Eric Thorin

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/396224/publications.pdf

Version: 2024-02-01

176 papers	4,750 citations	76326 40 h-index	138484 58 g-index
182 all docs	182 docs citations	182 times ranked	5891 citing authors

#	Article	IF	Citations
1	Evolution of the atrial fibrillation substrate in experimental congestive heart failure: angiotensin-dependent and -independent pathways. Cardiovascular Research, 2003, 60, 315-325.	3.8	230
2	Cellular senescence in endothelial cells from atherosclerotic patients is accelerated by oxidative stress associated with cardiovascular risk factors. Mechanisms of Ageing and Development, 2007, 128, 662-671.	4.6	132
3	Vitamin C restores healthy aging in a mouse model for Werner syndrome. FASEB Journal, 2010, 24, 158-172.	0.5	100
4	Heterogeneity of Vascular Endothelial Cells in Normal and Disease States. , 1998, 78, 155-166.		96
5	Impact of pulse pressure on cerebrovascular events leading to age-related cognitive decline. American Journal of Physiology - Heart and Circulatory Physiology, 2018, 314, H1214-H1224.	3.2	96
6	Endothelium-derived endothelin-1. Pflugers Archiv European Journal of Physiology, 2010, 459, 951-958.	2.8	93
7	NTPDase1 (CD39) controls nucleotide-dependent vasoconstriction in mouse. Cardiovascular Research, 2010, 85, 204-213.	3.8	88
8	Aganirsen Antisense Oligonucleotide Eye Drops Inhibit Keratitis-Induced Corneal Neovascularization and Reduce Need for Transplantation. Ophthalmology, 2014, 121, 1683-1692.	5.2	88
9	The role of cellular senescence in cardiac disease: basic biology and clinical relevance. Nature Reviews Cardiology, 2022, 19, 250-264.	13.7	84
10	Chronic heart rate reduction by ivabradine prevents endothelial dysfunction in dyslipidaemic mice. British Journal of Pharmacology, 2008, 154, 749-757.	5.4	83
11	Novel Benzo[1,4]diazepin-2-one Derivatives as Endothelin Receptor Antagonists. Journal of Medicinal Chemistry, 2004, 47, 2776-2795.	6.4	80
12	Stress-induced senescence predominates in endothelial cells isolated from atherosclerotic chronic smokers. Canadian Journal of Physiology and Pharmacology, 2008, 86, 761-769.	1.4	79
13	Endothelium-dependent control of cerebrovascular functions through age: exercise for healthy cerebrovascular aging. American Journal of Physiology - Heart and Circulatory Physiology, 2013, 305, H620-H633.	3.2	78
14	High Systolic Blood Pressure Induces Cerebral Microvascular Endothelial Dysfunction, Neurovascular Unit Damage, and Cognitive Decline in Mice. Hypertension, 2019, 73, 217-228.	2.7	77
15	Effects of age, gender, and blood pressure on myogenic responses of mesenteric arteries from C57BL/6 mice. American Journal of Physiology - Heart and Circulatory Physiology, 2002, 282, H380-H388.	3.2	75
16	Endothelial nitric oxide synthase activation leads to dilatory H2O2 production in mouse cerebral arteries. Cardiovascular Research, 2007, 73, 73-81.	3.8	75
17	Vascular endothelial ageing, heartbeat after heartbeat. Cardiovascular Research, 2009, 84, 24-32.	3.8	75
18	Nitric Oxide Inhibits Î± ₂ -Adrenoceptorâ€“Mediated Endothelium-Dependent Vasodilation. Circulation Research, 1998, 82, 1323-1329.	4.5	73

#	Article	IF	Citations
19	The Cardiovascular Physiology and Pharmacology of Endothelin-1. Advances in Pharmacology, 2010, 60, 1-26.	2.0	73
20	Inhaled but not intravenous milrinone prevents pulmonary endothelial dysfunction after cardiopulmonary bypass. Journal of Thoracic and Cardiovascular Surgery, 2005, 130, 83-92.	0.8	69
21	Endothelial Progenitor Cells Bind and Inhibit Platelet Function and Thrombus Formation. Circulation, 2009, 120, 2230-2239.	1.6	69
22	Chronic treatment with N-acetyl-cystein delays cellular senescence in endothelial cells isolated from a subgroup of atherosclerotic patients. Mechanisms of Ageing and Development, 2008, 129, 261-270.	4.6	68
23	Crosstalk between endothelin and nitric oxide in the control of vascular tone. Heart Failure Reviews, 2001, 6, 265-276.	3.9	66
