# Neal Lee Weintraub

List of Publications by Year
in descending order



| 222 | 12,127 | 23567 | 31849 |
|---|---|---|---|
| papers | citations | 58 h-index | 101 g-index |

| 225 | 225 | 225 | 15431 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Epoxyeicosatrienoic acids (EETs): metabolism and biochemical function. Progress in Lipid Research, 2004, 43, 55-90. | 11.6 | 514 |
| 2 | Ghrelin Inhibits Proinflammatory Responses and Nuclear Factor-Î¹B Activation in Human Endothelial Cells. Circulation, 2004, 109, 2221-2226. | 1.6 | 459 |
| 3 | Proinflammatory Phenotype of Perivascular Adipocytes. Circulation Research, 2009, 104, 541-549. | 4.5 | 458 |
| 4 | Exosomes/microvesicles from induced pluripotent stem cells deliver cardioprotective miRNAs and prevent cardiomyocyte apoptosis in the ischemic myocardium. International Journal of Cardiology, 2015, 192, 61-69. | 1.7 | 350 |
| 5 | Cardiac progenitor-derived exosomes protect ischemic myocardium from acute ischemia/reperfusion injury. Biochemical and Biophysical Research Communications, 2013, 431, 566-571. | 2.1 | 316 |
| 6 | Role of Oxidative Stress in the Pathogenesis of Abdominal Aortic Aneurysms. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 461-469. | 2.4 | 284 |
| 7 | Potential Role of Endotoxin as a Proinflammatory Mediator of Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2004, 24, 2227-2236. | 2.4 | 248 |
| 8 | Oxidative Stress in Human Abdominal Aortic Aneurysms. Arteriosclerosis, Thrombosis, and Vascular Biology, 2002, 22, 560-565. | 2.4 | 241 |
| 9 | Acute Heart Failure Syndromes: Emergency Department Presentation, Treatment, and Disposition: Current Approaches and Future Aims. Circulation, 2010, 122, 1975-1996. | 1.6 | 239 |
| 10 | H2O2-induced Oâ¨ª2Production by a Non-phagocytic NAD(P)H Oxidase Causes Oxidant Injury. Journal of Biological Chemistry, 2001, 276, 29251-29256. | 3.4 | 236 |
| 11 | Epoxyeicosatrienoic Acids and Dihydroxyeicosatrienoic Acids Are Potent Vasodilators in the Canine Coronary Microcirculation. Circulation Research, 1998, 83, 932-939. | 4.5 | 226 |
| 12 | Overexpression of Human Catalase Inhibits Proliferation and Promotes Apoptosis in Vascular Smooth Muscle Cells. Circulation Research, 1999, 85, 524-533. | 4.5 | 201 |
| 13 | Deletion of p47 phox Attenuates Angiotensin Iiâ€“Induced Abdominal Aortic Aneurysm Formation in Apolipoprotein Eâ€“Deficient Mice. Circulation, 2006, 114, 404-413. | 1.6 | 189 |
| 14 | Pathways of Epoxyeicosatrienoic Acid Metabolism in Endothelial Cells. Journal of Biological Chemistry, 2001, 276, 14867-14874. | 3.4 | 179 |
| 15 | Vitamin E Inhibits Abdominal Aortic Aneurysm Formation in Angiotensin Iiâ€“Infused Apolipoprotein Eâ€“Deficient Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 1671-1677. | 2.4 | 165 |
| 16 | Protective Effects of Ghrelin on Ischemia/Reperfusion Injury in the Isolated Rat Heart. Journal of Cardiovascular Pharmacology, 2004, 43, 165-170. | 1.9 | 156 |
| 17 | Understanding Abdominal Aortic Aneurysm. New England Journal of Medicine, 2009, 361, 1114-1116. | 27.0 | 155 |
| 18 | Crosstalk between perivascular adipose tissue and blood vessels. Current Opinion in Pharmacology, 2010, 10, 191-196. | 3.5 | 149 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Cardio-Oncology: Vascular and Metabolic Perspectives: A Scientific Statement From the American Heart Association. Circulation, 2019, 139, e579-e602. | 1.6 | 142 |
