Daniel Henrion

List of Publications by Year
in descending order

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264 papers	10,747 citations	25034 57 h-index	45317 90 g-index
271 all docs	271 docs citations	271 times ranked	13079 citing authors

#	Article	IF	Citations
1	Role of NO in Flow-Induced Remodeling of the Rabbit Common Carotid Artery. Arteriosclerosis, Thrombosis, and Vascular Biology, 1996, 16, 1256-1262.	2.4	286
2	Membrane and Nuclear Estrogen Receptor Alpha Actions: From Tissue Specificity to Medical Implications. Physiological Reviews, 2017, 97, 1045-1087.	28.8	283
3	Risk factors associated with alterations in carotid intimaâ€"media thickness in hypertension. Journal of Hypertension, 1998, 16, 949-961.	0.5	260
4	The Rho exchange factor Arhgef1 mediates the effects of angiotensin II on vascular tone and blood pressure. Nature Medicine, 2010, 16, 183-190.	30.7	234
5	Mutation of the palmitoylation site of estrogen receptor Î± in vivo reveals tissue-specific roles for membrane versus nuclear actions. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E283-90.	7.1	221
6	Chronic blockade of AT2-subtype receptors prevents the effect of angiotensin II on the rat vascular structure.. Journal of Clinical Investigation, 1996, 98, 418-425.	8.2	215
7	GPR68 Senses Flow and Is Essential for Vascular Physiology. Cell, 2018, 173, 762-775.e16.	28.9	205
8	Endoplasmic Reticulum Stress Is Involved in Cardiac Damage and Vascular Endothelial Dysfunction in Hypertensive Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 1652-1661.	2.4	182
9	G894T Polymorphism in the Endothelial Nitric Oxide Synthase Gene Is Associated With an Enhanced Vascular Responsiveness to Phenylephrine. Circulation, 1999, 99, 3096-3098.	1.6	177
10	Pulsatile shear and Gja5 modulate arterial identity and remodeling events during flow-driven arteriogenesis. Development (Cambridge), 2010, 137, 2187-2196.	2.5	166
11	Mycobacterial Toxin Induces Analgesia in Buruli Ulcer by Targeting the Angiotensin Pathways. Cell, 2014, 157, 1565-1576.	28.9	160
12	Impaired flow-induced dilation in mesenteric resistance arteries from mice lacking vimentin.. Journal of Clinical Investigation, 1997, 100, 2909-2914.	8.2	150
13	AT ₂ Receptor-Mediated Relaxation Is Preserved After Long-Term AT ₁ Receptor Blockade. Hypertension, 2002, 40, 516-520.	2.7	146
14	Sonic hedgehog carried by microparticles corrects endothelial injury through nitric oxide release. FASEB Journal, 2007, 21, 2735-2741.	0.5	145
15	The endothelial mineralocorticoid receptor regulates vasoconstrictor tone and blood pressure. FASEB Journal, 2010, 24, 2454-2463.	0.5	135
16	Phosphorylation of Serine 188 Protects RhoA from Ubiquitin/Proteasome-Mediated Degradation in Vascular Smooth Muscle Cells. Circulation Research, 2005, 96, 1152-1160.	4.5	133
17	Activation of AT 2 Receptors by Endogenous Angiotensin II Is Involved in Flow-Induced Dilation in Rat Resistance Arteries. Hypertension, 1999, 34, 659-665.	2.7	117
18	Chronic Blockade of NO Synthase Activity Induces a Proinflammatory Phenotype in the Arterial Wall. Arteriosclerosis, Thrombosis, and Vascular Biology, 1998, 18, 1408-1416.	2.4	116

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19	Physiological and Pathophysiological Functions of the AT₂Subtype Receptor of Angiotensin II. Hypertension, 2001, 38, 1150-1157.	2.7	115
20	RISK and SAFE signaling pathway interactions in remote limb ischemic perconditioning in combination with local ischemic postconditioning. Basic Research in Cardiology, 2011, 106, 1329-1339.	5.9	115
21	Evaluation of the microcirculation in hypertension and cardiovascular disease. European Heart Journal, 2007, 28, 2834-2840.	2.2	114
22	Antithrombotic effects of hydroxychloroquine in primary antiphospholipid syndrome patients. Journal of Thrombosis and Haemostasis, 2013, 11, 1927-1929.	3.8	112
