# Karin E Bornfeldt

List of Publications by Year
in descending order



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|---|---|---|---|
| 137 papers | 10,788 citations | 41344<br>49 h-index | 32842<br>100 g-index |
| 138 all docs | 138 docs citations | 138 times ranked | 13441 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Macrophage Phenotype and Function in Different Stages of Atherosclerosis. Circulation Research, 2016, 118, 653-667. | 4.5 | 760 |
| 2 | Insulin Resistance, Hyperglycemia, and Atherosclerosis. Cell Metabolism, 2011, 14, 575-585. | 16.2 | 619 |
| 3 | Fibrillar Collagen Inhibits Arterial Smooth Muscle Proliferation through Regulation of Cdk2 Inhibitors. Cell, 1996, 87, 1069-1078. | 28.9 | 502 |
| 4 | Cyclic GMP Phosphodiesterases and Regulation of Smooth Muscle Function. Circulation Research, 2003, 93, 280-291. | 4.5 | 464 |
| 5 | Protein kinase A antagonizes platelet-derived growth factor-induced signaling by mitogen-activated protein kinase in human arterial smooth muscle cells.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 10300-10304. | 7.1 | 460 |
| 6 | Adipose Tissue Macrophages Promote Myelopoiesis and Monocytosis in Obesity. Cell Metabolism, 2014, 19, 821-835. | 16.2 | 395 |
| 7 | Insulin-like growth factor-I and platelet-derived growth factor-BB induce directed migration of human arterial smooth muscle cells via signaling pathways that are distinct from those of proliferation.. Journal of Clinical Investigation, 1994, 93, 1266-1274. | 8.2 | 373 |
| 8 | Sphingosine-1-phosphate inhibits PDGF-induced chemotaxis of human arterial smooth muscle cells: spatial and temporal modulation of PDGF chemotactic signal transduction.. Journal of Cell Biology, 1995, 130, 193-206. | 5.2 | 277 |
| 9 | Atherosclerosis. Circulation Research, 2016, 118, 531-534. | 4.5 | 245 |
| 10 | Diabetes promotes an inflammatory macrophage phenotype and atherosclerosis through acyl-CoA synthetase 1. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E715-24. | 7.1 | 240 |
| 11 | cAMP- and rapamycin-sensitive regulation of the association of eukaryotic initiation factor 4E and the translational regulator PHAS-I in aortic smooth muscle cells.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 7222-7226. | 7.1 | 217 |
| 12 | Leptin Induces Insulin-like Signaling That Antagonizes cAMP Elevation by Glucagon in Hepatocytes. Journal of Biological Chemistry, 2000, 275, 11348-11354. | 3.4 | 214 |
| 13 | Leptin inhibits insulin secretion by activation of phosphodiesterase 3B.. Journal of Clinical Investigation, 1998, 102, 869-873. | 8.2 | 213 |
| 14 | Diabetes and atherosclerosis: is there a role for hyperglycemia?. Journal of Lipid Research, 2009, 50, S335-S339. | 4.2 | 191 |
| 15 | Plateletâ€derived Growth Factor. Annals of the New York Academy of Sciences, 1995, 766, 416-430. | 3.8 | 187 |
| 16 | Diabetes Accelerates Smooth Muscle Accumulation in Lesions of Atherosclerosis: Lack of Direct Growth-Promoting Effects of High Glucose Levels. Diabetes, 2001, 50, 851-860. | 0.6 | 185 |
| 17 | Regulation of insulin-like growth factor-I and growth hormone receptor gene expression by diabetes and nutritional state in rat tissues. Journal of Endocrinology, 1989, 122, 651-656. | 2.6 | 176 |