24	Increased insulin, triglycerides, reactive oxygen species, and cardiac fibrosis in mice with a mutation in the helicase domain of the Werner syndrome gene homologue. Experimental Gerontology, 2006, 41, 157-168.	2.8	65
25	Endothelin-1-Induced Pulmonary Vasoreactivity Is Regulated by ET_A and ET_B Receptor Interactions. Journal of Vascular Research, 2007, 44, 375-381.	1.4	57
26	Heart Rate Reduction by Ivabradine Reduces Diastolic Dysfunction and Cardiac Fibrosis. Cardiology, 2010, 117, 234-242.	1.4	57
27	Human Vascular Endothelium Heterogeneity. Stroke, 1997, 28, 375-381.	2.0	57
28	Na + /K + pump and endothelial cell survival: [Na +] i /[K +] i -independent necrosis triggered by ouabain, and protection against apoptosis mediated by elevation of [Na +] i. Pflugers Archiv European Journal of Physiology, 2004, 448, 335-345.	2.8	54
29	Angiopoietinâ€Like 2 Promotes Atherogenesis in Mice. Journal of the American Heart Association, 2013, 2, e000201.	3.7	53
30	Regression of aortic valve stenosis by ApoAâ€‐mimetic peptide infusions in rabbits. British Journal of Pharmacology, 2008, 154, 765-773.	5.4	52
31	Catechin treatment improves cerebrovascular flow-mediated dilation and learning abilities in atherosclerotic mice. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 300, H1032-H1043.	3.2	52
32	Control of Vascular Tone by Endogenous Endothelin-1 in Human Pial Arteries. Stroke, 1998, 29, 175-180.	2.0	51
33	Therapeutic Potential of Quercetin to Alleviate Endothelial Dysfunction in Age-Related Cardiovascular Diseases. Frontiers in Cardiovascular Medicine, 2021, 8, 658400.	2.4	51
34	Flow-Induced Dilation Is Mediated by Akt-Dependent Activation of Endothelial Nitric Oxide Synthase-Derived Hydrogen Peroxide in Mouse Cerebral Arteries. Stroke, 2009, 40, 1827-1833.	2.0	50
35	Chronic exposure of cultured bovine endothelial cells to oxidized LDL abolishes prostacyclin release.. Arteriosclerosis and Thrombosis: A Journal of Vascular Biology, 1994, 14, 453-459.	3.9	49
36	Angiotensin II Type I and Prostaglandin F2Î± Receptors Cooperatively Modulate Signaling in Vascular Smooth Muscle Cells. Journal of Biological Chemistry, 2015, 290, 3137-3148.	3.4	48

#	Article	IF	Citations
37	Modulation by the endothelium of sympathetic vasoconstriction in an in vitro preparation of the rat tail artery. British Journal of Pharmacology, 1994, 111, 351-357.	5.4	47
38	Heart rate-associated mechanical stress impairs carotid but not cerebral artery compliance in dyslipidemic atherosclerotic mice. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 301, H2081-H2092.	3.2	43
39	Intracrine endothelin signaling evokes IP3-dependent increases in nucleoplasmic Ca2+ in adult cardiac myocytes. Journal of Molecular and Cellular Cardiology, 2013, 62, 189-202.	1.9	43
40	Antiangiogenic Activity of Aganirsen in Nonhuman Primate and Rodent Models of Retinal Neovascular Disease after Topical Administration. , 2012, 53, 1195.		42
41	Angiopoietin-like-2: a multifaceted protein with physiological and pathophysiological properties. Expert Reviews in Molecular Medicine, 2014, 16, e17.	3.9	42
42	Two distinct pathways account for EDHFâ€dependent dilatation in the gracilis artery of dyslipidaemic hApoB^{+/+} mice. British Journal of Pharmacology, 2005, 145, 264-270.	5.4	41
43	Receptor Tyrosine Kinase Ephb6 Regulates Vascular Smooth Muscle Contractility and Modulates Blood Pressure in Concert with Sex Hormones. Journal of Biological Chemistry, 2012, 287, 6819-6829.	3.4	35
44	Change in pharmacological effect of endothelin receptor antagonists in rats with pulmonary hypertension: Role of ETB-receptor expression levels. Pulmonary Pharmacology and Therapeutics, 2009, 22, 311-317.	2.6	34
45	Late chronic catechin antioxidant treatment is deleterious to the endothelial function in aging mice with established atherosclerosis. American Journal of Physiology - Heart and Circulatory Physiology, 2010, 298, H2062-H2070.	3.2	34