23	Resveratrol Induces a Mitochondrial Complex I-dependent Increase in NADH Oxidation Responsible for Sirtuin Activation in Liver Cells. Journal of Biological Chemistry, 2013, 288, 36662-36675.	3.4	110
24	Alteration of flowâ€induced dilatation in mesenteric resistance arteries of <scp>L</scp>â€NAME treated rats and its partial association with induction of cycloâ€oxygenaseâ€2. British Journal of Pharmacology, 1997, 121, 83-90.	5.4	107
25	Hemodynamic Stresses Induce Endothelial Dysfunction and Remodeling of Pulmonary Artery in Experimental Compensated Heart Failure. Circulation, 2000, 101, 2764-2770.	1.6	106
26	Key Role of the NO-Pathway and Matrix Metalloprotease-9 in High Blood Flow-Induced Remodeling of Rat Resistance Arteries. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 317-324.	2.4	105
27	Flow (Shear Stress)â€“Induced Endothelium-Dependent Dilation Is Altered in Mice Lacking the Gene Encoding for Dystrophin. Circulation, 2001, 103, 864-870.	1.6	100
28	Detrimental hemodynamic and inflammatory effects of microparticles originating from septic rats*. Critical Care Medicine, 2009, 37, 2045-2050.	0.9	99
29	High Blood Pressure Reduction Reverses Angiotensin II Type 2 Receptorâ€“Mediated Vasoconstriction Into Vasodilation in Spontaneously Hypertensive Rats. Circulation, 2005, 111, 1006-1011.	1.6	98
30	The uterine and vascular actions of estetrol delineate a distinctive profile of estrogen receptor Î± modulation, uncoupling nuclear and membrane activation. EMBO Molecular Medicine, 2014, 6, 1328-1346.	6.9	96
31	Notch3 Is a Major Regulator of Vascular Tone in Cerebral and Tail Resistance Arteries. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 2216-2224.	2.4	93
32	A Novel Role for Epidermal Growth Factor Receptor Tyrosine Kinase and Its Downstream Endoplasmic Reticulum Stress in Cardiac Damage and Microvascular Dysfunction in Type 1 Diabetes Mellitus. Hypertension, 2012, 60, 71-80.	2.7	90
33	Dihydrochalcones: Implication in resistance to oxidative stress and bioactivities against advanced glycation end-products and vasoconstriction. Phytochemistry, 2010, 71, 443-452.	2.9	89
34	Mitochondrial angiotensin receptors in dopaminergic neurons. Role in cell protection and aging-related vulnerability to neurodegeneration. Cell Death and Disease, 2016, 7, e2427-e2427.	6.3	87
35	Endothelial Nitric Oxide Synthase Lies Downstream From Angiotensin IIâ€“Induced Angiogenesis in Ischemic Hindlimb. Hypertension, 2002, 39, 830-835.	2.7	86
36	The vascular phenotype in Pseudoxanthoma elasticum and related disorders: contribution of a genetic disease to the understanding of vascular calcification. Frontiers in Genetics, 2013, 4, 4.	2.3	86

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37	Impaired Vascular Mechanotransduction in a Transgenic Mouse Model of CADASIL Arteriopathy. Stroke, 2005, 36, 113-117.	2.0	85
38	Phosphatidylinositol 3-Kinase and Xanthine Oxidase Regulate Nitric Oxide and Reactive Oxygen Species Productions by Apoptotic Lymphocyte Microparticles in Endothelial Cells. Journal of Immunology, 2008, 180, 5028-5035.	0.8	84
39	Defect in Microvascular Adaptation to Chronic Changes in Blood Flow in Mice Lacking the Gene Encoding for Dystrophin. Circulation Research, 2002, 91, 1183-1189.	4.5	80
40	Altered acetylcholine, bradykinin and cutaneous pressureâ€induced vasodilation in mice lacking the TREK1 potassium channel: the endothelial link. EMBO Reports, 2007, 8, 354-359.	4.5	80
41	Ste20-Related Kinase SLK Phosphorylates Ser188 of RhoA to Induce Vasodilation in Response to Angiotensin II Type 2 Receptor Activation. Circulation Research, 2008, 102, 1265-1274.	4.5	79
42	Epidermal growth factor receptor transactivation mediates the tonic and fibrogenic effects of endothelin in the aortic wall of transgenic mice. FASEB Journal, 2003, 17, 327-329.	0.5	76