| 18 | S100A8 and S100A9 in Cardiovascular Biology and Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 223-229. | 2.4 | 174 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Diabetes and diabetes-associated lipid abnormalities have distinct effects on initiation and progression of atherosclerotic lesions. Journal of Clinical Investigation, 2004, 114, 659-668. | 8.2 | 171 |
| 20 | S100A9 Differentially Modifies Phenotypic States of Neutrophils, Macrophages, and Dendritic Cells. Circulation, 2011, 123, 1216-1226. | 1.6 | 147 |
| 21 | The mitogen-activated protein kinase pathway can mediate growth inhibition and proliferation in smooth muscle cells. Dependence on the availability of downstream targets.. Journal of Clinical Investigation, 1997, 100, 875-885. | 8.2 | 143 |
| 22 | Revised nomenclature for the mammalian long-chain acyl-CoA synthetase gene family. Journal of Lipid Research, 2004, 45, 1958-1961. | 4.2 | 142 |
| 23 | Defective Phagocytosis of Apoptotic Cells by Macrophages in Atherosclerotic Lesions of ob/ob Mice and Reversal by a Fish Oil Diet. Circulation Research, 2009, 105, 1072-1082. | 4.5 | 128 |
| 24 | Remnants of the Triglyceride-Rich Lipoproteins, Diabetes, and Cardiovascular Disease. Diabetes, 2020, 69, 508-516. | 0.6 | 126 |
| 25 | Crosstalk Between Protein Kinase A and Growth Factor Receptor Signaling Pathways in Arterial Smooth Muscle. Cellular Signalling, 1999, 11, 465-477. | 3.6 | 119 |
| 26 | Diabetes and diabetes-associated lipid abnormalities have distinct effects on initiation and progression of atherosclerotic lesions. Journal of Clinical Investigation, 2004, 114, 659-668. | 8.2 | 119 |
| 27 | Intracellular and Intercellular Aspects of Macrophage Immunometabolism in Atherosclerosis. Circulation Research, 2020, 126, 1209-1227. | 4.5 | 116 |
| 28 | Role of Protein Kinase C on the Expression of Platelet-Derived Growth Factor and Endothelin-1 in the Retina of Diabetic Rats and Cultured Retinal Capillary Pericytes. Diabetes, 2003, 52, 838-845. | 0.6 | 115 |
| 29 | Long-chain acyl-CoA synthetase 4 modulates prostaglandin E2 release from human arterial smooth muscle cells. Journal of Lipid Research, 2011, 52, 782-793. | 4.2 | 114 |
| 30 | Cyclic Nucleotide Phosphodiesterase 1C Promotes Human Arterial Smooth Muscle Cell Proliferation. Circulation Research, 2002, 90, 151-157. | 4.5 | 113 |
| 31 | Hyperlipidemia in Concert With Hyperglycemia Stimulates the Proliferation of Macrophages in Atherosclerotic Lesions: Potential Role of Glucose-Oxidized LDL. Diabetes, 2004, 53, 3217-3225. | 0.6 | 106 |
| 32 | Do Glucose and Lipids Exert Independent Effects on Atherosclerotic Lesion Initiation or Progression to Advanced Plaques?. Circulation Research, 2007, 100, 769-781. | 4.5 | 105 |
| 33 | Novel insights into the role of <scp>S</scp>100<scp>A</scp>8/<scp>A</scp>9 in skin biology. Experimental Dermatology, 2012, 21, 822-826. | 2.9 | 98 |
| 34 | Unique Proteomic Signatures Distinguish Macrophages and Dendritic Cells. PLoS ONE, 2012, 7, e33297. | 2.5 | 91 |
| 35 | Platelet-derived Growth Factor Stimulates Protein Kinase A through a Mitogen-activated Protein Kinase-dependent Pathway in Human Arterial Smooth Muscle Cells. Journal of Biological Chemistry, 1996, 271, 505-511. | 3.4 | 90 |
| 36 | Cardiovascular disease in diabetes, beyond glucose. Cell Metabolism, 2021, 33, 1519-1545. | 16.2 | 87 |

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|---|---|---|---|
| 37 | Coordinate Regulation of Lipid Metabolism by Novel Nuclear Receptor Partnerships. PLoS Genetics, 2012, 8, e1002645. | 3.5 | 86 |