46	Non-Alcoholic Fatty Liver Disease, and the Underlying Altered Fatty Acid Metabolism, Reveals Brain Hypoperfusion and Contributes to the Cognitive Decline in APP/PS1 Mice. Metabolites, 2019, 9, 104.	2.9	34
47	Aging associated with mild dyslipidemia reveals that COX-2 preserves dilation despite endothelial dysfunction. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 292, H451-H458.	3.2	33
48	EPHB4 Protein Expression in Vascular Smooth Muscle Cells Regulates Their Contractility, and EPHB4 Deletion Leads to Hypotension in Mice. Journal of Biological Chemistry, 2015, 290, 14235-14244.	3.4	32
49	Pulse pressure-dependent cerebrovascular eNOS regulation in mice. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 413-424.	4.3	32
50	Chronically Elevated Endothelin Levels Reduce Pulmonary Vascular Reactivity to Nitric Oxide. American Journal of Respiratory and Critical Care Medicine, 2005, 171, 506-513.	5.6	31
51	Potent in Vivo Antiangiogenic Effects of GS-101 (5â€²-TATCCGGAGGGCTCGCCATGCTGCT-3â€²), an Antisense Oligonucleotide Preventing the Expression of Insulin Receptor Substrate-1. Journal of Pharmacology and Experimental Therapeutics, 2009, 329, 496-504.	2.5	31
52	Endogenous oxidative stress prevents telomerase-dependent immortalization of human endothelial cells. Mechanisms of Ageing and Development, 2010, 131, 354-363.	4.6	31
53	Antiphospholipid antibody-mediated effects in an arterial model of thrombosis are dependent on Toll-like receptor 4. Lupus, 2016, 25, 162-176.	1.6	31
54	Autoantibodies to heat shock proteinÂ60 promote thrombus formation in a murine model of arterial thrombosis. Journal of Thrombosis and Haemostasis, 2009, 7, 710-719.	3.8	30

#	Article	IF	Citations
55	ANGPTL2 is associated with an increased risk of cardiovascular events and death in diabetic patients. Diabetologia, 2016, 59, 2321-2330.	6.3	30
56	ROS-sensitive cytochrome P 450 activity maintains endothelial dilatation in ageing but is transitory in dyslipidaemic mice. British Journal of Pharmacology, 2006, 147, 897-904.	5.4	28
57	Possible Role of Efnb1 Protein, a Ligand of Eph Receptor Tyrosine Kinases, in Modulating Blood Pressure. Journal of Biological Chemistry, 2012, 287, 15557-15569.	3.4	28
58	Lifelong Cyclic Mechanical Strain Promotes Large Elastic Artery Stiffening: Increased Pulse Pressure and Old Age-Related Organ Failure. Canadian Journal of Cardiology, 2016, 32, 624-633.	1.7	28
59	ADCY9 (Adenylate Cyclase Type 9) Inactivation Protects From Atherosclerosis Only in the Absence of CETP (Cholesteryl Ester Transfer Protein). Circulation, 2018, 138, 1677-1692.	1.6	28
60	Effects of endothelin receptor antagonists and nitric oxide on myogenic tone and Î±-adrenergic-dependent contractions of rabbit resistance arteries. Cardiovascular Research, 1999, 43, 755-761.	3.8	27
61	High Circulating Levels of ANGPTL2: Beyond a Clinical Marker of Systemic Inflammation. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-12.	4.0	27
62	A change in the redox environment and thromboxane A2 production precede endothelial dysfunction in mice. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 293, H2508-H2515.	3.2	26
63	Systolic hypertension-induced neurovascular unit disruption magnifies vascular cognitive impairment in middle-age atherosclerotic LDLrâ^'/â^':hApoB+/+ mice. GeroScience, 2019, 41, 511-532.	4.6	26
64	Influence of Postangioplasty Î²-Irradiation on Endothelial Function in Porcine Coronary Arteries. Circulation, 2000, 101, 1430-1435.	1.6	25
65	Working under pressure: coronary arteries and the endothelin system. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 298, R1188-R1194.	1.8	25
66	Catechin prevents severe dyslipidemia-associated changes in wall biomechanics of cerebral arteries in LDLr^{â^'/â^'}:hApoB^{+/+} mice and improves cerebral blood flow. American Journal of Physiology - Heart and Circulatory Physiology, 2012, 302, H1330-H1339.	3.2	25
