# 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 | A Genomeâ€First Approach to Rare Variants in Dominant Postlingual Hearing Loss Genes in a Large Adult Population. Otolaryngology - Head and Neck Surgery, 2022, 166, 746-752. | 1.9 | 3 |
| 2 | Associations of Endogenous Hormones With HDL Novel Metrics Across the Menopause Transition: The SWAN HDL Study. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e303-e314. | 3.6 | 5 |
| 3 | LLF580, an FGF21 Analog, Reduces Triglycerides and Hepatic Fat in Obese Adults With Modest Hypertriglyceridemia. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e57-e70. | 3.6 | 29 |
| 4 | A genome-first approach to rare variants in hypertrophic cardiomyopathy genes MYBPC3 and MYH7 in a medical biobank. Human Molecular Genetics, 2022, 31, 827-837. | 2.9 | 4 |
| 5 | Association of Inherited Mutations in DNA Repair Genes with Localized Prostate Cancer. European Urology, 2022, 81, 559-567. | 1.9 | 17 |
| 6 | Cytomegalovirus Latent Infection is Associated with an Increased Risk of COVID-19-Related Hospitalization. Journal of Infectious Diseases, 2022, 226, 463-473. | 4.0 | 39 |
| 7 | Rare coding variants in 35 genes associate with circulating lipid levelsâ€"A multi-ancestry analysis of 170,000 exomes. American Journal of Human Genetics, 2022, 109, 81-96. | 6.2 | 24 |
| 8 | Web of Scienceâ€™s Citation Median Metrics Overcome the Major Constraints of the Journal Impact Factor. Arteriosclerosis, Thrombosis, and Vascular Biology, 2022, 42, 367-371. | 2.4 | 2 |
| 9 | Coronary Artery Disease Risk of Familial Hypercholesterolemia Genetic Variants Independent of Clinically Observed Longitudinal Cholesterol Exposure. Circulation Genomic and Precision Medicine, 2022, 15, CIRCGEN121003501. | 3.6 | 6 |
| 10 | Sortilin restricts secretion of apolipoprotein B-100 by hepatocytes under stressed but not basal conditions. Journal of Clinical Investigation, 2022, 132, . | 8.2 | 11 |
| 11 | 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 |
| 12 | Associations of Abdominal and Cardiovascular Adipose Tissue Depots With HDL Metrics in Midlife Women: the SWAN Study. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e2245-e2257. | 3.6 | 2 |
| 13 | Whole-genome sequencing reveals host factors underlying critical COVID-19. Nature, 2022, 607, 97-103. | 27.8 | 174 |
| 14 | The Relationship Between Lipoproteins and Insulin Sensitivity in Youth With Obesity and Abnormal Glucose Tolerance. Journal of Clinical Endocrinology and Metabolism, 2022, 107, 1541-1551. | 3.6 | 9 |
| 15 | Endothelial plasticity drives aberrant vascularization and impedes cardiac repair after myocardial infarction. , 2022, 1, 372-388. | | 9 |
| 16 | Impact of natural selection on global patterns of genetic variation and association with clinical phenotypes at genes involved in SARS-CoV-2 infection. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2123000119. | 7.1 | 7 |
| 17 | High heritability of ascending aortic diameter and trans-ancestry prediction of thoracic aortic disease. Nature Genetics, 2022, 54, 772-782. | 21.4 | 29 |
| 18 | A multiancestry genome-wide association study of unexplained chronic ALT elevation as a proxy for nonalcoholic fatty liver disease with histological and radiological validation. Nature Genetics, 2022, 54, 761-771. | 21.4 | 68 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Genetic regulation of OAS1 nonsense-mediated decay underlies association with COVID-19 hospitalization in patients of European and African ancestries. Nature Genetics, 2022, 54, 1103-1116. | 21.4 | 54 |
| 20 | Genetics of Postlingual Sensorineural Hearing Loss. Laryngoscope, 2021, 131, 401-409. | 2.0 | 17 |
| 21 | Polygenic Risk of Psychiatric Disorders Exhibits Cross-trait Associations in Electronic Health Record Data From European Ancestry Individuals. Biological Psychiatry, 2021, 89, 236-245. | 1.3 | 26 |