| 20 | Peripheral Nociception Associated With Surgical Incision Elicits Remote Nonischemic Cardioprotection Via Neurogenic Activation of Protein Kinase C Signaling. Circulation, 2009, 120, S1-9. | 1.6 | 139 |
| 21 | Proinflammatory Phenotype of Perivascular Adipocytes. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 1631-1636. | 2.4 | 132 |
| 22 | Mechanisms of H2O2-induced oxidative stress in endothelial cells. Free Radical Biology and Medicine, 2006, 40, 2206-2213. | 2.9 | 123 |
| 23 | Histone Deacetylase 9 Is a Negative Regulator of Adipogenic Differentiation. Journal of Biological Chemistry, 2011, 286, 27836-27847. | 3.4 | 120 |
| 24 | Antioxidant effects of statins. Drugs of Today, 2004, 40, 975. | 2.4 | 120 |
| 25 | PFKFB3-mediated endothelial glycolysis promotes pulmonary hypertension. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 13394-13403. | 7.1 | 113 |
| 26 | Low-Level Endotoxin Induces Potent Inflammatory Activation of Human Blood Vessels. Arteriosclerosis, Thrombosis, and Vascular Biology, 2003, 23, 1576-1582. | 2.4 | 111 |
| 27 | Potentiation of Endothelium-Dependent Relaxation by Epoxyeicosatrienoic Acids. Circulation Research, 1997, 81, 258-267. | 4.5 | 108 |
| 28 | Novel concepts in radiation-induced cardiovascular disease. World Journal of Cardiology, 2016, 8, 504. | 1.5 | 105 |
| 29 | An HDAC9-MALAT1-BRG1 complex mediates smooth muscle dysfunction in thoracic aortic aneurysm. Nature Communications, 2018, 9, 1009. | 12.8 | 105 |
| 30 | Proenkephalin expression and enkephalin release are widely observed in non-neuronal tissues. Peptides, 2008, 29, 83-92. | 2.4 | 102 |
| 31 | Role of Uncoupled Endothelial Nitric Oxide Synthase in Abdominal Aortic Aneurysm Formation. Hypertension, 2012, 59, 158-166. | 2.7 | 102 |
| 32 | Endotoxin, TLR4 Signaling and Vascular Inflammation: Potential Therapeutic Targets in Cardiovascular Disease. Current Pharmaceutical Design, 2006, 12, 4229-4245. | 1.9 | 101 |
| 33 | Transplanted Perivascular Adipose Tissue Accelerates Injury-Induced Neointimal Hyperplasia. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 1723-1730. | 2.4 | 98 |
| 34 | 14,15-Dihydroxyeicosatrienoic acid activates peroxisome proliferator-activated receptor-Î±. American Journal of Physiology - Heart and Circulatory Physiology, 2006, 290, H55-H63. | 3.2 | 96 |
| 35 | Effects of epoxyeicosatrienoic acids on the cardiac sodium channels in isolated rat ventricular myocytes. Journal of Physiology, 1999, 519, 153-168. | 2.9 | 92 |
| 36 | Human coronary artery perivascular adipocytes overexpress genes responsible for regulating vascular morphology, inflammation, and hemostasis. Physiological Genomics, 2013, 45, 697-709. | 2.3 | 92 |

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|---|---|---|---|
| 37 | HDAC9 Knockout Mice Are Protected From Adipose Tissue Dysfunction and Systemic Metabolic Disease During High-Fat Feeding. Diabetes, 2014, 63, 176-187. | 0.6 | 89 |
| 38 | Overexpression of Human Superoxide Dismutase Inhibits Oxidation of Low-Density Lipoprotein by Endothelial Cells. Circulation Research, 1998, 82, 1289-1297. | 4.5 | 86 |
| 39 | Functional Implications of a Newly Characterized Pathway of 11,12-Epoxyeicosatrienoic Acid Metabolism in Arterial Smooth Muscle. Circulation Research, 1996, 79, 784-793. | 4.5 | 85 |
| 40 | Regulation of Endotoxin-Induced Proinflammatory Activation in Human Coronary Artery Cells: Expression of Functional Membrane-Bound CD14 by Human Coronary Artery Smooth Muscle Cells. Journal of Immunology, 2004, 173, 1336-1343. | 0.8 | 83 |