43	Systemic and immune manifestations in myelodysplasia: A multicenter retrospective study. Arthritis Care and Research, 2011, 63, 1188-1194.	3.4	76
44	Effects of hydrogen sulfide on hemodynamics, inflammatory response and oxidative stress during resuscitated hemorrhagic shock in rats. Critical Care, 2010, 14, R165.	5.8	75
45	Absence of Dystrophin in Mice Reduces NO-Dependent Vascular Function and Vascular Density: Total Recovery After a Treatment with the Aminoglycoside Gentamicin. Arteriosclerosis, Thrombosis, and Vascular Biology, 2004, 24, 671-676.	2.4	74
46	Flow-Induced Remodeling in Resistance Arteries From Obese Zucker Rats Is Associated With Endothelial Dysfunction. Hypertension, 2007, 50, 248-254.	2.7	72
47	Deficiency or blockade of angiotensin II type 2 receptor delays tumorigenesis by inhibiting malignant cell proliferation and angiogenesis. International Journal of Cancer, 2010, 127, 2279-2291.	5.1	72
48	Diabetes mellitus abrogates erythropoietin-induced cardioprotection against ischemic-reperfusion injury by alteration of the RISK/GSK-3Î² signaling. Basic Research in Cardiology, 2011, 106, 147-162.	5.9	72
49	Effects of red wine polyphenols on postischemic neovascularization model in rats: low doses are proangiogenic, high doses antiâ€angiogenic. FASEB Journal, 2007, 21, 3511-3521.	0.5	71
50	Endothelial S1P ₁ Signaling Counteracts Infarct Expansion in Ischemic Stroke. Circulation Research, 2021, 128, 363-382.	4.5	71
51	Resveratrol Directly Binds to Mitochondrial Complex I and Increases Oxidative Stress in Brain Mitochondria of Aged Mice. PLoS ONE, 2015, 10, e0144290.	2.5	70
52	Human serum albumin improves endothelial dysfunction and survival during experimental endotoxemia: Concentration-dependent properties*. Critical Care Medicine, 2011, 39, 1414-1422.	0.9	68
53	Emerging role of G protein-coupled receptors in microvascular myogenic tone. Cardiovascular Research, 2012, 95, 223-232.	3.8	66
54	Protective effects of angiopoietin-like 4 on cerebrovascular and functional damages in ischaemic stroke. European Heart Journal, 2013, 34, 3657-3668.	2.2	64

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55	Central Role of P2Y ₆ UDP Receptor in Arteriolar Myogenic Tone. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1598-1606.	2.4	64
56	WNK1 Regulates Vasoconstriction and Blood Pressure Response to Î± ₁ -Adrenergic Stimulation in Mice. Hypertension, 2011, 58, 439-445.	2.7	63
57	HIBISCUS: Hydroxychloroquine for the secondary prevention of thrombotic and obstetrical events in primary antiphospholipid syndrome. Autoimmunity Reviews, 2018, 17, 1153-1168.	5.8	62
58	Heparin binding EGF is necessary for vasospastic response to endothelin. FASEB Journal, 2006, 20, 1936-1938.	0.5	60
59	Dll4-Notch signaling determines the formation of native arterial collateral networks and arterial function in mouse ischemia models. Development (Cambridge), 2013, 140, 1720-1729.	2.5	60
60	Role of the cytoskeleton in flow (shear stress)-induced dilation and remodeling in resistance arteries. Medical and Biological Engineering and Computing, 2008, 46, 451-460.	2.8	59
61	Tissue angiotensin II and endothelin-1 modulate differently the response to flow in mesenteric resistance arteries of normotensive and spontaneously hypertensive rats. British Journal of Pharmacology, 2000, 130, 521-526.	5.4	57
62	p38 Mitogen-Activated Protein Kinase Activation Is Required for Thromboxane- Induced Contraction in Perfused and Pressurized Rat Mesenteric Resistance Arteries. Journal of Vascular Research, 2002, 39, 353-360.	1.4	57
63	Selective microvascular dysfunction in mice lacking the gene encoding for desmin. FASEB Journal, 2002, 16, 1-21.	0.5	56
64	Impaired Nitric Oxideâ€“ and Prostaglandin-Mediated Responses to Flow in Resistance Arteries of Hypertensive Rats. Hypertension, 1997, 30, 942-947.	2.7	56