| 22 | HDL (High-Density Lipoprotein) Subclasses, Lipid Content, and Function Trajectories Across the Menopause Transition. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 951-961. | 2.4 | 29 |
| 23 | Rates of COVID-19â€“Related Outcomes in Cancer Compared With Noncancer Patients. JNCI Cancer Spectrum, 2021, 5, pkaa120. | 2.9 | 26 |
| 24 | Exome-wide evaluation of rare coding variants using electronic health records identifies new geneâ€“phenotype associations. Nature Medicine, 2021, 27, 66-72. | 30.7 | 44 |
| 25 | Quantification of abdominal fat from computed tomography using deep learning and its association with electronic health records in an academic biobank. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 1178-1187. | 4.4 | 14 |
| 26 | Disrupting upstream translation in mRNAs is associated with human disease. Nature Communications, 2021, 12, 1515. | 12.8 | 37 |
| 27 | Genome-first approach to rare EYA4 variants and cardio-auditory phenotypes in adults. Human Genetics, 2021, 140, 957-967. | 3.8 | 7 |
| 28 | A Mendelian randomization study of the role of lipoprotein subfractions in coronary artery disease. ELife, 2021, 10, . | 6.0 | 25 |
| 29 | 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 |
| 30 | Nuclear receptors FXR and SHP regulate protein N-glycan modifications in the liver. Science Advances, 2021, 7, . | 10.3 | 6 |
| 31 | ANGPTL3 Inhibition With Evinacumab Results in Faster Clearance of IDL and LDL apoB in Patients With Homozygous Familial Hypercholesterolemiaâ€”Brief Report. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 1753-1759. | 2.4 | 60 |
| 32 | A randomized controlled trial of genetic testing and cascade screening in familial hypercholesterolemia. Genetics in Medicine, 2021, 23, 1697-1704. | 2.4 | 11 |
| 33 | SARS-CoV-2 Seropositivity and Seroconversion in Patients Undergoing Active Cancer-Directed Therapy. JCO Oncology Practice, 2021, 17, e1879-e1886. | 2.9 | 2 |
| 34 | Unbiased Analysis of Temporal Changes in Immune Serum Markers in Acute COVID-19 Infection With Emphasis on Organ Failure, Anti-Viral Treatment, and Demographic Characteristics. Frontiers in Immunology, 2021, 12, 650465. | 4.8 | 19 |
| 35 | Association Between Genetic Variation in Blood Pressure and Increased Lifetime Risk of Peripheral Artery Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 2027-2034. | 2.4 | 24 |
| 36 | Lipid droplet screen in human hepatocytes identifies TRRAP as a regulator of cellular triglyceride metabolism. Clinical and Translational Science, 2021, 14, 1369-1379. | 3.1 | 4 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Pan-ancestry exome-wide association analyses of COVID-19 outcomes in 586,157 individuals. American Journal of Human Genetics, 2021, 108, 1350-1355. | 6.2 | 72 |
| 38 | Sequencing of 640,000 exomes identifies GPR75 variants associated with protection from obesity. Science, 2021, 373, . | 12.6 | 130 |
| 39 | Health care worker seromonitoring reveals complex relationships between common coronavirus antibodies and COVID-19 symptom duration. JCI Insight, 2021, 6, . | 5.0 | 22 |
| 40 | Prioritizing the Role of Major Lipoproteins and Subfractions as Risk Factors for Peripheral Artery Disease. Circulation, 2021, 144, 353-364. | 1.6 | 47 |
| 41 | Hepatic Manifestations of Mendelian Disorders of Cholesterol Biosynthesis and Cellular Metabolism. Clinical Liver Disease, 2021, 18, 266-273. | 2.1 | 0 |
| 42 | Individual-specific functional epigenomics reveals genetic determinants of adverse metabolic effects of glucocorticoids. Cell Metabolism, 2021, 33, 1592-1609.e7. | 16.2 | 15 |
| 43 | Targeting the coronavirus nucleocapsid protein through GSK-3 inhibition. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, . | 7.1 | 51 |