| 41 | Identification of Emergency Department Patients With Acute Heart Failure at LowÂRisk for 30-Day Adverse Events. JACC: Heart Failure, 2015, 3, 737-747. | 4.1 | 83 |
| 42 | Inhibition of histone deacetylase reduces transcription of NADPH oxidases and ROS production and ameliorates pulmonary arterial hypertension. Free Radical Biology and Medicine, 2016, 99, 167-178. | 2.9 | 83 |
| 43 | PRKAA1/AMPKÎ±1-driven glycolysis in endothelial cells exposed to disturbed flow protects against atherosclerosis. Nature Communications, 2018, 9, 4667. | 12.8 | 82 |
| 44 | Transplantation of Cardiac Mesenchymal Stem Cell-Derived Exosomes Promotes Repair in Ischemic Myocardium. Journal of Cardiovascular Translational Research, 2018, 11, 420-428. | 2.4 | 80 |
| 45 | Apolipoprotein E4 Impairs Macrophage Efferocytosis and Potentiates Apoptosis by Accelerating Endoplasmic Reticulum Stress. Journal of Biological Chemistry, 2012, 287, 27876-27884. | 3.4 | 79 |
| 46 | Endothelial adenosine A2a receptor-mediated glycolysis is essential for pathological retinal angiogenesis. Nature Communications, 2017, 8, 584. | 12.8 | 77 |
| 47 | Dihydroxyeicosatrienoic acids are potent activators of Ca 2+ â€activated K + channels in isolated rat coronary arterial myocytes. Journal of Physiology, 2001, 534, 651-667. | 2.9 | 76 |
| 48 | Effect of soluble epoxide hydrolase inhibition on epoxyeicosatrienoic acid metabolism in human blood vessels. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 287, H2412-H2420. | 3.2 | 76 |
| 49 | Carvedilol-responsive microRNAs, miR-199a-3p and -214 protect cardiomyocytes from simulated ischemia-reperfusion injury. American Journal of Physiology - Heart and Circulatory Physiology, 2016, 311, H371-H383. | 3.2 | 74 |
| 50 | Upregulation of Programmed Death-1 and Its Ligand in Cardiac Injury Models: Interaction with GADD153. PLoS ONE, 2015, 10, e0124059. | 2.5 | 74 |
| 51 | A carvedilol-responsive microRNA, miR-125b-5p protects the heart from acute myocardial infarction by repressing pro-apoptotic bak1 and klf13 in cardiomyocytes. Journal of Molecular and Cellular Cardiology, 2018, 114, 72-82. | 1.9 | 72 |
| 52 | Red Blood Cell Dysfunction Induced by High-Fat Diet. Circulation, 2015, 132, 1898-1908. | 1.6 | 71 |
| 53 | Incidence, risk factors, and mortality of atrial fibrillation in breast cancer: a SEER-Medicare analysis. European Heart Journal, 2022, 43, 300-312. | 2.2 | 71 |
| 54 | Regulation of endothelial intracellular adenosine via adenosine kinase epigenetically modulates vascular inflammation. Nature Communications, 2017, 8, 943. | 12.8 | 69 |

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|---|---|---|---|
| 55 | Perivascular Adipose Tissue and Vascular Perturbation/Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 2569-2576. | 2.4 | 67 |
| 56 | Epoxyeicosatrienoic Acids Increase Intracellular Calcium Concentration in Vascular Smooth Muscle Cells. Hypertension, 1999, 34, 1242-1246. | 2.7 | 65 |
| 57 | Activation of Peroxisome Proliferator-Activated Receptor Î± by Substituted Urea-Derived Soluble Epoxide Hydrolase Inhibitors. Journal of Pharmacology and Experimental Therapeutics, 2005, 314, 260-270. | 2.5 | 64 |
| 58 | Intracellular adenosine regulates epigenetic programming in endothelial cells to promote angiogenesis. EMBO Molecular Medicine, 2017, 9, 1263-1278. | 6.9 | 64 |