67	Hypertension and Alzheimer Disease. Hypertension, 2015, 65, 36-38.	2.7	25
68	Evaluation of endothelin-1-induced pulmonary vasoconstriction following myocardial infarction. Experimental Biology and Medicine, 2006, 231, 840-6.	2.4	24
69	Ascorbate improves metabolic abnormalities in Wrn mutant mice but not the free radical scavenger catechin. Annals of the New York Academy of Sciences, 2010, 1197, 40-44.	3.8	23
70	Up-regulation of thromboxane A2 impairs cerebrovascular eNOS function in aging atherosclerotic mice. Pflugers Archiv European Journal of Physiology, 2011, 462, 371-383.	2.8	23
71	The impact of highâ€intensity interval training on ventricular remodeling in patients with a recent acute myocardial infarctionâ€"A randomized training intervention pilot study. Clinical Cardiology, 2019, 42, 1222-1231.	1.8	23
72	Hyperâ€reactivity of cerebral arteries from ovariectomized rats: therapeutic benefit of tamoxifen. British Journal of Pharmacology, 2003, 140, 1187-1192.	5.4	22

#	Article	IF	Citations
73	Mouse strain differences in metabolic fluxes and function of ex vivo working hearts. American Journal of Physiology - Heart and Circulatory Physiology, 2014, 306, H78-H87.	3.2	22
74	Knockdown of angiopoietin-like 2 induces clearance of vascular endothelial senescent cells by apoptosis, promotes endothelial repair and slows atherogenesis in mice. Aging, 2019, 11, 3832-3850.	3.1	21
75	Influence of Nitric Oxide Synthase Inhibition and Endothelin-1 Receptor Blockade on Acetylcholine-Induced Coronary Artery Contraction In Vitro in Dilated and Ischemic Cardiomyopathies. Journal of Cardiovascular Pharmacology, 2001, 38, 90-98.	1.9	20
76	Endothelin B Receptor-Mediated Regulation of Endothelin-1 Content and Release in Cultured Porcine Aorta Endothelial Cell. Journal of Cardiovascular Pharmacology, 2002, 39, 652-659.	1.9	20
77	Vascular Disease Risk in Patients With Hypertriglyceridemia: Endothelial Progenitor Cells, Oxidative Stress, Accelerated Senescence, and Impaired Vascular Repair. Canadian Journal of Cardiology, 2011, 27, 538-540.	1.7	20
78	Novel Pathogenesis of Hypertension and Diastolic Dysfunction Caused by M3R (Muscarinic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 T	2.7	20
79	Epigenetic Regulatory Effect of Exercise on Glutathione Peroxidase 1 Expression in the Skeletal Muscle of Severely Dyslipidemic Mice. PLoS ONE, 2016, 11, e0151526.	2.5	20
80	Oxidized-LDL induced changes in membrane physico-chemical properties and [Ca2+]i of bovine aortic endothelial cells. Influence of vitamin E. Atherosclerosis, 1995, 114, 185-195.	0.8	19
81	Endothelin-Dependent Tone Limits Acetylcholine-Induced Dilation of Resistance Coronary Vessels After Blockade of NO Formation in Conscious Dogs. Hypertension, 1998, 32, 844-848.	2.7	19
82	Endothelin-1 Regulates Tone of Isolated Small Arteries in the Rat. Hypertension, 1998, 31, 1035-1041.	2.7	19
83	Contribution of endogenous endothelin to large epicardial coronary artery tone in dogs and humans. American Journal of Physiology - Heart and Circulatory Physiology, 1999, 277, H524-H532.	3.2	19
84	Loss of endothelial KATP channel-dependent, NO-mediated dilation of endocardial resistance coronary arteries in pigs with left ventricular hypertrophy. British Journal of Pharmacology, 2004, 143, 285-291.	5.4	19
85	Measurement of cerebral microvascular compliance in a model of atherosclerosis with optical coherence tomography. Biomedical Optics Express, 2011, 2, 3079.	2.9	19
86	Reversal of Endothelin-1 Release by Stimulation of Endothelial Î± 2 -Adrenoceptor Contributes to Cerebral Vasorelaxation. Hypertension, 1997, 30, 830-836.	2.7	19
87	Activation of ET_B receptors regulates the abundance of ETâ€1 mRNA in vascular endothelial cells. British Journal of Pharmacology, 2008, 153, 1420-1431.	5.4	18
