# 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. | 27.0 | 4,527 |
| 2 | Biological, clinical and population relevance of 95 loci for blood lipids. Nature, 2010, 466, 707-713. | 27.8 | 3,249 |
| 3 | Discovery and refinement of loci associated with lipid levels. Nature Genetics, 2013, 45, 1274-1283. | 21.4 | 2,641 |
| 4 | A comprehensive 1000 Genomesâ€“based genome-wide association meta-analysis of coronary artery disease. Nature Genetics, 2015, 47, 1121-1130. | 21.4 | 2,054 |
| 5 | Plasma HDL cholesterol and risk of myocardial infarction: a mendelian randomisation study. Lancet, The, 2012, 380, 572-580. | 13.7 | 1,937 |
| 6 | Cholesterol Efflux Capacity, High-Density Lipoprotein Function, and Atherosclerosis. New England Journal of Medicine, 2011, 364, 127-135. | 27.0 | 1,686 |
| 7 | Large-scale association analysis identifies 13 new susceptibility loci for coronary artery disease. Nature Genetics, 2011, 43, 333-338. | 21.4 | 1,685 |
| 8 | A Common Variant on Chromosome 9p21 Affects the Risk of Myocardial Infarction. Science, 2007, 316, 1491-1493. | 12.6 | 1,485 |
| 9 | Large-scale association analysis identifies new risk loci for coronary artery disease. Nature Genetics, 2013, 45, 25-33. | 21.4 | 1,439 |
| 10 | From noncoding variant to phenotype via SORT1 at the 1p13 cholesterol locus. Nature, 2010, 466, 714-719. | 27.8 | 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. | 21.4 | 990 |
| 12 | New Insights Into the Regulation of HDL Metabolism and Reverse Cholesterol Transport. Circulation Research, 2005, 96, 1221-1232. | 4.5 | 901 |
| 13 | Cholesteryl Ester Transfer Protein. Arteriosclerosis, Thrombosis, and Vascular Biology, 2003, 23, 160-167. | 2.4 | 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. | 21.4 | 754 |
| 16 | Effects of an Inhibitor of Cholesteryl Ester Transfer Protein on HDL Cholesterol. New England Journal of Medicine, 2004, 350, 1505-1515. | 27.0 | 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. | 2.8 | 723 |
| 18 | Sequence variants affecting eosinophil numbers associate with asthma and myocardial infarction. Nature Genetics, 2009, 41, 342-347. | 21.4 | 709 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Interleukin-6 receptor pathways in coronary heart disease: a collaborative meta-analysis of 82 studies. Lancet, The, 2012, 379, 1205-1213. | 13.7 | 668 |
| 20 | Genetic and Pharmacologic Inactivation of ANGPTL3 and Cardiovascular Disease. New England Journal of Medicine, 2017, 377, 211-221. | 27.0 | 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. | 13.7 | 624 |
| 22 | Evacetrapib and Cardiovascular Outcomes in High-Risk Vascular Disease. New England Journal of Medicine, 2017, 376, 1933-1942. | 27.0 | 593 |
| 23 | Exome sequencing identifies rare LDLR and APOA5 alleles conferring risk for myocardial infarction. Nature, 2015, 518, 102-106. | 27.8 | 581 |
| 24 | A Protein-TruncatingHSD17B13Variant and Protection from Chronic Liver Disease. New England Journal of Medicine, 2018, 378, 1096-1106. | 27.0 | 556 |
| 25 | Multi-ethnic genome-wide association study for atrial fibrillation. Nature Genetics, 2018, 50, 1225-1233. | 21.4 | 552 |
| 26 | NARC-1/PCSK9 and Its Natural Mutants. Journal of Biological Chemistry, 2004, 279, 48865-48875. | 3.4 | 544 |
| 27 | HDL and cardiovascular disease. Lancet, The, 2014, 384, 618-625. | 13.7 | 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. | 27.0 | 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. | 8.2 | 498 |
| 31 | Genetics of blood lipids among ~300,000 multi-ethnic participants of the Million Veteran Program. Nature Genetics, 2018, 50, 1514-1523. | 21.4 | 497 |
| 32 | Vitamin E suppresses isoprostane generation in vivo and reduces atherosclerosis in ApoE-deficient mice. Nature Medicine, 1998, 4, 1189-1192. | 30.7 | 496 |
| 33 | The role of reverse cholesterol transport in animals and humans and relationship to atherosclerosis. Journal of Lipid Research, 2009, 50, S189-S194. | 4.2 | 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. | 8.2 | 480 |