| 59 | MicroRNA-532 protects the heart in acute myocardial infarction, and represses prss23, a positive regulator of endothelial-to-mesenchymal transition. Cardiovascular Research, 2017, 113, 1603-1614. | 3.8 | 62 |
| 60 | Extracellular superoxide dismutase (ecSOD) in vascular biology: an update on exogenous gene transfer and endogenous regulators of ecSOD. Translational Research, 2008, 151, 68-78. | 5.0 | 61 |
| 61 | Epoxide hydrolases regulate epoxyeicosatrienoic acid incorporation into coronary endothelial phospholipids. American Journal of Physiology - Heart and Circulatory Physiology, 1999, 277, H2098-H2108. | 3.2 | 59 |
| 62 | Glycolysis links reciprocal activation of myeloid cells and endothelial cells in the retinal angiogenic niche. Science Translational Medicine, 2020, 12, . | 12.4 | 59 |
| 63 | Neddylation mediates ventricular chamber maturation through repression of Hippo signaling. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E4101-E4110. | 7.1 | 57 |
| 64 | 12-Lipoxygenase in porcine coronary microcirculation: implications for coronary vasoregulation. American Journal of Physiology - Heart and Circulatory Physiology, 2001, 280, H693-H704. | 3.2 | 53 |
| 65 | miR-92a inhibits vascular smooth muscle cell apoptosis: role of the MKK4â€“JNK pathway. Apoptosis: an International Journal on Programmed Cell Death, 2014, 19, 975-983. | 4.9 | 53 |
| 66 | Arachidonate dilates basilar artery by lipoxygenase-dependent mechanism and activation of K<sup>+</sup>channels. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2001, 281, R246-R253. | 1.8 | 51 |
| 67 | CD14 Directs Adventitial Macrophage Precursor Recruitment: Role in Early Abdominal Aortic Aneurysm Formation. Journal of the American Heart Association, 2013, 2, e000065. | 3.7 | 51 |
| 68 | Suxiao Jiuxin pill promotes exosome secretion from mouse cardiac mesenchymal stem cells in vitro. Acta Pharmacologica Sinica, 2018, 39, 569-578. | 6.1 | 51 |
| 69 | How to prevent and manage radiation-induced coronary artery disease. Heart, 2018, 104, 1647-1653. | 2.9 | 51 |
| 70 | 20-Hydroxyeicosatetraenoic Acid (20-HETE) Metabolism in Coronary Endothelial Cells. Journal of Biological Chemistry, 2004, 279, 2648-2656. | 3.4 | 50 |
| 71 | Role of myeloperoxidase in abdominal aortic aneurysm formation: mitigation by taurine. American Journal of Physiology - Heart and Circulatory Physiology, 2017, 313, H1168-H1179. | 3.2 | 50 |
| 72 | Role of Adipose Tissue Endothelial ADAM17 in Age-Related Coronary Microvascular Dysfunction. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 1180-1193. | 2.4 | 49 |

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|---|---|---|---|
| 73 | Exosomes from Suxiao Jiuxin pill-treated cardiac mesenchymal stem cells decrease H3K27 demethylase UTX expression in mouse cardiomyocytes in vitro. Acta Pharmacologica Sinica, 2018, 39, 579-586. | 6.1 | 46 |
| 74 | Reactive oxygen species mediate arachidonic acid-induced dilation in porcine coronary microvessels. American Journal of Physiology - Heart and Circulatory Physiology, 2003, 285, H2309-H2315. | 3.2 | 45 |
| 75 | Galectin 3 complements BNP in risk stratification in acute heart failure. Biomarkers, 2012, 17, 706-713. | 1.9 | 45 |
| 76 | Epigenetic Regulation of Vascular Diseases. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 984-990. | 2.4 | 45 |
| 77 | The Role of Perivascular Adipose Tissue in Non-atherosclerotic Vascular Disease. Frontiers in Physiology, 2017, 8, 969. | 2.8 | 44 |