| 38 | Anti-Inflammatory Effects of HDL (High-Density Lipoprotein) in Macrophages Predominate Over Proinflammatory Effects in Atherosclerotic Plaques. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, e253-e272. | 2.4 | 86 |
| 39 | An Inducible and Reversible Mouse Genetic Rescue System. PLoS Genetics, 2008, 4, e1000069. | 3.5 | 82 |
| 40 | Molecular pathways of cyclic nucleotide-induced inhibition of arterial smooth muscle cell proliferation. Journal of Cellular Physiology, 2001, 186, 1-10. | 4.1 | 81 |
| 41 | Rosiglitazone Inhibits Acyl-CoA Synthetase Activity and Fatty Acid Partitioning to Diacylglycerol and Triacylglycerol via a Peroxisome Proliferator-Activated Receptor-Â-Independent Mechanism in Human Arterial Smooth Muscle Cells and Macrophages. Diabetes, 2007, 56, 1143-1152. | 0.6 | 77 |
| 42 | Type 1 diabetes promotes disruption of advanced atherosclerotic lesions in LDL receptor-deficient mice. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 2082-2087. | 7.1 | 76 |
| 43 | Increased apolipoprotein C3 drives cardiovascular risk in type 1 diabetes. Journal of Clinical Investigation, 2019, 129, 4165-4179. | 8.2 | 76 |
| 44 | Diabetes reduces the cholesterol exporter ABCA1 in mouse macrophages and kidneys. Journal of Lipid Research, 2010, 51, 1719-1728. | 4.2 | 74 |
| 45 | Testing the Role of Myeloid Cell Glucose Flux in Inflammation and Atherosclerosis. Cell Reports, 2014, 7, 356-365. | 6.4 | 69 |
| 46 | The insulin-like growth factor system in vascular smooth muscle: Interaction with insulin and growth factors. Metabolism: Clinical and Experimental, 1995, 44, 58-66. | 3.4 | 63 |
| 47 | Acyl-CoA Synthetase 1 Is Induced by Gram-negative Bacteria and Lipopolysaccharide and Is Required for Phospholipid Turnover in Stimulated Macrophages. Journal of Biological Chemistry, 2013, 288, 9957-9970. | 3.4 | 57 |
| 48 | IGF-I/insulin hybrid receptors in human endothelial cells. Molecular and Cellular Endocrinology, 2005, 229, 31-37. | 3.2 | 53 |
| 49 | Macrophage Metalloelastase (MMP12) Regulates Adipose Tissue Expansion, Insulin Sensitivity, and Expression of Inducible Nitric Oxide Synthase. Endocrinology, 2014, 155, 3409-3420. | 2.8 | 51 |
| 50 | Identification, Quantitation, and Cellular Localization of PDE1 Calmodulin-Stimulated Cyclic Nucleotide Phosphodiesterases. Methods, 1998, 14, 3-19. | 3.8 | 50 |
| 51 | Inflammation and diabetes-accelerated atherosclerosis: myeloid cell mediators. Trends in Endocrinology and Metabolism, 2013, 24, 137-144. | 7.1 | 50 |
| 52 | Novel Reversible Model of Atherosclerosis and Regression Using Oligonucleotide Regulation of the LDL Receptor. Circulation Research, 2018, 122, 560-567. | 4.5 | 50 |
| 53 | Cyclic AMP-Specific Phosphodiesterase 4 Inhibitors Promote ABCA1 Expression and Cholesterol Efflux. Biochemical and Biophysical Research Communications, 2002, 290, 663-669. | 2.1 | 47 |
| 54 | Highlighting Residual Atherosclerotic Cardiovascular Disease Risk. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, e1-e9. | 2.4 | 45 |

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|---|---|---|---|
| 55 | Monocytes and Macrophages as Protagonists in Vascular Complications of Diabetes. Frontiers in Cardiovascular Medicine, 2020, 7, 10. | 2.4 | 45 |
| 56 | Modulating the Gut Microbiota Improves Glucose Tolerance, Lipoprotein Profile and Atherosclerotic Plaque Development in ApoE-Deficient Mice. PLoS ONE, 2016, 11, e0146439. | 2.5 | 44 |