| 44 | Endothelial lipase mediates efficient lipolysis of triglyceride-rich lipoproteins. PLoS Genetics, 2021, 17, e1009802. | 3.5 | 18 |
| 45 | Rare, Damaging DNA Variants in CORIN and Risk of Coronary Artery Disease: Insights From Functional Genomics and Large-Scale Sequencing Analyses. Circulation Genomic and Precision Medicine, 2021, 14, e003399. | 3.6 | 10 |
| 46 | Genetics of Smoking and Risk of Atherosclerotic Cardiovascular Diseases. JAMA Network Open, 2021, 4, e2034461. | 5.9 | 42 |
| 47 | Assessing HDL Metabolism in Subjects with Elevated Levels of HDL Cholesterol and Coronary Artery Disease. Molecules, 2021, 26, 6862. | 3.8 | 3 |
| 48 | MitoScape: A big-data, machine-learning platform for obtaining mitochondrial DNA from next-generation sequencing data. PLoS Computational Biology, 2021, 17, e1009594. | 3.2 | 11 |
| 49 | TRIB1 regulates LDL metabolism through CEBPÎ±-mediated effects on the LDL receptor in hepatocytes. Journal of Clinical Investigation, 2021, 131, . | 8.2 | 9 |
| 50 | Multi-Trait Genome-Wide Association Study of Atherosclerosis Detects Novel Pleiotropic Loci. Frontiers in Genetics, 2021, 12, 787545. | 2.3 | 3 |
| 51 | Implementation of a Machine-Learning Algorithm in the Electronic Health Record for Targeted Screening for Familial Hypercholesterolemia: A Quality Improvement Study. Circulation: Cardiovascular Quality and Outcomes, 2021, 14, e007641. | 2.2 | 7 |
| 52 | A genome-first approach to aggregating rare genetic variants in LMNA for association with electronic health record phenotypes. Genetics in Medicine, 2020, 22, 102-111. | 2.4 | 42 |
| 53 | Genomic profiling of human vascular cells identifies TWIST1 as a causal gene for common vascular diseases. PLoS Genetics, 2020, 16, e1008538. | 3.5 | 40 |
| 54 | Annual Report on Sex in Preclinical Studies. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, e1-e9. | 2.4 | 8 |

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|---|---|---|---|
| 55 | Genetic Architecture of Abdominal Aortic Aneurysm in the Million Veteran Program. Circulation, 2020, 142, 1633-1646. | 1.6 | 78 |
| 56 | Genetics of height and risk of atrial fibrillation: A Mendelian randomization study. PLoS Medicine, 2020, 17, e1003288. | 8.4 | 51 |
| 57 | Lack of pathogenic germline DICER1 variants in males with testicular germ-cell tumors. Cancer Genetics, 2020, 248-249, 49-56. | 0.4 | 0 |
| 58 | Teaching Old Drugs New Tricks: Statins for COVID-19?. Cell Metabolism, 2020, 32, 145-147. | 16.2 | 29 |
| 59 | SARS-CoV-2 seroprevalence among parturient women in Philadelphia. Science Immunology, 2020, 5, . | 11.9 | 121 |
| 60 | HeterozygousABCG5Gene Deficiency and Risk of Coronary Artery Disease. Circulation Genomic and Precision Medicine, 2020, 13, 417-423. | 3.6 | 45 |
| 61 | Validating a non-invasive, ALT-based non-alcoholic fatty liver phenotype in the million veteran program. PLoS ONE, 2020, 15, e0237430. | 2.5 | 15 |
| 62 | Mendelian Randomization Analysis of Hemostatic Factors and Their Contribution to Peripheral Artery Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 41, 380-386. | 2.4 | 14 |
| 63 | Selfâ€Organizing Human Induced Pluripotent Stem Cell Hepatocyte 3D Organoids Inform the Biology of the Pleiotropic TRIB1 Gene. Hepatology Communications, 2020, 4, 1316-1331. | 4.3 | 6 |
| 64 | ILRUN, a Human Plasma Lipid GWAS Locus, Regulates Lipoprotein Metabolism in Mice. Circulation Research, 2020, 127, 1347-1361. | 4.5 | 11 |
| 65 | Antiâ€Inflammatory HDL Function, Incident Cardiovascular Events, and Mortality: A Secondary Analysis of the JUPITER Randomized Clinical Trial. Journal of the American Heart Association, 2020, 9, e016507. | 3.7 | 21 |