| 36 | Cloning and gene defects in microsomal triglyceride transfer protein associated with abetalipoproteinaemia. Nature, 1993, 365, 65-69. | 27.8 | 472 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Exome-wide association study of plasma lipids in >300,000 individuals. Nature Genetics, 2017, 49, 1758-1766. | 21.4 | 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. | 13.7 | 466 |
| 39 | A novel endothelial-derived lipase that modulates HDL metabolism. Nature Genetics, 1999, 21, 424-428. | 21.4 | 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. | 21.4 | 445 |
| 41 | Rare variant in scavenger receptor BI raises HDL cholesterol and increases risk of coronary heart disease. Science, 2016, 351, 1166-1171. | 12.6 | 438 |
| 42 | Translating molecular discoveries into new therapies for atherosclerosis. Nature, 2008, 451, 904-913. | 27.8 | 436 |
| 43 | Coding Variation inANGPTL4,LPL,andSVEP1and the Risk of Coronary Disease. New England Journal of Medicine, 2016, 374, 1134-1144. | 27.0 | 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. | 8.2 | 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. | 12.6 | 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. | 11.4 | 389 |
| 49 | Clinical Genetic Testing for FamilialÂHypercholesterolemia. Journal of the American College of Cardiology, 2018, 72, 662-680. | 2.8 | 387 |
| 50 | Inactivating Mutations in NPC1L1 and Protection from Coronary Heart Disease. New England Journal of Medicine, 2014, 371, 2072-2082. | 27.0 | 386 |
| 51 | Genetic Variants Influencing Circulating Lipid Levels and Risk of Coronary Artery Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 2264-2276. | 2.4 | 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. | 2.4 | 348 |
| 54 | ANGPTL3 Deficiency and Protection Against Coronary Artery Disease. Journal of the American College of Cardiology, 2017, 69, 2054-2063. | 2.8 | 348 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Genome-wide association study of alcohol consumption and use disorder in 274,424 individuals from multiple populations. Nature Communications, 2019, 10, 1499. | 12.8 | 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. | 21.4 | 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. | 2.8 | 337 |
| 59 | Seasonal human coronavirus antibodies are boosted upon SARS-CoV-2 infection but not associated with protection. Cell, 2021, 184, 1858-1864.e10. | 28.9 | 332 |
| 60 | The 5-lipoxygenase pathway promotes pathogenesis of hyperlipidemia-dependent aortic aneurysm. Nature Medicine, 2004, 10, 966-973. | 30.7 | 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. | 2.4 | 317 |
| 62 | Shared Genetic Susceptibility to Ischemic Stroke and Coronary Artery Disease. Stroke, 2014, 45, 24-36. | 2.0 | 302 |
| 63 | Human knockouts and phenotypic analysis in a cohort with a high rate of consanguinity. Nature, 2017, 544, 235-239. | 27.8 | 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. | 3.5 | 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. | 6.2 | 287 |
| 66 | Characterization of the lipolytic activity of endothelial lipase. Journal of Lipid Research, 2002, 43, 921-929. | 4.2 | 277 |
| 67 | High-density lipoproteins: A consensus statement from the National Lipid Association. Journal of Clinical Lipidology, 2013, 7, 484-525. | 1.5 | 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. | 8.2 | 269 |
| 69 | Increased Formation of Distinct F <sub>2</sub> 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. | 4.2 | 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. | 8.2 | 264 |
| 72 | Fifteen new risk loci for coronary artery disease highlight arterial-wall-specific mechanisms. Nature Genetics, 2017, 49, 1113-1119. | 21.4 | 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. | 1.5 | 254 |
| 74 | Is it time to revise the HDL cholesterol hypothesis?. Nature Medicine, 2012, 18, 1344-1346. | 30.7 | 241 |
| 75 | Characterization of the lipolytic activity of endothelial lipase. Journal of Lipid Research, 2002, 43, 921-9. | 4.2 | 234 |
| 76 | Inflammatory Markers of Coronary Risk. New England Journal of Medicine, 2000, 343, 1179-1182. | 27.0 | 232 |