| 57 | Aggressive Very Low-Density Lipoprotein (VLDL) and LDL Lowering by Gene Transfer of the VLDL Receptor Combined with a Low-Fat Diet Regimen Induces Regression and Reduces Macrophage Content in Advanced Atherosclerotic Lesions in LDL Receptor-Deficient Mice. American Journal of Pathology, 2006, 168, 2064-2073. | 3.8 | 42 |
| 58 | Diabetes Impairs Cellular Cholesterol Efflux From ABCA1 to Small HDL Particles. Circulation Research, 2020, 127, 1198-1210. | 4.5 | 41 |
| 59 | High-Density Lipoprotein Function in Cardiovascular Disease and Diabetes Mellitus. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, e10-e16. | 2.4 | 39 |
| 60 | High Concentration of Medium-Sized HDL Particles and Enrichment in HDL Paraoxonase 1 Associate With Protection From Vascular Complications in People With Long-standing Type 1 Diabetes. Diabetes Care, 2020, 43, 178-186. | 8.6 | 39 |
| 61 | Adenylyl Cyclase 3 Mediates Prostaglandin E2-induced Growth Inhibition in Arterial Smooth Muscle Cells. Journal of Biological Chemistry, 2001, 276, 34206-34212. | 3.4 | 37 |
| 62 | Acyl-CoA synthetase 1 is required for oleate and linoleate mediated inhibition of cholesterol efflux through ATP-binding cassette transporter A1 in macrophages. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2012, 1821, 358-364. | 2.4 | 37 |
| 63 | Lipids and the Endothelium: Bidirectional Interactions. Current Atherosclerosis Reports, 2013, 15, 365. | 4.8 | 37 |
| 64 | SCAP/SREBP pathway is required for the full steroidogenic response to cyclic AMP. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E5685-93. | 7.1 | 37 |
| 65 | Oleate and Linoleate Enhance the Growth-promoting Effects of Insulin-like Growth Factor-I through a Phospholipase D-dependent Pathway in Arterial Smooth Muscle Cells. Journal of Biological Chemistry, 2002, 277, 36338-36344. | 3.4 | 36 |
| 66 | Impact of Diabetes Mellitus. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1049-1053. | 2.4 | 36 |
| 67 | Metabolic Flexibility and Dysfunction in Cardiovascular Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, e37-42. | 2.4 | 35 |
| 68 | Cyclic Nucleotide Phosphodiesterases and Human Arterial Smooth Muscle Cell Proliferation. Thrombosis and Haemostasis, 1999, 82, 424-434. | 3.4 | 34 |
| 69 | Direct effects of long-chain non-esterified fatty acids on vascular cells and their relevance to macrovascular complications of diabetes. Frontiers in Bioscience - Landmark, 2004, 9, 1240. | 3.0 | 34 |
| 70 | 2013 Russell Ross Memorial Lecture in Vascular Biology. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 705-714. | 2.4 | 34 |
| 71 | Diabetes-Accelerated Atherosclerosis and Inflammation. Circulation Research, 2008, 103, e116-7. | 4.5 | 31 |
| 72 | Lipids versus glucose in inflammation and the pathogenesis of macrovascular disease in diabetes. Current Diabetes Reports, 2009, 9, 18-25. | 4.2 | 31 |

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|---|---|---|---|
| 73 | Endothelial Acyl-CoA Synthetase 1 Is Not Required for Inflammatory and Apoptotic Effects of a Saturated Fatty Acid-Rich Environment. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 232-240. | 2.4 | 31 |
| 74 | Cardiomyocyte-specific disruption of Cathepsin K protects against doxorubicin-induced cardiotoxicity. Cell Death and Disease, 2018, 9, 692. | 6.3 | 31 |
| 75 | Mouse Models for Studies of Cardiovascular Complications of Type 1 Diabetes. Annals of the New York Academy of Sciences, 2007, 1103, 202-217. | 3.8 | 30 |