65	Vascular reactivity in mesenteric resistance arteries following chronic nitric oxide synthase inhibition in Wistar rats. British Journal of Pharmacology, 1996, 117, 341-346.	5.4	53
66	Alteration in flow (shear stress)-induced remodelling in rat resistance arteries with aging: improvement by a treatment with hydralazine. Cardiovascular Research, 2007, 77, 600-608.	3.8	53
67	In Vitro Alteration of Aortic Vascular Reactivity in Hypertension Induced by Chronic N ^G -Nitro- <scp>l</scp> -Arginine Methyl Ester. Hypertension, 1996, 28, 361-366.	2.7	52
68	Increase in Cardiac Ischemia-Reperfusion Injuries in Opa1+/- Mouse Model. PLoS ONE, 2016, 11, e0164066.	2.5	51
69	Angiotensin II Type 1 Receptor Gene Polymorphism Is Associated with an Increased Vascular Reactivity in the Human Mammary Artery in vitro. Journal of Vascular Research, 1998, 35, 356-362.	1.4	50
70	Paradoxical Role of Angiotensin II Type 2 Receptors in Resistance Arteries of Old Rats. Hypertension, 2007, 50, 96-102.	2.7	49
71	Type 2 diabetes severely impairs structural and functional adaptation of rat resistance arteries to chronic changes in blood flow. Cardiovascular Research, 2009, 81, 788-796.	3.8	49
72	Key Role of Estrogens and Endothelial Estrogen Receptor Î± in Blood Flowâ€“Mediated Remodeling of Resistance Arteries. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 605-611.	2.4	48

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73	Stretch-activated Piezo1 Channel in Endothelial Cells Relaxes Mouse Intrapulmonary Arteries. American Journal of Respiratory Cell and Molecular Biology, 2019, 60, 650-658.	2.9	48
74	The endothelial Î±ENaC contributes to vascular endothelial function in vivo. PLoS ONE, 2017, 12, e0185319.	2.5	47
75	The ecto-ATPDase CD39 is involved in the acquisition of the immunoregulatory phenotype by M-CSF-macrophages and ovarian cancer tumor-associated macrophages: Regulatory role of IL-27. OncoImmunology, 2016, 5, e1178025.	4.6	46
76	Chronic Blockade of Endothelin Receptors Improves Ischemia-Induced Angiogenesis in Rat Hindlimbs Through Activation of Vascular Endothelial Growth Factorâ€“NO Pathway. Arteriosclerosis, Thrombosis, and Vascular Biology, 2001, 21, 1598-1603.	2.4	45
77	Predominant Role of Nuclear Versus Membrane Estrogen Receptor Î± in Arterial Protection: Implications for Estrogen Receptor Î± Modulation in Cardiovascular Prevention/Safety. Journal of the American Heart Association, 2018, 7, .	3.7	45
78	The AGE-Breaker ALT-711 Restores High Blood Flowâ€“Dependent Remodeling in Mesenteric Resistance Arteries in a Rat Model of Type 2 Diabetes. Diabetes, 2012, 61, 1562-1572.	0.6	43
79	Inactivation of Serum Response Factor Contributes To Decrease Vascular Muscular Tone and Arterial Stiffness in Mice. Circulation Research, 2013, 112, 1035-1045.	4.5	43
80	Key role of Î±₁Î²₁-integrin in the activation of PI3-kinase-Akt by flow (shear stress) in resistance arteries. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 294, H1906-H1913.	3.2	42
81	AMPK Alpha 1-Induced RhoA Phosphorylation Mediates Vasoprotective Effect of Estradiol. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 2634-2642.	2.4	42
82	Self-Protection by Cardiac Myocytes Against Hypoxia and Hyperoxia. Circulation Research, 1999, 85, 690-698.	4.5	41
83	Activation of prostaglandin E2 EP1 receptor increases arteriolar tone and blood pressure in mice with type 2 diabetes. Cardiovascular Research, 2009, 83, 148-154.	3.8	41
84	The addition of ketone bodies alleviates mitochondrial dysfunction by restoring complex I assembly in a MELAS cellular model. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 284-291.	3.8	41
85	Myocardial reperfusion injury management: erythropoietin compared with postconditioning. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 297, H2035-H2043.	3.2	40