88	Ivabradine reduces heart rate while preserving metabolic fluxes and energy status of healthy normoxic working hearts. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 300, H845-H852.	3.2	18
89	Estrogen and testosterone in concert with EFNB3 regulate vascular smooth muscle cell contractility and blood pressure. American Journal of Physiology - Heart and Circulatory Physiology, 2016, 310, H861-H872.	3.2	18
90	Lower Methylation of the ANGPTL2 Gene in Leukocytes from Post-Acute Coronary Syndrome Patients. PLoS ONE, 2016, 11, e0153920.	2.5	18

#	Article	IF	Citations
91	Vascular Calcium Overload Produced by Administration of Vitamin D3 and Nicotine in Rats. Changes in Tissue Calcium Levels, Blood Pressure, and Pressor Responses to Electrical Stimulation or Norepinephrine in Vivo. Journal of Cardiovascular Pharmacology, 1990, 16, 257-266.	1.9	17
92	Lack of Angiopoietinâ€Likeâ€2 Expression Limits the Metabolic Stress Induced by a Highâ€Fat Diet and Maintains Endothelial Function in Mice. Journal of the American Heart Association, 2014, 3, .	3.7	17
93	Magnetic resonance fingerprinting based on realistic vasculature in mice. NeuroImage, 2017, 149, 436-445.	4.2	17
94	Voluntary exercise increases brain tissue oxygenation and spatially homogenizes oxygen delivery in a mouse model of Alzheimer's disease. Neurobiology of Aging, 2020, 88, 11-23.	3.1	17
95	Serum tenascin-C is independently associated with increased major adverse cardiovascular events and death in individuals with type 2 diabetes: a French prospective cohort. Diabetologia, 2020, 63, 915-923.	6.3	17
96	Simultaneous measurement of ERK, p38, and JNK MAP kinase cascades in vascular smooth muscle cells. Journal of Pharmacological and Toxicological Methods, 2000, 44, 429-439.	0.7	16
97	Role of ET-1 in the regulation of coronary circulation. Canadian Journal of Physiology and Pharmacology, 2003, 81, 570-577.	1.4	16
98	Tolerability and safety of GSâ€101 eye drops, an antisense oligonucleotide to insulin receptor substrateâ€1: a â€˜first in manâ€™ Phase I investigation. British Journal of Clinical Pharmacology, 2009, 68, 169-173.	2.4	16
99	Reduced blood pressure after smooth muscle EFNB2 deletion and the potential association of EFNB2 mutation with human hypertension risk. European Journal of Human Genetics, 2016, 24, 1817-1825.	2.8	16
100	Endothelium-Derived Endothelin-1 Reduces Cerebral Artery Sensitivity to Nitric Oxide by a Protein Kinase Câ€“Independent Pathway. Stroke, 2001, 32, 2351-2355.	2.0	15
101	A single Mediterranean meal does not impair postprandial flow-mediated dilatation in healthy men with subclinical metabolic dysregulations. Applied Physiology, Nutrition and Metabolism, 2016, 41, 888-894.	1.9	15
102	Endothelial G Protein Î²-Subunits Trigger Nitric Oxideâ€“ but not Endothelium-Derived Hyperpolarizing Factorâ€“Dependent Dilation in Rabbit Resistance Arteries. Circulation Research, 2001, 89, 716-722.	4.5	14
103	Acute High-Intensity Intermittent Aerobic Exercise ReducesÂPlasma Angiopoietin-Like 2 in Patients With Coronary Artery Disease. Canadian Journal of Cardiology, 2015, 31, 1232-1239.	1.7	14
104	Role of ET_A receptors in the regulation of vascular reactivity in rats with congestive heart failure. American Journal of Physiology - Heart and Circulatory Physiology, 2000, 279, H844-H851.	3.2	13
105	Time-Dependent Beneficial Effect of Chronic Polyphenol Treatment with Catechin on Endothelial Dysfunction in Aging Mice. Dose-Response, 2012, 10, dose-response.1.	1.6	13
106	Age-Dependent Demethylation ofSod2Promoter in the Mouse Femoral Artery. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-6.	4.0	13
107	The role of endogenous norepinephrine release in potassium-evoked vasoconstriction of the rat tail artery. European Journal of Pharmacology, 1991, 205, 63-72.	3.5	12
108	Levels of Angiopoietin-Like-2 Are Positively Associated With Aortic Stiffness and Mortality After Kidney Transplantation. American Journal of Hypertension, 2017, 30, 409-416.	2.0	12