| 76 | Granulocyte/Macrophage Colony-stimulating Factor-dependent Dendritic Cells Restrain Lean Adipose Tissue Expansion. Journal of Biological Chemistry, 2015, 290, 14656-14667. | 3.4 | 30 |
| 77 | Long-term Western diet fed apolipoprotein E-deficient rats exhibit only modest early atherosclerotic characteristics. Scientific Reports, 2018, 8, 5416. | 3.3 | 30 |
| 78 | Effects of High Fat Feeding and Diabetes on Regression of Atherosclerosis Induced by Low-Density Lipoprotein Receptor Gene Therapy in LDL Receptor-Deficient Mice. PLoS ONE, 2015, 10, e0128996. | 2.5 | 30 |
| 79 | TNF-Î± induces acyl-CoA synthetase 3 to promote lipid droplet formation in human endothelial cells. Journal of Lipid Research, 2020, 61, 33-44. | 4.2 | 29 |
| 80 | VASP Increases Hepatic Fatty Acid Oxidation by Activating AMPK in Mice. Diabetes, 2013, 62, 1913-1922. | 0.6 | 27 |
| 81 | Intracellular Signaling in Arterial Smooth Muscle Migration versus Proliferation. Trends in Cardiovascular Medicine, 1996, 6, 143-151. | 4.9 | 26 |
| 82 | Platelet-derived Growth Factor Differentially Regulates the Expression and Post-translational Modification of Versican by Arterial Smooth Muscle Cells through Distinct Protein Kinase C and Extracellular Signal-regulated Kinase Pathways. Journal of Biological Chemistry, 2010, 285, 6987-6995. | 3.4 | 26 |
| 83 | Does Elevated Glucose Promote Atherosclerosis? Pros and Cons. Circulation Research, 2016, 119, 190-193. | 4.5 | 26 |
| 84 | Hypertriglyceridemia and Atherosclerosis: Using Human Research to Guide Mechanistic Studies in Animal Models. Frontiers in Endocrinology, 2020, 11, 504. | 3.5 | 26 |
| 85 | A Novel Strategy to Prevent Advanced Atherosclerosis and Lower Blood Glucose in a Mouse Model of Metabolic Syndrome. Diabetes, 2018, 67, 946-959. | 0.6 | 25 |
| 86 | Genetic association of long-chain acyl-CoA synthetase 1 variants with fasting glucose, diabetes, and subclinical atherosclerosis. Journal of Lipid Research, 2016, 57, 433-442. | 4.2 | 24 |
| 87 | Neutrophil and Macrophage Cell Surface Colony-Stimulating Factor 1 Shed by ADAM17 Drives Mouse Macrophage Proliferation in Acute and Chronic Inflammation. Molecular and Cellular Biology, 2018, 38, . | 2.3 | 24 |
| 88 | Inflammatory stimuli induce acyl-CoA thioesterase 7 and remodeling of phospholipids containing unsaturated long (â‰¥C20)-acyl chains in macrophages. Journal of Lipid Research, 2017, 58, 1174-1185. | 4.2 | 21 |
| 89 | Smooth muscle glucose metabolism promotes monocyte recruitment and atherosclerosis in a mouse model of metabolic syndrome. JCI Insight, 2018, 3, . | 5.0 | 21 |
| 90 | Stressing Rac, Ras, and Downstream Heat Shock Protein 70. Circulation Research, 2000, 86, 1101-1103. | 4.5 | 20 |

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|---|---|---|---|
| 91 | Albuminuria, the High-Density Lipoprotein Proteome, and Coronary Artery Calcification in Type 1 Diabetes Mellitus. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 1483-1491. | 2.4 | 20 |
| 92 | The p75 Neurotrophin Receptor Is Required for the Major Loss of Sympathetic Nerves From Islets Under Autoimmune Attack. Diabetes, 2014, 63, 2369-2379. | 0.6 | 19 |
| 93 | Atherosclerosis Regression and Cholesterol Efflux in Hypertriglyceridemic Mice. Circulation Research, 2021, 128, 690-705. | 4.5 | 18 |
| 94 | Uncomplicating the Macrovascular Complications of Diabetes: The 2014 Edwin Bierman Award Lecture: Figure 1. Diabetes, 2015, 64, 2689-2697. | 0.6 | 17 |