| 77 | Beyond High-Density Lipoprotein Cholesterol Levels. Journal of the American College of Cardiology, 2008, 51, 2199-2211. | 2.8 | 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. | 7.1 | 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. | 2.4 | 228 |
| 80 | Large-Scale Gene-Centric Meta-analysis across 32 Studies Identifies Multiple Lipid Loci. American Journal of Human Genetics, 2012, 91, 823-838. | 6.2 | 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. | 8.2 | 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. | 4.2 | 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. | 21.4 | 218 |
| 86 | Systematic Evaluation of Pleiotropy Identifies 6 Further Loci Associated WithÂCoronary ArteryÂDisease. Journal of the American College of Cardiology, 2017, 69, 823-836. | 2.8 | 214 |
| 87 | Trials and Tribulations of CETP Inhibitors. Circulation Research, 2018, 122, 106-112. | 4.5 | 210 |
| 88 | Guggulipid for the Treatment of Hypercholesterolemia. JAMA - Journal of the American Medical Association, 2003, 290, 765. | 7.4 | 205 |
| 89 | Inhibition of endothelial lipase causes increased HDL cholesterol levels in vivo. Journal of Clinical Investigation, 2003, 111, 357-362. | 8.2 | 197 |
| 90 | Sortilin mediates vascular calcification via its recruitment into extracellular vesicles. Journal of Clinical Investigation, 2016, 126, 1323-1336. | 8.2 | 196 |

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|---|---|---|---|
| 91 | Hepatic sortilin regulates both apolipoprotein B secretion and LDL catabolism. Journal of Clinical Investigation, 2012, 122, 2807-2816. | 8.2 | 190 |
| 92 | Quantitation of Plasma Apolipoproteins in the Primary and Secondary Prevention of Coronary Artery Disease. Annals of Internal Medicine, 1994, 120, 1012. | 3.9 | 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. | 21.4 | 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. | 30.7 | 177 |
| 96 | Whole-genome sequencing reveals host factors underlying critical COVID-19. Nature, 2022, 607, 97-103. | 27.8 | 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. | 13.7 | 173 |
| 98 | Update on strategies to increase HDL quantity and function. Nature Reviews Cardiology, 2009, 6, 455-463. | 13.7 | 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. | 1.6 | 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. | 4.5 | 165 |
| 102 | Laboratory Assessment of HDL Heterogeneity and Function. Clinical Chemistry, 2008, 54, 788-800. | 3.2 | 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. | 8.2 | 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. | 2.4 | 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. | 6.4 | 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. | 21.4 | 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. | 3.4 | 149 |
| 108 | Macrophage Sortilin Promotes LDL Uptake, Foam Cell Formation, and Atherosclerosis. Circulation Research, 2015, 116, 789-796. | 4.5 | 149 |

| # | Article | IF | Citations |
|---|---|---|---|
| 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. | 2.8 | 148 |
| 110 | Endothelial Lipase Concentrations Are Increased in Metabolic Syndrome and Associated with Coronary Atherosclerosis. PLoS Medicine, 2005, 3, e22. | 8.4 | 147 |
| 111 | Longitudinal Evaluation and Assessment of Cardiovascular Disease in Patients With Homozygous Familial Hypercholesterolemia. American Journal of Cardiology, 2008, 102, 1438-1443. | 1.6 | 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. | 2.4 | 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. | 4.2 | 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. | 11.1 | 138 |
| 115 | Cascade Screening for Familial Hypercholesterolemia and the Use of Genetic Testing. JAMA - Journal of the American Medical Association, 2017, 318, 381. | 7.4 | 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. | 2.4 | 137 |
| 117 | Novel HDL-directed pharmacotherapeutic strategies. Nature Reviews Cardiology, 2011, 8, 266-277. | 13.7 | 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, . | 12.6 | 130 |