86	Chronic inhibition of endoplasmic reticulum stress and inflammation prevents ischaemiaâ€induced vascular pathology in type II diabetic mice. Journal of Pathology, 2012, 227, 165-174.	4.5	40
87	Uterine Artery Structural and Functional Changes During Pregnancy in Tissue Kallikreinâ€“Deficient Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2003, 23, 1826-1832.	2.4	39
88	Reactive Oxygen Species and Cyclooxygenase 2-Derived Thromboxane A2 Reduce Angiotensin II Type 2 Receptor Vasorelaxation in Diabetic Rat Resistance Arteries. Hypertension, 2010, 55, 339-344.	2.7	39
89	High Sodium Intake Decreases Pressure-Induced (Myogenic) Tone and Flow-Induced Dilation in Resistance Arteries From Hypertensive Rats. Hypertension, 1998, 32, 176-179.	2.7	38
90	Excessive Microvascular Adaptation to Changes in Blood Flow in Mice Lacking Gene Encoding for Desmin. Arteriosclerosis, Thrombosis, and Vascular Biology, 2002, 22, 1579-1584.	2.4	38

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91	Preproendothelin-1 Gene Polymorphism Is Related to a Change in Vascular Reactivity in the Human Mammary Artery In Vitro. Hypertension, 2002, 39, 209-213.	2.7	38
92	Anti-Ku antibodies: Clinical, genetic and diagnostic insights. Autoimmunity Reviews, 2010, 9, 691-694.	5.8	38
93	Relationship between ankle brachial index and arterial remodeling in pseudoxanthoma elasticum. Journal of Vascular Surgery, 2011, 54, 1390-1394.	1.1	38
94	Metabolically induced heteroplasmy shifting and l-arginine treatment reduce the energetic defect in a neuronal-like model of MELAS. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2012, 1822, 1019-1029.	3.8	38
95	Chronic infusion of low-dose angiotensin II potentiates the adrenergic response in vivo. Journal of Hypertension, 1996, 14, 177-182.	0.5	36
96	Chronic blockade of endothelin ETA receptors improves flow dependent dilation in resistance arteries of hypertensive rats. Cardiovascular Research, 1998, 39, 657-664.	3.8	36
97	Flow (shear stress)-mediated remodeling of resistance arteries in diabetes. Vascular Pharmacology, 2012, 57, 173-178.	2.1	36
98	Cyclooxygenase Involvement in Thromboxane-Dependent Contraction in Rat Mesenteric Resistance Arteries. Hypertension, 2004, 43, 1264-1269.	2.7	35
99	Carotid arterial stiffness, elastic fibre network and vasoreactivity in semicarbazide-sensitive amine-oxidase null mouse. Cardiovascular Research, 2006, 72, 349-357.	3.8	35
100	VASCULAR ANGIOTENSIN AT2RECEPTORS IN HYPERTENSION AND AGEING. Clinical and Experimental Pharmacology and Physiology, 2008, 35, 386-390.	1.9	35
101	Smooth Muscle Dysfunction in Resistance Arteries of the Staggerer Mouse, a Mutant of the Nuclear Receptor RORÎ±. Circulation Research, 2002, 90, 820-825.	4.5	34
102	Further evidence from an elastic artery that angiotensin II amplifies noradrenaline-induced contraction through activation of protein kinase C. European Journal of Pharmacology, 1992, 224, 13-20.	3.5	33
103	Involvement of RhoA/Rho Kinase Pathway in Myogenic Tone in the Rabbit Facial Vein. Hypertension, 2005, 45, 974-979.	2.7	33
104	Stretch Induces Mitogen-Activated Protein Kinase Activation and Myogenic Tone Through 2 Distinct Pathways. Arteriosclerosis, Thrombosis, and Vascular Biology, 1999, 19, 2878-2883.	2.4	32
105	Prokineticin Receptorâ€1 Is a New Regulator of Endothelial Insulin Uptake and Capillary Formation to Control Insulin Sensitivity and Cardiovascular and Kidney Functions. Journal of the American Heart Association, 2013, 2, e000411.	3.7	32
106	Determinants of Flow-Mediated Outward Remodeling in Female Rodents. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 1281-1289.	2.4	32
107	In Vitro Modulation of a Resistance Artery Diameter by the Tissue Renin-Angiotensin System of a Large Donor Artery. Circulation Research, 1997, 80, 189-195.	4.5	32