| 78 | Enhanced Cytomegalovirus Infection in Atherosclerotic Human Blood Vessels. American Journal of Pathology, 2004, 164, 589-600. | 3.8 | 43 |
| 79 | Ï‰-Oxidation of 20-Hydroxyeicosatetraenoic Acid (20-HETE) in Cerebral Microvascular Smooth Muscle and Endothelium by Alcohol Dehydrogenase 4. Journal of Biological Chemistry, 2005, 280, 33157-33164. | 3.4 | 43 |
| 80 | Society of Chest Pain Centers recommendations for the evaluation and management of the observation stay acute heart failure patientâ€"part 1. Acute Cardiac Care, 2009, 11, 3-42. | 0.2 | 43 |
| 81 | Semaphorin 3A inactivation suppresses ischemia-reperfusion-induced inflammation and acute kidney injury. American Journal of Physiology - Renal Physiology, 2014, 307, F183-F194. | 2.7 | 43 |
| 82 | Human coronary endothelial cells convert 14,15-EET to a biologically active chain-shortened epoxide. American Journal of Physiology - Heart and Circulatory Physiology, 2002, 283, H2306-H2314. | 3.2 | 42 |
| 83 | Arachidonic Acid-Induced Vasodilation of Rat Small Mesenteric Arteries Is Lipoxygenase-Dependent. Journal of Pharmacology and Experimental Therapeutics, 2003, 304, 139-144. | 2.5 | 42 |
| 84 | Elevated urinary neutrophil gelatinaseâ€associated lipocalcin after acute heart failure treatment is associated with worsening renal function and adverse events. European Journal of Heart Failure, 2012, 14, 1020-1029. | 7.1 | 42 |
| 85 | Activation of NAD(P)H oxidase by lipid hydroperoxides: mechanism of oxidant-mediated smooth muscle cytotoxicity. Free Radical Biology and Medicine, 2003, 34, 937-946. | 2.9 | 41 |
| 86 | MiR-92a regulates viability and angiogenesis of endothelial cells under oxidative stress. Biochemical and Biophysical Research Communications, 2014, 446, 952-958. | 2.1 | 41 |
| 87 | Chronic unpredictable stress induces depression-related behaviors by suppressing AgRP neuron activity. Molecular Psychiatry, 2021, 26, 2299-2315. | 7.9 | 41 |
| 88 | Niacin protects against abdominal aortic aneurysm formation via GPR109A independent mechanisms: role of NAD+/nicotinamide. Cardiovascular Research, 2020, 116, 2226-2238. | 3.8 | 40 |
| 89 | Enhanced H <sub>2</sub> O <sub>2</sub> -Induced Cytotoxicity in â€œEpithelioidâ€•Smooth Muscle Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2000, 20, 1473-1479. | 2.4 | 39 |
| 90 | Nox5 stability and superoxide production is regulated by C-terminal binding of Hsp90 and CO-chaperones. Free Radical Biology and Medicine, 2015, 89, 793-805. | 2.9 | 39 |

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|---|---|---|---|
| 91 | Perivascular Adipocytes in Vascular Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 2220-2227. | 2.4 | 39 |
| 92 | Redox factor-1 contributes to the regulation of progression from G0/G1 to S by PDGF in vascular smooth muscle cells. American Journal of Physiology - Heart and Circulatory Physiology, 2003, 285, H804-H812. | 3.2 | 38 |
| 93 | 20-Hydroxyeicosatetraenoic acid is a potent dilator of mouse basilar artery: role of cyclooxygenase. American Journal of Physiology - Heart and Circulatory Physiology, 2006, 291, H2301-H2307. | 3.2 | 38 |
| 94 | Society of Chest Pain Centers Recommendations for the Evaluation and Management of the Observation Stay Acute Heart Failure Patient. Critical Pathways in Cardiology, 2008, 7, 83-121. | 0.5 | 38 |
| 95 | Potential role of perivascular adipose tissue in modulating atherosclerosis. Clinical Science, 2020, 134, 3-13. | 4.3 | 38 |
