011 , 58, 2068-75	15.1	95
297	Obesity and atherogenic dyslipidemia. <i>Gastroenterology</i> , 2007 , 132, 2181-90	13.3	95
296	Molecular regulation of macrophage reverse cholesterol transport. <i>Current Opinion in Cardiology</i> , 2007 , 22, 368-72	2.1	95
295	Endogenously produced endothelial lipase enhances binding and cellular processing of plasma lipoproteins via heparan sulfate proteoglycan-mediated pathway. <i>Journal of Biological Chemistry</i> , 2003 , 278, 34331-8	5.4	94
294	Tissue-specific liver X receptor activation promotes macrophage reverse cholesterol transport in vivo. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010 , 30, 781-6	9.4	92
293	Secretory phospholipase A(2)-IIA and cardiovascular disease: a mendelian randomization study. <i>Journal of the American College of Cardiology</i> , 2013 , 62, 1966-1976	15.1	91
292	Niacin lipid efficacy is independent of both the niacin receptor GPR109A and free fatty acid suppression. <i>Science Translational Medicine</i> , 2012 , 4, 148ra115	17.5	90
291	Hepatic metal ion transporter ZIP8 regulates manganese homeostasis and manganese-dependent enzyme activity. <i>Journal of Clinical Investigation</i> , 2017 , 127, 2407-2417	15.9	90
290	The influence of pravastatin and atorvastatin on markers of oxidative stress in hypercholesterolemic humans. <i>Journal of the American College of Cardiology</i> , 2008 , 51, 1653-62	15.1	89
289	Cholesterol Efflux Capacity and Pre-Beta-1 HDL Concentrations Are Increased in Dyslipidemic Patients Treated With Evacetrapib. <i>Journal of the American College of Cardiology</i> , 2015 , 66, 2201-2210	15.1	85
288	SARS-CoV-2 seroprevalence among parturient women in Philadelphia. <i>Science Immunology</i> , 2020 , 5,	28	84
287	Update on the role of endothelial lipase in high-density lipoprotein metabolism, reverse cholesterol transport, and atherosclerosis. <i>Circulation Journal</i> , 2010 , 74, 2263-70	2.9	83
286	Effects of nonstatin lipid drug therapy on high-density lipoprotein metabolism. <i>American Journal of Cardiology</i> , 2003 , 91, 18E-23E	3	83
285	Emerging therapies targeting high-density lipoprotein metabolism and reverse cholesterol transport. <i>Circulation</i> , 2006 , 113, 1140-50	16.7	82
284	Proprotein convertases [corrected] are responsible for proteolysis and inactivation of endothelial lipase. <i>Journal of Biological Chemistry</i> , 2005 , 280, 36551-9	5.4	81
283	Safety and effectiveness of Niaspan when added sequentially to a statin for treatment of dyslipidemia. <i>American Journal of Cardiology</i> , 2001 , 87, 476-9, A7	3	81
282	Future therapeutic directions in reverse cholesterol transport. <i>Current Atherosclerosis Reports</i> , 2010 , 12, 73-81	6	79

281	Apolipoprotein A-I deficiency results in markedly increased atherosclerosis in mice lacking the LDL receptor. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003 , 23, 1914-20	9.4	78
280	Loss of Function of GALNT2 Lowers High-Density Lipoproteins in Humans, Nonhuman Primates, and Rodents. <i>Cell Metabolism</i> , 2016 , 24, 234-45	24.6	78
279	2003 Mixed meal effects of neprilysin inhibition. <i>Journal of Clinical and Translational Science</i> , 2018 , 2, 44-44	0.4	78
278	Endothelial lipase: a new member of the triglyceride lipase gene family. <i>Current Opinion in Lipidology</i> , 2000 , 11, 141-7	4.4	77
277	Activation of ER stress and mTORC1 suppresses hepatic sortilin-1 levels in obese mice. <i>Journal of Clinical Investigation</i> , 2012 , 122, 1677-87	15.9	77
276	A systematic study of modulation of ADAM-mediated ectodomain shedding by site-specific O-glycosylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 14623-8	11.5	76
275	Exome sequencing and directed clinical phenotyping diagnose cholesterol ester storage disease presenting as autosomal recessive hypercholesterolemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 2909-14	9.4	76
274	A Drug Screen using Human iPSC-Derived Hepatocyte-like Cells Reveals Cardiac Glycosides as a Potential Treatment for Hypercholesterolemia. <i>Cell Stem Cell</i> , 2017 , 20, 478-489.e5	18	75
273	Lecithin: cholesterol acyltransferase expression has minimal effects on macrophage reverse cholesterol transport in vivo. <i>Circulation</i> , 2009 , 120, 160-9	16.7	74
272	High-density lipoprotein hydrolysis by endothelial lipase activates PPARalpha: a candidate mechanism for high-density lipoprotein-mediated repression of leukocyte adhesion. <i>Circulation Research</i> , 2006 , 98, 490-8	15.7	74
271	Genome-wide association study of peripheral artery disease in the Million Veteran Program. <i>Nature Medicine</i> , 2019 , 25, 1274-1279	50.5	73
270	The triglyceride-high-density lipoprotein axis: an important target of therapy?. <i>American Heart Journal</i> , 2004 , 148, 211-21	4.9	71
269	Short-term overexpression of DGAT1 or DGAT2 increases hepatic triglyceride but not VLDL triglyceride or apoB production. <i>Journal of Lipid Research</i> , 2006 , 47, 2297-305	6.3	69
268	Lipases and HDL metabolism. <i>Trends in Endocrinology and Metabolism</i> , 2002 , 13, 174-8	8.8	69
267	HDL Cholesterol Metabolism and the Risk of CHD: New Insights from Human Genetics. <i>Current Cardiology Reports</i> , 2017 , 19, 132	4.2	68
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