| 66 | LDL-Cholesterol Reduction by ANGPTL3 Inhibition in Mice Is Dependent on Endothelial Lipase. Circulation Research, 2020, 127, 1112-1114. | 4.5 | 46 |
| 67 | 4365 Family-Based Study of Sleep in Autism Spectrum Disorder without Intellectual Disability. Journal of Clinical and Translational Science, 2020, 4, 72-72. | 0.6 | 0 |
| 68 | EDEM3 Modulates Plasma Triglyceride Level through Its Regulation of LRP1 Expression. IScience, 2020, 23, 100973. | 4.1 | 8 |
| 69 | 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 |
| 70 | Systematically Sifting Big Data to Identify Novel Causal Genes for Human Traits. Cell Metabolism, 2020, 31, 658-659. | 16.2 | 0 |
| 71 | Antisense oligonucleotides for atherosclerotic disease. Nature Medicine, 2020, 26, 471-472. | 30.7 | 3 |
| 72 | Novel congenital disorder of O-linked glycosylation caused by GALNT2 loss of function. Brain, 2020, 143, 1114-1126. | 7.6 | 46 |

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| 73 | Genetics of height and risk of atrial fibrillation: A Mendelian randomization study. , 2020, 17, e1003288. | | 0 |
| 74 | Genetics of height and risk of atrial fibrillation: A Mendelian randomization study. , 2020, 17, e1003288. | | 0 |
| 75 | Genetics of height and risk of atrial fibrillation: A Mendelian randomization study. , 2020, 17, e1003288. | | 0 |
| 76 | Genetics of height and risk of atrial fibrillation: A Mendelian randomization study. , 2020, 17, e1003288. | | 0 |
| 77 | Genetics of height and risk of atrial fibrillation: A Mendelian randomization study. , 2020, 17, e1003288. | | 0 |
| 78 | Associations between cardiovascular disease, cancer, and very low high-density lipoprotein cholesterol in the REasons for Geographical and Racial Differences in Stroke (REGARDS) study. Cardiovascular Research, 2019, 115, 204-212. | 3.8 | 34 |
| 79 | Association of APOL1 Risk Alleles With Cardiovascular Disease in Blacks in the Million Veteran Program. Circulation, 2019, 140, 1031-1040. | 1.6 | 31 |
| 80 | Genome-wide association study of peripheral artery disease in the Million Veteran Program. Nature Medicine, 2019, 25, 1274-1279. | 30.7 | 177 |
| 81 | Myeloid Tribbles 1 induces early atherosclerosis via enhanced foam cell expansion. Science Advances, 2019, 5, eaax9183. | 10.3 | 50 |
| 82 | 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 |
| 83 | Precision screening for familial hypercholesterolaemia: a machine learning study applied to electronic health encounter data. The Lancet Digital Health, 2019, 1, e393-e402. | 12.3 | 49 |
| 84 | Association of Inherited Pathogenic Variants in Checkpoint Kinase 2 (CHEK2) With Susceptibility to Testicular Germ Cell Tumors. JAMA Oncology, 2019, 5, 514. | 7.1 | 43 |
| 85 | Lipids, Apolipoproteins, and Risk of Atherosclerotic Cardiovascular Disease in Persons With CKD. American Journal of Kidney Diseases, 2019, 73, 827-836. | 1.9 | 43 |
| 86 | N-Glycosylation Defects in Humans Lower Low-Density Lipoprotein Cholesterol Through Increased Low-Density Lipoprotein Receptor Expression. Circulation, 2019, 140, 280-292. | 1.6 | 26 |
| 87 | Genetic and Epigenetic Fine Mapping of Complex Trait Associated Loci in the Human Liver. American Journal of Human Genetics, 2019, 105, 89-107. | 6.2 | 35 |
| 88 | Genomics-First Evaluation of Heart Disease Associated With Titin-Truncating Variants. Circulation, 2019, 140, 42-54. | 1.6 | 97 |
| 89 | Soluble FMS-Like Tyrosine Kinase-1 Is a Circulating Biomarker Associated With Calcific Aortic Stenosis. Journal of the American College of Cardiology, 2019, 73, 1364-1365. | 2.8 | 2 |
| 90 | 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 |

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|---|---|---|---|
| 91 | Manganese homeostasis: from rare single-gene disorders to complex phenotypes and diseases. Journal of Clinical Investigation, 2019, 129, 5082-5085. | 8.2 | 16 |