| 96 | Cardiac-derived stem cell-based therapy for heart failure: progress and clinical applications. Experimental Biology and Medicine, 2013, 238, 294-300. | 2.4 | 37 |
| 97 | Remote Effects of Transplanted Perivascular Adipose Tissue on Endothelial Function and Atherosclerosis. Cardiovascular Drugs and Therapy, 2018, 32, 503-510. | 2.6 | 37 |
| 98 | MiR322 mediates cardioprotection against ischemia/reperfusion injury via FBXW7/notch pathway. Journal of Molecular and Cellular Cardiology, 2019, 133, 67-74. | 1.9 | 37 |
| 99 | Increased Expression of Nox1 in Neointimal Smooth Muscle Cells Promotes Activation of Matrix Metalloproteinase-9. Journal of Vascular Research, 2012, 49, 242-248. | 1.4 | 36 |
| 100 | Histone deacetylase 9 promotes endothelial-mesenchymal transition and an unfavorable atherosclerotic plaque phenotype. Journal of Clinical Investigation, 2021, 131, . | 8.2 | 36 |
| 101 | Apolipoprotein E2 Accentuates Postprandial Inflammation and Diet-Induced Obesity to Promote Hyperinsulinemia in Mice. Diabetes, 2013, 62, 382-391. | 0.6 | 34 |
| 102 | Zinc, copper, and blood pressure: Human population studies. Medical Science Monitor, 2013, 19, 1-8. | 1.1 | 34 |
| 103 | 14,15-Epoxyeicosatrienoic acid inhibits prostaglandin E2 production in vascular smooth muscle cells. American Journal of Physiology - Heart and Circulatory Physiology, 1998, 275, H2113-H2121. | 3.2 | 33 |
| 104 | Surfactant protein D is expressed and modulates inflammatory responses in human coronary artery smooth muscle cells. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 294, H2053-H2059. | 3.2 | 33 |
| 105 | Cardiac proteasome functional insufficiency plays a pathogenic role in diabetic cardiomyopathy. Journal of Molecular and Cellular Cardiology, 2017, 102, 53-60. | 1.9 | 33 |
| 106 | Cytochrome P-450 pathway in acetylcholine-induced canine coronary microvascular vasodilation in vivo. American Journal of Physiology - Heart and Circulatory Physiology, 1998, 274, H283-H289. | 3.2 | 32 |
| 107 | Risk stratification in acute heart failure: Rationale and design of the STRATIFY and DECIDE studies. American Heart Journal, 2012, 164, 825-834. | 2.7 | 31 |
| 108 | Inhibition of stearoyl-coA desaturase selectively eliminates tumorigenic Nanog-positive cells: Improving the safety of iPS cell transplantation to myocardium. Cell Cycle, 2014, 13, 762-771. | 2.6 | 31 |

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| 109 | Role of histone deacetylase 9 in regulating adipogenic differentiation and high fat diet-induced metabolic disease. Adipocyte, 2014, 3, 333-338. | 2.8 | 31 |
| 110 | Berardinelli-Seip congenital lipodystrophy 2 regulates adipocyte lipolysis, browning, and energy balance in adult animals. Journal of Lipid Research, 2015, 56, 1912-1925. | 4.2 | 31 |
| 111 | Deficiency of LRP1 in Mature Adipocytes Promotes Diet-Induced Inflammation and Atherosclerosisâ€"Brief Report. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 1046-1049. | 2.4 | 31 |
| 112 | Deficiency in Nrf2 transcription factor decreases adipose tissue mass and hepatic lipid accumulation in leptin-deficient mice. Obesity, 2015, 23, 335-344. | 3.0 | 30 |
| 113 | Antioxidant therapy for atherosclerotic vascular disease: the promise and the pitfalls. American Journal of Physiology - Heart and Circulatory Physiology, 2002, 282, H797-H802. | 3.2 | 29 |
| 114 | Conversion of epoxyeicosatrienoic acids (EETs) to chain-shortened epoxy fatty acids by human skin fibroblasts. Journal of Lipid Research, 2000, 41, 66-74. | 4.2 | 29 |