#	Article	IF	Citations
109	Atherosclerosis is associated with a decrease in cerebral microvascular blood flow and tissue oxygenation. PLoS ONE, 2019, 14, e0221547.	2.5	12
110	Reduction of plasma angiopoietin-like 2 after cardiac surgery is related to tissue inflammation and senescence status of patients. Journal of Thoracic and Cardiovascular Surgery, 2019, 158, 792-802.e5.	0.8	12
111	Pathological Continuum From the Rise in Pulse Pressure to Impaired Neurovascular Coupling and Cognitive Decline. American Journal of Hypertension, 2020, 33, 375-390.	2.0	12
112	Exercise Lowers Plasma Angiopoietin-Like 2 in Men with Post-Acute Coronary Syndrome. PLoS ONE, 2016, 11, e0164598.	2.5	12
113	Angptl2 is a Marker of Cellular Senescence: The Physiological and Pathophysiological Impact of Angptl2-Related Senescence. International Journal of Molecular Sciences, 2021, 22, 12232.	4.1	12
114	Knockdown of angiopoietin like-2 protects against angiotensin II-induced cerebral endothelial dysfunction in mice. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 308, H386-H397.	3.2	11
115	A Pilot Study Investigating Changes in Capillary Hemodynamics and Its Modulation by Exercise in the APP-PS1 Alzheimer Mouse Model. Frontiers in Neuroscience, 2019, 13, 1261.	2.8	11
116	Pathological aging of the vascular endothelium: are endothelial progenitor cells the sentinels of the cardiovascular system?. Canadian Journal of Cardiology, 2005, 21, 1019-24.	1.7	11
117	Ivabradine and metoprolol differentially affect cardiac glucose metabolism despite similar heart rate reduction in a mouse model of dyslipidemia. American Journal of Physiology - Heart and Circulatory Physiology, 2016, 311, H991-H1003.	3.2	10
118	Design of a Randomized Placebo-Controlled Trial to Evaluate the Anti-inflammatory and Senolytic Effects of Quercetin in Patients Undergoing Coronary Artery Bypass Graft Surgery. Frontiers in Cardiovascular Medicine, 2021, 8, 741542.	2.4	10
119	Differences between the in vitro vasoconstrictor responses of the tail artery to potassium and norepinephrine between spontaneously hypertensive, renovascular hypertensive, and various strains of normotensive rats. Journal of Pharmacological Methods, 1991, 25, 61-68.	0.7	9
120	Functional cross-talk between endothelial muscarinic and Î± 2 -adrenergic receptors in rabbit cerebral arteries. British Journal of Pharmacology, 1998, 125, 1188-1193.	5.4	9
121	Postnatal exposure to voluntary exercise but not the antioxidant catechin protects the vasculature after a switch to an atherogenic environment in middle-age mice. Pflugers Archiv European Journal of Physiology, 2013, 465, 197-208.	2.8	9
122	Bariatric Surgery-Induced Lower Angiopoietin-Like 2 Protein Is Associated With Improved Cardiometabolic Profile. Canadian Journal of Cardiology, 2017, 33, 1044-1051.	1.7	9
123	Chronic exposure of bovine aortic endothelial cells to native and oxidized LDL modifies phosphatidylinositol metabolism. Atherosclerosis, 1994, 107, 55-63.	0.8	8
124	Effects of low-dose-rate Î²-irradiation on vascular smooth muscle cells. Cardiovascular Radiation Medicine, 1999, 1, 125-130.	0.6	8
125	Different Contribution of Endothelial Nitric Oxide in the Relaxation of Human Coronary Arteries of Ischemic and Dilated Cardiomyopathic Hearts. Journal of Cardiovascular Pharmacology, 2001, 37, 227-232.	1.9	8
126	Alterations in the endothelial G-protein coupled receptor pathway in epicardial arteries and subendocardial arterioles in compensated left ventricular hypertrophy. Basic Research in Cardiology, 2007, 102, 144-153.	5.9	8

#	Article	IF	Citations
127	Influence of micro- and macro-vascular disease and Tumor Necrosis Factor Receptor 1 on the level of lower-extremity amputation in patients with type 2 diabetes. Cardiovascular Diabetology, 2018, 17, 81.	6.8	8
128	Therapeutic Targeting of LRP6 in Cardiovascular Diseases: Challenging But Not Wnt-Possible!. Canadian Journal of Cardiology, 2019, 35, 1567-1575.	1.7	8