| 95 | Apolipoprotein A1 Forms 5/5 and 5/4 Antiparallel Dimers in Human High-density Lipoprotein. Molecular and Cellular Proteomics, 2019, 18, 854a-864. | 3.8 | 17 |
| 96 | 5 Historical perspectives and new insights involving the MAP kinase cascades. Advances in Second Messenger and Phosphoprotein Research, 1997, 31, 49-62. | 4.5 | 17 |
| 97 | Myeloid Cell Prostaglandin E2 Receptor EP4 Modulates Cytokine Production but Not Atherogenesis in a Mouse Model of Type 1 Diabetes. PLoS ONE, 2016, 11, e0158316. | 2.5 | 17 |
| 98 | Diabetic vascular disease and the potential role of macrophage glucose metabolism. Annals of Medicine, 2012, 44, 555-563. | 3.8 | 16 |
| 99 | Arterial Smooth Muscle. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 2175-2179. | 2.4 | 16 |
| 100 | Receptors for insulin-like growth factor-I in plasma membranes isolated from bovine mesenteric arteries. European Journal of Endocrinology, 1988, 117, 428-434. | 3.7 | 15 |
| 101 | A Single Second Messenger. Circulation Research, 2006, 99, 790-792. | 4.5 | 15 |
| 102 | Emerging Targets for Cardiovascular Disease Prevention in Diabetes. Trends in Molecular Medicine, 2020, 26, 744-757. | 6.7 | 15 |
| 103 | Triglyceride lowering by omega-3 fatty acids: a mechanism mediated by N-acyl taurines. Journal of Clinical Investigation, 2021, 131, . | 8.2 | 15 |
| 104 | A Novel Type 2 Diabetes Mouse Model of Combined Diabetic Kidney Disease and Atherosclerosis. American Journal of Pathology, 2018, 188, 343-352. | 3.8 | 14 |
| 105 | Niacin Increases Atherogenic Proteins in High-Density Lipoprotein of Statin-Treated Subjects. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 2330-2341. | 2.4 | 14 |
| 106 | Association of apolipoprotein C3 with insulin resistance and coronary artery calcium in patients with type 1 diabetes. Journal of Clinical Lipidology, 2021, 15, 235-242. | 1.5 | 13 |
| 107 | Diabetes Suppresses Glucose Uptake and Glycolysis in Macrophages. Circulation Research, 2022, 130, 779-781. | 4.5 | 13 |
| 108 | Studies on the Effect of Different Inhibitors of Arachidonic Acid Metabolism on Glyceryltrinitrateâ€induced Relaxation and cGMP Elevation in Bovine Vascular Tissue. Basic and Clinical Pharmacology and Toxicology, 1987, 60, 110-116. | 0.0 | 12 |

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|---|---|---|---|
| 109 | Sparing effect of leptin on liver glycogen stores in rats during the fed-to-fasted transition. American Journal of Physiology - Endocrinology and Metabolism, 1999, 277, E544-E550. | 3.5 | 12 |
| 110 | Evidence Stacks Up That Endothelial Insulin Resistance Is a Culprit in Atherosclerosis. Circulation Research, 2013, 113, 352-354. | 4.5 | 12 |
| 111 | CREBH normalizes dyslipidemia and halts atherosclerosis in diabetes by decreasing circulating remnant lipoproteins. Journal of Clinical Investigation, 2021, 131, . | 8.2 | 12 |
| 112 | How does diabetes accelerate atherosclerotic plaque rupture and arterial occlusion. Frontiers in Bioscience - Landmark, 2003, 8, s1371-1383. | 3.0 | 10 |
| 113 | The Remnant Lipoprotein Hypothesis of Diabetes-Associated Cardiovascular Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2022, 42, 819-830. | 2.4 | 10 |
| 114 | How Far We Have Come, How Far We Have Yet to Go in Atherosclerosis Research. Circulation Research, 2020, 126, 1107-1111. | 4.5 | 9 |
| 115 | JCL roundtable: Lipids and inflammation in atherosclerosis. Journal of Clinical Lipidology, 2021, 15, 3-17. | 1.5 | 8 |