| 115 | Urinary semaphorin 3A correlates with diabetic proteinuria and mediates diabetic nephropathy and associated inflammation in mice. Journal of Molecular Medicine, 2014, 92, 1245-1256. | 3.9 | 28 |
| 116 | Apolipoprotein E receptor-2 deficiency enhances macrophage susceptibility to lipid accumulation and cell death to augment atherosclerotic plaque progression and necrosis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 1395-1405. | 3.8 | 28 |
| 117 | Copper Transporter ATP7A (Copper-Transporting P-Type ATPase/Menkes ATPase) Limits Vascular Inflammation and Aortic Aneurysm Development. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 2320-2337. | 2.4 | 28 |
| 118 | Spontaneous left main coronary artery dissection complicated by pseudoaneurysm formation in pregnancy: role of CT coronary angiography. Journal of Cardiothoracic Surgery, 2009, 4, 15. | 1.1 | 27 |
| 119 | The Role ofNotch 1Activation in Cardiosphere Derived Cell Differentiation. Stem Cells and Development, 2012, 21, 2122-2129. | 2.1 | 27 |
| 120 | Electrical stimulation to optimize cardioprotective exosomes from cardiac stem cells. Medical Hypotheses, 2016, 88, 6-9. | 1.5 | 27 |
| 121 | Human Macrophage ATP7A is Localized in the trans-Golgi Apparatus, Controls Intracellular Copper Levels, and Mediates Macrophage Responses to Dermal Wounds. Inflammation, 2012, 35, 167-175. | 3.8 | 25 |
| 122 | Assessing in vitro stemâ€cell function and tracking engraftment of stem cells in ischaemic hearts by using novel <scp>iRFP</scp> gene labelling. Journal of Cellular and Molecular Medicine, 2014, 18, 1889-1894. | 3.6 | 25 |
| 123 | Aging-Associated Differences in Epitranscriptomic m6A Regulation in Response to Acute Cardiac Ischemia/Reperfusion Injury in Female Mice. Frontiers in Pharmacology, 2021, 12, 654316. | 3.5 | 25 |
| 124 | Targeting ATGL to rescue BSCL2 lipodystrophy and its associated cardiomyopathy. JCI Insight, 2019, 4, . | 5.0 | 24 |
| 125 | Soluble ST2 as a Diagnostic and Prognostic Marker for Acute Heart Failure Syndromes. Open Biomarkers Journal, 2012, 5, 1-8. | 0.1 | 24 |
| 126 | A novel role for the Wnt inhibitor APCDD1 in adipocyte differentiation: Implications for diet-induced obesity. Journal of Biological Chemistry, 2017, 292, 6312-6324. | 3.4 | 23 |

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|---|---|---|---|
| 127 | A single high-fat meal provokes pathological erythrocyte remodeling and increases myeloperoxidase levels: implications for acute coronary syndrome. Laboratory Investigation, 2018, 98, 1300-1310. | 3.7 | 23 |
| 128 | Adenosine kinase is critical for neointima formation after vascular injury by inducing aberrant DNA hypermethylation. Cardiovascular Research, 2021, 117, 561-575. | 3.8 | 23 |
| 129 | HDAC9 complex inhibition improves smooth muscleâ€“dependent stenotic vascular disease. JCI Insight, 2019, 4, . | 5.0 | 23 |
| 130 | Differences in positional esterification of 14,15-epoxyeicosatrienoic acid in phosphatidylcholine of porcine coronary artery endothelial and smooth muscle cells. Prostaglandins and Other Lipid Mediators, 2003, 71, 33-42. | 1.9 | 22 |
| 131 | Low level bacterial endotoxin activates two distinct signaling pathways in human peripheral blood mononuclear cells. Journal of Inflammation, 2011, 8, 4. | 3.4 | 22 |
| 132 | Enhancer of zeste homolog 2 (EZH2) regulates adipocyte lipid metabolism independent of adipogenic differentiation: Role of apolipoprotein E. Journal of Biological Chemistry, 2019, 294, 8577-8591. | 3.4 | 22 |