129	Functional Dosage of Muscarinic Cholinergic Receptor 3 Signalling, Not the Gene Dose, Determines Its Hypertension Pathogenesis. Canadian Journal of Cardiology, 2019, 35, 661-670.	1.7	8
130	Î±-Thrombin Upregulates GÎ± i3 in Human Vascular Endothelial Cells. Stroke, 1996, 27, 2211-2215.	2.0	8
131	Endothelin-3-dependent pulmonary vasoconstriction in monocrotaline-induced pulmonary arterial hypertension. Peptides, 2008, 29, 2039-2045.	2.4	7
132	Sympathetic neurotransmission in the tail artery of aging rats. British Journal of Pharmacology, 1994, 113, 363-368.	5.4	5
133	Tracking adiponectin biodistribution via fluorescence molecular tomography indicates increased vascular permeability after streptozotocin-induced diabetes. American Journal of Physiology - Endocrinology and Metabolism, 2019, 317, E760-E772.	3.5	5
134	Chronic Treatment with Naftidrofuryl Attenuates the Development of Vascular Hypersensitivity to Serotonin in the Spontaneously Hypertensive Rat. Journal of Cardiovascular Pharmacology, 1990, 16, S54-S57.	1.9	5
135	On the environmental stress that reshapes our vessels. Cardiovascular Research, 2012, 93, 537-539.	3.8	4
136	Pathophysiological plasma ET-1 levels antagonize Î²-adrenergic dilation of coronary resistance vessels in conscious dogs. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 287, H1476-H1483.	3.2	3
137	HO-1, a new target of PPARÂ with 'anti-atherogenic' properties: is it the one?. Cardiovascular Research, 2010, 85, 647-648.	3.8	3
138	The Anti-Hypercholesterolemic Effect of Low p53 Expression Protects Vascular Endothelial Function in Mice. PLoS ONE, 2014, 9, e92394.	2.5	3
139	Cloning, expression and purification of functionally active human angiopoietin-like protein 2. SpringerPlus, 2014, 3, 337.	1.2	3
140	Knockdown of angiopoietin-like 2 mimics the benefits of intermittent fasting on insulin responsiveness and weight loss. Experimental Biology and Medicine, 2018, 243, 45-49.	2.4	3
141	Hypertension accelerates cerebral tissue PO2 disruption in Alzheimerâ€™s disease. Neuroscience Letters, 2020, 715, 134626.	2.1	3
142	Vascular Aging and Oxidative Stress: Hormesis and Adaptive Cellular Pathways. , 2010, , 309-321.		3
143	Impact of atherosclerotic disease on cerebral microvasculature and tissue oxygenation in awake LDLRâ^'/â^'hApoB+/+ transgenic mice. Neurophotonics, 2019, 6, 1.	3.3	3
144	Adenylate cyclase type 9 antagonizes cAMP accumulation and regulates endothelial signaling involved in atheroprotection. Cardiovascular Research, 2022, , .	3.8	3

#	Article	IF	Citations
145	Endothelin-1 Limits Vascular Smooth Muscle Î²-Adrenergic Receptor Sensitivity by a PKC-Dependent Pathway. Journal of Cardiovascular Pharmacology, 2003, 42, 534-538.	1.9	2
146	Life [ageing] is like riding a bicycle. To keep your [coronary and heart] balance you must keep moving. Journal of Physiology, 2017, 595, 3701-3702.	2.9	2
147	Chapter 10 Heterogeneity of lung endothelial cells. Advances in Molecular and Cell Biology, 2005, 35, 277-310.	0.1	1
148	Neuroprotection after ischemic stroke by activation of angiotensin receptor type 2. Journal of Hypertension, 2015, 33, 66-68.	0.5	1
149	Arterial Stiffness and the Brain. , 2016, , 135-153.		1
150	A Novel Molecular Pathway of Plaque Vulnerability Reveals a Cholesterol-Independent Effect of Statins and Supports Inflammation as a Therapeutic Target. Canadian Journal of Cardiology, 2020, 36, 1710-1713.	1.7	1
151	Role of Oxidative Stress in Vascular Endothelial Cells Through Aging â€“ a Double-Edged Sword. , 2014, , 1383-1403.		1
152	Ouabain decreases reactive oxygen species and salvages nitric oxide: or is it the other way around?. Journal of Hypertension, 2008, 26, 1901-1902.	0.5	0
153	Synthetic reconstruction of dynamic blood flow in cortical arteries using optical coherence tomography for the evaluation of vessel compliance. , 2011, , .		0