| 92 | A Targeted, Differential Top-Down Proteomic Methodology for Comparison of ApoA-I Proteoforms in Individuals with High and Low HDL Efflux Capacity. Journal of Proteome Research, 2018, 17, 2156-2164. | 3.7 | 30 |
| 93 | 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 |
| 94 | Autophagy Is Required for Sortilin-Mediated Degradation of Apolipoprotein B100. Circulation Research, 2018, 122, 568-582. | 4.5 | 35 |
| 95 | A Protein-TruncatingHSD17B13Variant and Protection from Chronic Liver Disease. New England Journal of Medicine, 2018, 378, 1096-1106. | 27.0 | 556 |
| 96 | Lipoprotein Disorders. , 2018, , 27-46. | | 1 |
| 97 | Mining the Stiffness-Sensitive Transcriptome in Human Vascular Smooth Muscle Cells Identifies Long Noncoding RNA Stiffness Regulators. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 164-173. | 2.4 | 43 |
| 98 | Trials and Tribulations of CETP Inhibitors. Circulation Research, 2018, 122, 106-112. | 4.5 | 210 |
| 99 | Role of angiopoietin-like 3 (ANGPTL3) in regulating plasma level of low-density lipoprotein cholesterol. Atherosclerosis, 2018, 268, 196-206. | 0.8 | 81 |
| 100 | Interrogation of the Atherosclerosis-Associated SORT1 (Sortilin 1) Locus With Primary Human Hepatocytes, Induced Pluripotent Stem Cell-Hepatocytes, and Locus-Humanized Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 76-82. | 2.4 | 28 |
| 101 | 2003 Mixed meal effects of neprilysin inhibition. Journal of Clinical and Translational Science, 2018, 2, 44-44. | 0.6 | 0 |
| 102 | Genomic Risk Stratification Predicts All-Cause Mortality After Cardiac Catheterization. Circulation Genomic and Precision Medicine, 2018, 11, e002352. | 3.6 | 16 |
| 103 | Genetic Variants Associated With Plasma Lipids Are Associated With the Lipid Response to Niacin. Journal of the American Heart Association, 2018, 7, e03488. | 3.7 | 8 |
| 104 | FP526VASCULAR CXCR4 LIMITS ATHEROSCLEROSIS BY MAINTAINING ARTERIAL INTEGRITY. Nephrology Dialysis Transplantation, 2018, 33, i216-i216. | 0.7 | 1 |
| 105 | Genetics of blood lipids among ~300,000 multi-ethnic participants of the Million Veteran Program. Nature Genetics, 2018, 50, 1514-1523. | 21.4 | 497 |
| 106 | Multiplexed Targeted Resequencing Identifies Coding and Regulatory Variation Underlying Phenotypic Extremes of High-Density Lipoprotein Cholesterol in Humans. Circulation Genomic and Precision Medicine, 2018, 11, e002070. | 3.6 | 5 |
| 107 | Clinical Genetic Testing for FamilialÂHypercholesterolemia. Journal of the American College of Cardiology, 2018, 72, 662-680. | 2.8 | 387 |
| 108 | Apolipoprotein A-I Infusion Therapies for Coronary Disease. JAMA Cardiology, 2018, 3, 799. | 6.1 | 26 |

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|---|---|---|---|
| 109 | Directional ABCA1-mediated cholesterol efflux and apoB-lipoprotein secretion in the retinal pigment epithelium. Journal of Lipid Research, 2018, 59, 1927-1939. | 4.2 | 21 |
| 110 | Multi-ethnic genome-wide association study for atrial fibrillation. Nature Genetics, 2018, 50, 1225-1233. | 21.4 | 552 |
| 111 | Zinc transporter Slc39a8 is essential for cardiac ventricular compaction. Journal of Clinical Investigation, 2018, 128, 826-833. | 8.2 | 39 |
| 112 | Biomarkers of Calcific Aortic Valve Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 623-632. | 2.4 | 63 |
| 113 | A novel approach to measuring macrophage-specific reverse cholesterol transport in vivo in humans. Journal of Lipid Research, 2017, 58, 752-762. | 4.2 | 22 |
| 114 | Overexpression and deletion of phospholipid transfer protein reduce HDL mass and cholesterol efflux capacity but not macrophage reverse cholesterol transport. Journal of Lipid Research, 2017, 58, 731-741. | 4.2 | 13 |