108	Reactive Oxygen Species Are Necessary for High Flow (Shear Stress)-induced Diameter Enlargement of Rat Resistance Arteries. Microcirculation, 2009, 16, 391-402.	1.8	31

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109	The consequences of aortic calcium overload following vitamin D3 plus nicotine treatment in young rats. Journal of Hypertension, 1991, 9, 919???926.	0.5	30
110	Heme Oxygenase 1 Is Differentially Involved in Blood Flowâ€“Dependent Arterial Remodeling. Hypertension, 2011, 58, 225-231.	2.7	30
111	Optimisation of movement detection and artifact removal during laser speckle contrast imaging. Microvascular Research, 2015, 97, 75-80.	2.5	30
112	Functional characterization of the 12p12.1 renal cancer-susceptibility locus implicates BHLHE41. Nature Communications, 2016, 7, 12098.	12.8	30
113	Cyclooxygenase-2 Inhibition Restored Endothelium-Mediated Relaxation in Old Obese Zucker Rat Mesenteric Arteries. Frontiers in Physiology, 2010, 1, 145.	2.8	29
114	Heme oxygenase-1 induction restores high-blood-flow-dependent remodeling and endothelial function in mesenteric arteries of old rats. Journal of Hypertension, 2011, 29, 102-112.	0.5	29
115	Assembly defects induce oxidative stress in inherited mitochondrial complex I deficiency. International Journal of Biochemistry and Cell Biology, 2015, 65, 91-103.	2.8	29
116	Arterial Myogenic Activation through Smooth Muscle Filamin A. Cell Reports, 2016, 14, 2050-2058.	6.4	29
117	In Vitro Effects of the Endocrine Disruptor p,p â€™-DDT on Human Follitropin Receptor. Environmental Health Perspectives, 2016, 124, 991-999.	6.0	28
118	A Bacterial Toxin with Analgesic Properties: Hyperpolarization of DRG Neurons by Mycolactone. Toxins, 2017, 9, 227.	3.4	28
119	Iron deficiency without anemia is responsible for decreased left ventricular function and reduced mitochondrial complex I activity in a mouse model. International Journal of Cardiology, 2018, 266, 206-212.	1.7	28
120	Role of Microvascular Tone and Extracellular Matrix Contraction in the Regulation of Interstitial Fluid. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1742-1747.	2.4	27
121	Alteration of Extracellular Nucleotide Metabolism in Pseudoxanthoma Elasticum. Journal of Investigative Dermatology, 2018, 138, 1862-1870.	0.7	27
122	Endothelial kinin B 1 â€•receptors are induced by myocardial ischaemiaâ€•reperfusion in the rabbit. Journal of Physiology, 2001, 530, 69-78.	2.9	26
123	Disseminated Arterial Calcification and Enhanced Myogenic Response Are Associated With Abcc6 Deficiency in a Mouse Model of Pseudoxanthoma Elasticum. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 1045-1056.	2.4	26
124	Primary antiphospholipid syndrome and antiphospholipid syndrome associated to systemic lupus: Are they different entities?. Autoimmunity Reviews, 2018, 17, 739-745.	5.8	26
125	The deletion genotype of the angiotensin I-converting enzyme is associated with an increased vascular reactivity in vivo and in vitro. Journal of the American College of Cardiology, 1999, 34, 830-836.	2.8	25
126	Involvement of Reninâ€“Angiotensin System in Pressureâ€“Flow Relationship. Anesthesiology, 2002, 96, 271-275.	2.5	25

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127	Role of Angiotensin II in the Remodeling Induced by a Chronic Increase in Flow in Rat Mesenteric Resistance Arteries. Hypertension, 2010, 55, 109-115.	2.7	25
128	A 5-year prospective follow-up study in essential cryofibrinogenemia patients. Autoimmunity Reviews, 2011, 10, 559-562.	5.8	24
129	Cyclooxygenase-2 preserves flow-mediated remodelling in old obese Zucker rat mesenteric arteries. Cardiovascular Research, 2010, 86, 516-525.	3.8	23
130	The Contribution of Arterial Calcification to Peripheral Arterial Disease in Pseudoxanthoma Elasticum. PLoS ONE, 2014, 9, e96003.	2.5	23