154	027 Low P53 Expression Counteracts the Age-Dependent Decline in Endothelial Function. Canadian Journal of Cardiology, 2012, 28, S94.	1.7	0
155	031 A High Fat Diet Does Not Induce Hypercholesterolemia in p53+/â^' Mice. Canadian Journal of Cardiology, 2012, 28, S96.	1.7	0
156	A Single Mediterranean-Type Meal Leads to Postprandial Enrichment in Omega-3 Pufas and Does Not Impair Flow-Mediated Dilatation in Comparison to a High-Saturated Fat Meal in Healthy Men With High-Normal Fasting Triglyceridemia. Canadian Journal of Cardiology, 2013, 29, S357.	1.7	0
157	Comparison of Hemodynamic Responses and Substrate Utilisation During High Intensity Intermittent Exercie Vs Moderate Continous Intensity Exercise in Healhy Adults. Canadian Journal of Cardiology, 2013, 29, S321.	1.7	0
158	Differential Pharmacological Profiles of Different B-Blockers on Vascular Function in Atherosclerotic Mice. Canadian Journal of Cardiology, 2013, 29, S179.	1.7	0
159	14.5 LEVELS OF ANGIOPOIETIN-LIKE-2 ARE POSITIVELY ASSOCIATED WITH AORTIC STIFFNESS AND MORTALITY AFTER KIDNEY TRANSPLANTATION. Artery Research, 2016, 16, 83.	0.6	0
160	Replicative senescence of vascular endothelial cells isolated from coronary patients is worsened by oxidative stress associated with risk factors for cardiovascular disease. FASEB Journal, 2008, 22, 964.24.	0.5	0
161	hTERT overexpression delays replicative senescence but not damageâ€induced senescence of vascular endothelial cells isolated from patients with severe CAD. FASEB Journal, 2008, 22, 964.21.	0.5	0
162	Increase of myogenic tone in the cerebral arteries of dyslipidemic mice is not due to a vessel wall remodelling. FASEB Journal, 2009, 23, 627.2.	0.5	0

#	Article	IF	Citations
163	MLCP activation limits oscillatory pulse pressureâ€induced rise in myogenic tone of isolated mouse cerebral arteries in the absence of NO. FASEB Journal, 2012, 26, lb611.	0.5	0
164	Angiopoietin likeâ€2 stimulates leukocytes adhesion to the native aortic endothelium in LDLrâ^'/â^'; hApoB100+/+ mice. FASEB Journal, 2012, 26, 841.4.	0.5	0
165	Contribution of prostacyclin regulation in the vascular tone of angiopoietin likeâ€2 deficient mice. FASEB Journal, 2012, 26, 866.22.	0.5	0
166	Ivabradine but not metoprolol preserves ex vivo function and glycolysis of working dyslipidemic mouse hearts without activation of stress signaling pathways. FASEB Journal, 2013, 27, 791.6.	0.5	0
167	Angiopoietin likeâ€2 knockâ€down improves the lipid profile of highâ€fat dietâ€fed mice and maintains vascular endothelial function. FASEB Journal, 2013, 27, .	0.5	0
168	Oscillatory pulse pressure changes endothelial sensitivity to shear stress and myogenic tone in isolated mouse cerebral arteries. FASEB Journal, 2013, 27, 700.12.	0.5	0
169	Regulation of antioxidant enzyme expression in response to exercise in skeletal muscles of dyslipidemic mice. FASEB Journal, 2013, 27, 1136.14.	0.5	0
170	Pulse Pressure Reveals Shear Stressâ€Dependent eNOS Activity in Mice Cerebral Arteries. FASEB Journal, 2015, 29, 832.3.	0.5	0
171	Abstract 624: Interactions Between Adenylate Cyclase Type 9 (ADCY9) and Cholesteryl Ester Transfer Protein (CETP) in Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, .	2.4	0
172	Mice knockdown for angiopoietinâ€like 2 spontaneously develop aortic valve stenosis. FASEB Journal, 2019, 33, 120.4.	0.5	0
173	Reduction of plasma angiopoietinâ€like 2 after cardiac surgery is related to tissue inflammation and senescence status of patients. FASEB Journal, 2019, 33, 828.10.	0.5	0
174	Single Endothelial Cell mRNA Sequencing Better Captures the Severity of Coronary Artery Disease Than Targeted Total Arterial Markers of Inflammation and Senescence. FASEB Journal, 2020, 34, 1-1.	0.5	0
175	Knockdown of ANGPTL2 promotes cardiac left ventricular dysfunction in mice via upâ€regulation of NOX4. FASEB Journal, 2020, 34, 1-1.	0.5	0
176	The quest for a biomarker of premature biological aging. Canadian Journal of Cardiology, 2021, , .	1.7	0