| 133 | miRNAs in Extracellular Vesicles from iPS-Derived Cardiac Progenitor Cells Effectively Reduce Fibrosis and Promote Angiogenesis in Infarcted Heart. Stem Cells International, 2019, 2019, 1-14. | 2.5 | 22 |
| 134 | Nox Response to Injury. Arteriosclerosis, Thrombosis, and Vascular Biology, 2002, 22, 4-5. | 2.4 | 22 |
| 135 | Histone Deacetylases and Cardiometabolic Diseases. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 1914-1919. | 2.4 | 21 |
| 136 | Cardiovascular Toxicities of Androgen Deprivation Therapy. Current Treatment Options in Oncology, 2021, 22, 47. | 3.0 | 20 |
| 137 | A Novel Mechanism Underlying Inflammatory Smooth Muscle Phenotype in Abdominal Aortic Aneurysm. Circulation Research, 2021, 129, e202-e214. | 4.5 | 20 |
| 138 | Participation of ATP7A in macrophage mediated oxidation of LDL. Journal of Lipid Research, 2010, 51, 1471-1477. | 4.2 | 19 |
| 139 | Berardinelli-Seip Congenital Lipodystrophy 2/Seipin Is Not Required for Brown Adipogenesis but Regulates Brown Adipose Tissue Development and Function. Molecular and Cellular Biology, 2016, 36, 2027-2038. | 2.3 | 19 |
| 140 | Exosome-Derived Dystrophin from Allograft Myogenic Progenitors Improves Cardiac Function in Duchenne Muscular Dystrophic Mice. Journal of Cardiovascular Translational Research, 2018, 11, 412-419. | 2.4 | 19 |
| 141 | Regenerative Therapy for Cardiomyopathies. Journal of Cardiovascular Translational Research, 2018, 11, 357-365. | 2.4 | 19 |
| 142 | Understanding Obesity-Related Cardiovascular Disease. Circulation, 2018, 138, 64-66. | 1.6 | 18 |
| 143 | Cardiovascular Events in Men with Prostate Cancer Receiving Hormone Therapy: An Analysis of the FDA Adverse Event Reporting System (FAERS). Journal of Urology, 2021, 206, 613-622. | 0.4 | 18 |
| 144 | Relationship of Arachidonic Acid Release to Porcine Coronary Artery Relaxation. Hypertension, 1995, 26, 684-690. | 2.7 | 18 |

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|---|---|---|---|
| 145 | Endothelium-derived hyperpolarizing factor in coronary microcirculation: responses to arachidonic acid. American Journal of Physiology - Heart and Circulatory Physiology, 2001, 281, H1553-H1560. | 3.2 | 17 |
| 146 | Long noncoding RNAs and their roles in skeletal muscle fate determination. Non-coding RNA Investigation, 2017, 1, 24-24. | 0.6 | 17 |
| 147 | Ablation of Myeloid ADK (Adenosine Kinase) Epigenetically Suppresses Atherosclerosis in ApoE<sup>â^'/â^'</sup>(Apolipoprotein E Deficient) Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 2780-2792. | 2.4 | 17 |
| 148 | The lifelong impact of fetal growth restriction on cardiac development. Pediatric Research, 2018, 84, 537-544. | 2.3 | 17 |
| 149 | Adenosine Kinase Inhibition Augments Conducted Vasodilation and Prevents Left Ventricle Diastolic Dysfunction in Heart Failure With Preserved Ejection Fraction. Circulation: Heart Failure, 2019, 12, e005762. | 3.9 | 17 |
| 150 | Role of growth hormone-releasing hormone in dyslipidemia associated with experimental type 1 diabetes. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1895-1900. | 7.1 | 16 |
| 151 | Effective regeneration of dystrophic muscle using autologous iPSC-derived progenitors with CRISPR-Cas9 mediated precise correction. Medical Hypotheses, 2018, 110, 97-100. | 1.5 | 15 |
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