131	Mutation of Arginine 264 on ERÎ± (Estrogen Receptor Alpha) Selectively Abrogates the Rapid Signaling of Estradiol in the Endothelium Without Altering Fertility. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 2143-2158.	2.4	23
132	In Utero Exposure to Maternal Diabetes Impairs Vascular Expression of Prostacyclin Receptor in Rat Offspring. Diabetes, 2010, 59, 2597-2602.	0.6	22
133	COX-2-Derived Prostanoids and Oxidative Stress Additionally Reduce Endothelium-Mediated Relaxation in Old Type 2 Diabetic Rats. PLoS ONE, 2013, 8, e68217.	2.5	22
134	The angiotensin II type 2 receptor activates flow-mediated outward remodelling through T cells-dependent interleukin-17 production. Cardiovascular Research, 2016, 112, 515-525.	3.8	22
135	Human amniotic fluid-based exposure levels of phthalates and bisphenol A mixture reduce INSL3/RXFP2 signaling. Environment International, 2020, 138, 105585.	10.0	22
136	In utero exposure to Azathioprine in autoimmune disease. Where do we stand?. Autoimmunity Reviews, 2020, 19, 102525.	5.8	22
137	Decreased Flow-Induced Dilation and Increased Production of cGMP in Spontaneously Hypertensive Rats. Hypertension, 1998, 32, 1098-1103.	2.7	21
138	Chronic Hydralazine Improves Flow (Shear Stress)-Induced Endothelium-Dependent Dilation in Mouse Mesenteric Resistance Arteries in Vitro. Microvascular Research, 2002, 64, 127-134.	2.5	21
139	Role of tissue kallikrein in response to flow in mouse resistance arteries. Journal of Hypertension, 2004, 22, 745-750.	0.5	21
140	Resveratrol Decreases TXNIP mRNA and Protein Nuclear Expressions With an Arterial Function Improvement in Old Mice. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 71, 720-729.	3.6	21
141	Involvement of the GABAA receptor Î± subunit in the mode of action of etifoxine. Pharmacological Research, 2019, 145, 104250.	7.1	21
142	Targeting endothelial thioredoxin-interacting protein (TXNIP) protects from metabolic disorder-related impairment of vascular function and post-ischemic revascularisation. Angiogenesis, 2020, 23, 249-264.	7.2	21
143	Snake Venom Components: Tools and Cures to Target Cardiovascular Diseases. Molecules, 2021, 26, 2223.	3.8	21
144	Arterial Stiffness and Stroke in Sickle Cell Disease. Stroke, 2012, 43, 1129-1130.	2.0	20

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145	Myogenic vasoconstriction requiresÂG12/G13 and LARG to maintain local and systemic vascular resistance. ELife, 2019, 8, .	6.0	20
146	Nucleoside Triphosphate Diphosphohydrolase-1 Ectonucleotidase Is Required for Normal Vas Deferens Contraction and Male Fertility through Maintaining P2X1 Receptor Function. Journal of Biological Chemistry, 2014, 289, 28629-28639.	3.4	19
147	AGEs breaking and antioxidant treatment improves endothelium-dependent dilation without effect on flow-mediated remodeling of resistance arteries in old Zucker diabetic rats. Cardiovascular Diabetology, 2014, 13, 55.	6.8	19
148	Loss of vascular expression of nucleoside triphosphate diphosphohydrolase-1/CD39 in hypertension. Purinergic Signalling, 2018, 14, 73-82.	2.2	19
149	Protective role of the mitochondrial fusion protein OPA1 in hypertension. FASEB Journal, 2021, 35, e21678.	0.5	19
150	Chronic Endothelin-1 Improves Nitric Oxideâ€“Dependent Flow-Induced Dilation in Resistance Arteries From Normotensive and Hypertensive Rats. Arteriosclerosis, Thrombosis, and Vascular Biology, 1999, 19, 2148-2153.	2.4	18
151	High NaCl Intake Decreases both Flowâ€Induced Dilation and Pressureâ€Induced Myogenic Tone in Resistance Arteries from Normotensive Rats: Involvement of Cyclooxygenaseâ€2. Basic and Clinical Pharmacology and Toxicology, 2001, 89, 183-187.	0.0	18
152	High-protein-low-carbohydrate diet: deleterious metabolic and cardiovascular effects depend on age. American Journal of Physiology - Heart and Circulatory Physiology, 2014, 307, H649-H657.	3.2	18
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