| 116 | The Cyclin-Dependent Kinase Pathway Moves Forward. Circulation Research, 2003, 92, 345-347. | 4.5 | 7 |
| 117 | GPIHBP1. Circulation Research, 2015, 116, 560-562. | 4.5 | 7 |
| 118 | Conformational flexibility of apolipoprotein A-I amino- and carboxy-termini is necessary for lipid binding but not cholesterol efflux. Journal of Lipid Research, 2022, 63, 100168. | 4.2 | 7 |
| 119 | Pulmonary surfactant protein B carried by HDL predicts incident CVD in patients with type 1 diabetes. Journal of Lipid Research, 2022, 63, 100196. | 4.2 | 7 |
| 120 | Apolipoprotein C3 and apolipoprotein B colocalize in proximity to macrophages in atherosclerotic lesions inÂdiabetes. Journal of Lipid Research, 2021, 62, 100010. | 4.2 | 6 |
| 121 | Nuclear Signaling in Smooth Muscle Cells. Circulation Research, 2006, 98, 720-722. | 4.5 | 5 |
| 122 | Integrin Î± <sub>7</sub> Î² <sub>1</sub> COMPels Smooth Muscle Cells to Maintain Their Quiescence. Circulation Research, 2010, 106, 427-429. | 4.5 | 5 |
| 123 | A Role of the Heme Degradation Pathway in Shaping Prostate Inflammatory Responses and Lipid Metabolism. American Journal of Pathology, 2020, 190, 830-843. | 3.8 | 5 |
| 124 | Phosphoproteomic Analysis as an Approach for Understanding Molecular Mechanisms of cAMP-Dependent Actions. Molecular Pharmacology, 2021, 99, 342-357. | 2.3 | 5 |
| 125 | Growing evidence for a role for acyl-CoA synthetase 1 in immunometabolism. Journal of Leukocyte Biology, 2019, 106, 787-790. | 3.3 | 4 |
| 126 | ADAM17 Boosts Cholesterol Efflux and Downstream Effects of High-Density Lipoprotein on Inflammatory Pathways in Macrophages. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 1854-1873. | 2.4 | 4 |

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|---|---|---|---|
| 127 | Hematopoietic Cellâ€"Expressed Endothelial Nitric Oxide Protects the Liver From Insulin Resistance. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 670-681. | 2.4 | 4 |
| 128 | Liver Kinase B1 Links Macrophage Metabolism Sensing and Atherosclerosis. Circulation Research, 2017, 121, 1024-1026. | 4.5 | 3 |
| 129 | A Long Road Ahead for Discovering NewÂHDL Metrics That Reflect Cardiovascular Disease Risk âˆ—. Journal of the American College of Cardiology, 2017, 70, 179-181. | 2.8 | 3 |
| 130 | A New Treatment Strategy for Diabetic Dyslipidemia?. Diabetes, 2020, 69, 2061-2063. | 0.6 | 3 |
| 131 | Microvascular Management of Systemic Insulin Sensitivity. Circulation Research, 2012, 111, 951-953. | 4.5 | 2 |
| 132 | Integrative Multiomics Approaches for Discovery of New Drug Targets for Cardiovascular Disease. Circulation, 2021, 143, 2471-2474. | 1.6 | 2 |
| 133 | Response by Fotakis et al to Letter Regarding Article, â€œAnti-Inflammatory Effects of HDL (High-Density) Tj ETQq1 1 0.784314 rgBT /O Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, e33-e34. | 2.4 | 2 |
| 134 | An Inducible and Reversible Mouse Genetic Rescue System. , 2011, , 253-275. | | 2 |
| 135 | Comparison between genetic and pharmaceutical disruption of Ldlr expression for the development of atherosclerosis. Journal of Lipid Research, 2022, 63, 100174. | 4.2 | 2 |
| 136 | Biological effects of organic nitroesters and their mechanism of action. Acta Pharmacologica Et Toxicologica, 1986, 59, 17-25. | 0.0 | 1 |
| 137 | Small HDL, diabetes, and proinflammatory effects in macrophages. FASEB Journal, 2019, 33, 238.3. | 0.5 | 1 |