| 115 | Intracoronary Imaging, Reverse Cholesterol Transport, and Transcriptomics. Journal of the American College of Cardiology, 2017, 69, 641-643. | 2.8 | 2 |
| 116 | Mediterranean Approach to Improving High-Density Lipoprotein Function. Circulation, 2017, 135, 644-647. | 1.6 | 5 |
| 117 | Deep Apolipoprotein Proteomics toÂUncover Mechanisms of CoronaryÂDiseaseÂRisk â^—. Journal of the American College of Cardiology, 2017, 69, 801-804. | 2.8 | 4 |
| 118 | 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 |
| 119 | Human knockouts and phenotypic analysis in a cohort with a high rate of consanguinity. Nature, 2017, 544, 235-239. | 27.8 | 292 |
| 120 | Hepatic protein phosphatase 1 regulatory subunit 3B (Ppp1r3b) promotes hepatic glycogen synthesis and thereby regulates fasting energy homeostasis. Journal of Biological Chemistry, 2017, 292, 10444-10454. | 3.4 | 54 |
| 121 | Loss of Cardioprotective Effects at the ADAMTS7 Locus as a Result of Gene-Smoking Interactions. Circulation, 2017, 135, 2336-2353. | 1.6 | 51 |
| 122 | Cholesterol Efflux Capacity, High-Density Lipoprotein Particle Number, and Incident Cardiovascular Events. Circulation, 2017, 135, 2494-2504. | 1.6 | 180 |
| 123 | Evacetrapib and Cardiovascular Outcomes in High-Risk Vascular Disease. New England Journal of Medicine, 2017, 376, 1933-1942. | 27.0 | 593 |
| 124 | Lack of MTTP Activity in Pluripotent Stem Cell-Derived Hepatocytes and Cardiomyocytes Abolishes apoB Secretion and Increases Cell Stress. Cell Reports, 2017, 19, 1456-1466. | 6.4 | 36 |
| 125 | Text mining applied to electronic cardiovascular procedure reports to identify patients with trileaflet aortic stenosis and coronary artery disease. Journal of Biomedical Informatics, 2017, 72, 77-84. | 4.3 | 26 |
| 126 | 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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|---|---|---|---|
| 127 | Genetic and Pharmacologic Inactivation of ANGPTL3 and Cardiovascular Disease. New England Journal of Medicine, 2017, 377, 211-221. | 27.0 | 633 |
| 128 | Genetic-Variation-Driven Gene-Expression Changes Highlight Genes with Important Functions for Kidney Disease. American Journal of Human Genetics, 2017, 100, 940-953. | 6.2 | 81 |
| 129 | ANGPTL3 Deficiency and Protection Against Coronary Artery Disease. Journal of the American College of Cardiology, 2017, 69, 2054-2063. | 2.8 | 348 |
| 130 | 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 |
| 131 | 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 |
| 132 | Exome-wide association study of plasma lipids in >300,000 individuals. Nature Genetics, 2017, 49, 1758-1766. | 21.4 | 470 |
| 133 | Fine Mapping and Functional Analysis Reveal a Role of SLC22A1 in Acylcarnitine Transport. American Journal of Human Genetics, 2017, 101, 489-502. | 6.2 | 52 |
| 134 | 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 |
| 135 | New insights into the role of glycosylation in lipoprotein metabolism. Current Opinion in Lipidology, 2017, 28, 502-506. | 2.7 | 17 |
| 136 | Can changes in the plasma lipidome help explain the cardiovascular benefits of the Mediterranean diet?. American Journal of Clinical Nutrition, 2017, 106, 965-966. | 4.7 | 1 |
| 137 | Polygenic determinants in extremes of high-density lipoprotein cholesterol. Journal of Lipid Research, 2017, 58, 2162-2170. | 4.2 | 49 |
| 138 | Large-Scale Analysis of Determinants, Stability, and Heritability of High-Density Lipoprotein Cholesterol Efflux Capacity. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 1956-1962. | 2.4 | 33 |
| 139 | Cascade Screening for Familial Hypercholesterolemia and the Use of Genetic Testing. JAMA - Journal of the American Medical Association, 2017, 318, 381. | 7.4 | 138 |