| 122 | Obesity and Atherogenic Dyslipidemia. Gastroenterology, 2007, 132, 2181-2190. | 1.3 | 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. | 4.2 | 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. | 27.0 | 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. | 8.2 | 127 |
| 126 | Lipoproteins, macrophage function, and atherosclerosis: Beyond the foam cell?. Cell Metabolism, 2005, 1, 223-230. | 16.2 | 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. | 27.0 | 121 |
| 128 | SARS-CoV-2 seroprevalence among parturient women in Philadelphia. Science Immunology, 2020, 5, . | 11.9 | 121 |
| 129 | Hepatic metal ion transporter ZIP8 regulates manganese homeostasis and manganese-dependent enzyme activity. Journal of Clinical Investigation, 2017, 127, 2407-2417. | 8.2 | 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. | 2.4 | 117 |
| 131 | Hepatic Proprotein Convertases Modulate HDL Metabolism. Cell Metabolism, 2007, 6, 129-136. | 16.2 | 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. | 4.5 | 115 |
| 133 | Secretory Phospholipase A2-IIA and Cardiovascular Disease. Journal of the American College of Cardiology, 2013, 62, 1966-1976. | 2.8 | 115 |
| 134 | High-density lipoproteins and atherosclerosis. American Journal of Cardiology, 2002, 90, 62-70. | 1.6 | 110 |
| 135 | Tissue-Specific Liver X Receptor Activation Promotes Macrophage Reverse Cholesterol Transport In Vivo. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 781-786. | 2.4 | 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. | 2.8 | 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. | 2.8 | 105 |
| 138 | Molecular regulation of macrophage reverse cholesterol transport. Current Opinion in Cardiology, 2007, 22, 368-372. | 1.8 | 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. | 2.8 | 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. | 2.4 | 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. | 3.4 | 103 |
| 142 | Loss of Function of GALNT2 Lowers High-Density Lipoproteins in Humans, Nonhuman Primates, and Rodents. Cell Metabolism, 2016, 24, 234-245. | 16.2 | 103 |
| 143 | Niacin Lipid Efficacy Is Independent of Both the Niacin Receptor GPR109A and Free Fatty Acid Suppression. Science Translational Medicine, 2012, 4, 148ra115. | 12.4 | 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. | 1.6 | 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. | 7.1 | 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. | 21.4 | 97 |
| 148 | Activation of ER stress and mTORC1 suppresses hepatic sortilin-1 levels in obese mice. Journal of Clinical Investigation, 2012, 122, 1677-1687. | 8.2 | 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. | 4.8 | 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. | 1.6 | 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. | 11.1 | 92 |
| 153 | Proprotein Covertases Are Responsible for Proteolysis and Inactivation of Endothelial Lipase. Journal of Biological Chemistry, 2005, 280, 36551-36559. | 3.4 | 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. | 2.4 | 90 |
| 155 | Endothelial lipase colon; a new member of the triglyceride lipase gene family. Current Opinion in Lipidology, 2000, 11, 141-147. | 2.7 | 89 |
| 156 | Effects of nonstatin lipid drug therapy on high-density lipoprotein metabolism. American Journal of Cardiology, 2003, 91, 18-23. | 1.6 | 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. | 30.7 | 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. | 2.4 | 87 |
| 160 | HDL Cholesterol Metabolism and the Risk of CHD: New Insights from Human Genetics. Current Cardiology Reports, 2017, 19, 132. | 2.9 | 85 |
| 161 | High-Density Lipoprotein Hydrolysis by Endothelial Lipase Activates PPARÎ±. Circulation Research, 2006, 98, 490-498. | 4.5 | 84 |
| 162 | Tribbles-1 regulates hepatic lipogenesis through posttranscriptional regulation of C/EBPÎ±. Journal of Clinical Investigation, 2015, 125, 3809-3818. | 8.2 | 84 |

| # | Article | IF | Citations |
|---|---|---|---|
| 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. | 2.4 | 83 |
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