| 140 | Oral Apolipoprotein Aâ€Ⅰ Mimetic Dâ€4F Lowers HDLâ€Ⅰnflammatory Index in Highâ€Risk Patients: A Firstâ€Ⅰnâ€Human Multipleâ€Dose, Randomized Controlled Trial. Clinical and Translational Science, 2017, 10, 455-469. | 3.1 | 56 |
| 141 | HDL Cholesterol Metabolism and the Risk of CHD: New Insights from Human Genetics. Current Cardiology Reports, 2017, 19, 132. | 2.9 | 85 |
| 142 | Paradoxical coronary artery disease in humans with hyperalphalipoproteinemia is associated with distinct differences in the high-density lipoprotein phosphosphingolipidome. Journal of Clinical Lipidology, 2017, 11, 1192-1200.e3. | 1.5 | 9 |
| 143 | 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 |
| 144 | Hepatic metal ion transporter ZIP8 regulates manganese homeostasis and manganese-dependent enzyme activity. Journal of Clinical Investigation, 2017, 127, 2407-2417. | 8.2 | 121 |

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|---|---|---|---|
| 145 | mTORC1 stimulates phosphatidylcholine synthesis to promote triglyceride secretion. Journal of Clinical Investigation, 2017, 127, 4207-4215. | 8.2 | 71 |
| 146 | TTC39B deficiency stabilizes LXR reducing both atherosclerosis and steatohepatitis. Nature, 2016, 535, 303-307. | 27.8 | 72 |
| 147 | â€œPhenoâ€menal value for human health. Science, 2016, 354, 1534-1536. | 12.6 | 12 |
| 148 | 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 |
| 149 | Targeted exonic sequencing of GWAS loci in the high extremes of the plasma lipids distribution. Atherosclerosis, 2016, 250, 63-68. | 0.8 | 11 |
| 150 | Coding Variation inANGPTL4,LPL,andSVEP1and the Risk of Coronary Disease. New England Journal of Medicine, 2016, 374, 1134-1144. | 27.0 | 427 |
| 151 | Effects of the cholesteryl ester transfer protein inhibitor, TA-8995, on cholesterol efflux capacity and high-density lipoprotein particle subclasses. Journal of Clinical Lipidology, 2016, 10, 1137-1144.e3. | 1.5 | 26 |
| 152 | Cholesterol efflux capacity of high-density lipoprotein correlates with survival and allograft vasculopathy in cardiac transplant recipients. Journal of Heart and Lung Transplantation, 2016, 35, 1295-1302. | 0.6 | 12 |
| 153 | Loss of Function of GALNT2 Lowers High-Density Lipoproteins in Humans, Nonhuman Primates, and Rodents. Cell Metabolism, 2016, 24, 234-245. | 16.2 | 103 |
| 154 | Targeting ApoC-III to Reduce Coronary Disease Risk. Current Atherosclerosis Reports, 2016, 18, 54. | 4.8 | 31 |
| 155 | Improving cardiovascular outcomes by intensifying low density lipoprotein lowering therapy in high-risk patients. European Heart Journal, 2016, 37, 3585-3587. | 2.2 | 3 |
| 156 | Therapeutic Targets of Triglyceride Metabolism as Informed by Human Genetics. Trends in Molecular Medicine, 2016, 22, 328-340. | 6.7 | 27 |
| 157 | Recent advances in the pharmacological management of hypercholesterolaemia. Lancet Diabetes and Endocrinology,the, 2016, 4, 436-446. | 11.4 | 28 |
| 158 | Rare variant in scavenger receptor BI raises HDL cholesterol and increases risk of coronary heart disease. Science, 2016, 351, 1166-1171. | 12.6 | 438 |
| 159 | Treatment Gaps in Adults With Heterozygous Familial Hypercholesterolemia in the United States. Circulation: Cardiovascular Genetics, 2016, 9, 240-249. | 5.1 | 170 |
| 160 | From Loci to Biology. Circulation Research, 2016, 118, 586-606. | 4.5 | 54 |
| 161 | New Therapeutic Approaches to the Treatment of Dyslipidemia. Cell Metabolism, 2016, 23, 405-412. | 16.2 | 67 |
| 162 | Cholesteryl Ester Transfer Protein Inhibition With Anacetrapib Decreases Fractional Clearance Rates of High-Density Lipoprotein Apolipoprotein A-I and Plasma Cholesteryl Ester Transfer Protein. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 994-1002. | 2.4 | 32 |

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