

# 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	Pharmacological Dissection of the Crosstalk between NaV and CaV Channels in GH3b6 Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 827.	4.1	4
2	Evolutionary information helps understand distinctive features of the angiotensin II receptors AT1 and AT2 in amniota. <i>PLoS Computational Biology</i> , 2022, 18, e1009732.	3.2	0
3	Identification of Dysregulated Expression of G Protein Coupled Receptors in Endocrine Tumors by Bioinformatics Analysis: Potential Drug Targets?. <i>Cells</i> , 2022, 11, 703.	4.1	0
4	Modulating the immune response to reduce hypertension-associated cardiovascular damage. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	0
5	Early Inactivation of Membrane Estrogen Receptor Alpha (ER $\alpha$ ) Recapitulates the Endothelial Dysfunction of Aged Mouse Resistance Arteries. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2862.	4.1	5
6	Sildenafil-Induced Revascularization of Rat Hindlimb Involves Arteriogenesis through PI3K/AKT and eNOS Activation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5542.	4.1	3
7	Altered Mitochondrial Opa1-Related Fusion in Mouse Promotes Endothelial Cell Dysfunction and Atherosclerosis. <i>Antioxidants</i> , 2022, 11, 1078.	5.1	10
8	Metabolomic Profiling of Angiotensin-II-Induced Abdominal Aortic Aneurysm in Ldlr $^{-/-}$ Mice Points to Alteration of Nitric Oxide, Lipid, and Energy Metabolisms. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6387.	4.1	3
9	Screening an In-House Isoquinoline Alkaloids Library for New Blockers of Voltage-Gated Na <sup>+</sup> Channels Using Voltage Sensor Fluorescent Probes: Hits and Biases. <i>Molecules</i> , 2022, 27, 4133.	3.8	1
10	Oxostephanine, Thalmiculine, and Thaliphylina—Three Isoquinoline Alkaloids That Inhibit L-Type Voltage-Gated Ca <sup>2+</sup> Channels. <i>Future Pharmacology</i> , 2022, 2, 238-255.	1.8	0
11	Endothelial S1P <sub>1</sub> Signaling Counteracts Infarct Expansion in Ischemic Stroke. <i>Circulation Research</i> , 2021, 128, 363-382.	4.5	71
12	Flow-mediated outward arterial remodeling in aging. <i>Mechanisms of Ageing and Development</i> , 2021, 194, 111416.	4.6	5
13	Bios2cor: an R package integrating dynamic and evolutionary correlations to identify functionally important residues in proteins. <i>Bioinformatics</i> , 2021, 37, 2483-2484.	4.1	5
14	In vitro effects of the endocrine disruptor p,p'-DDT on human choriogonadotropin/luteinizing hormone receptor signalling. <i>Archives of Toxicology</i> , 2021, 95, 1671-1681.	4.2	11
15	Pathophysiological adaptations of resistance arteries in rat offspring exposed in utero to maternal obesity is associated with sex-specific epigenetic alterations. <i>International Journal of Obesity</i> , 2021, 45, 1074-1085.	3.4	6
16	ABCC6 deficiency promotes dyslipidemia and atherosclerosis. <i>Scientific Reports</i> , 2021, 11, 3881.	3.3	17
17	DRP1 haploinsufficiency attenuates cardiac ischemia/reperfusion injuries. <i>PLoS ONE</i> , 2021, 16, e0248554.	2.5	11
18	Iron Deficiency without Anemia Decreases Physical Endurance and Mitochondrial Complex I Activity of Oxidative Skeletal Muscle in the Mouse. <i>Nutrients</i> , 2021, 13, 1056.	4.1	16

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19	Metabolomic Sexual Dimorphism of the Mouse Brain is Predominantly Abolished by Gonadectomy with a Higher Impact on Females. <i>Journal of Proteome Research</i> , 2021, 20, 2772-2779.	3.7	1
20	Snake Venom Components: Tools and Cures to Target Cardiovascular Diseases. <i>Molecules</i> , 2021, 26, 2223.	3.8	21
21	Partial Agonist Activity of Neonicotinoids on Rat Nicotinic Receptors: Consequences over Epinephrine Secretion and In Vivo Blood Pressure. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5106.	4.1	5
22	Bi-allelic variants in IPO8 cause a connective tissue disorder associated with cardiovascular defects, skeletal abnormalities, and immune dysregulation. <i>American Journal of Human Genetics</i> , 2021, 108, 1126-1137.	6.2	14
23	Protective role of the mitochondrial fusion protein OPA1 in hypertension. <i>FASEB Journal</i> , 2021, 35, e21678.	0.5	19
24	Estrogen Receptor and Vascular Aging. <i>Frontiers in Aging</i> , 2021, 2, .	2.6	13
25	Homology Modeling of Class A G-Protein-Coupled Receptors in the Age of the Structure Boom. <i>Methods in Molecular Biology</i> , 2021, 2315, 73-97.	0.9	3
26	Author's reply (in reference to letter to editor proposed by Etem Caliskan, Catherine J. Pachuk, Louis P.) <i>Tj ETQq0 0 0 rgBT /Overlock</i>	1.1	1
27	Estrogens and the Angiotensin II Type 2 Receptor Control Flow-Mediated Outward Remodeling in the Female Mouse Mesenteric Artery. <i>Journal of Vascular Research</i> , 2021, 58, 16-26.	1.4	2
28	A historical view of estrogen effect on arterial endothelial healing: From animal models to medical implication. <i>Atherosclerosis</i> , 2021, 338, 30-38.	0.8	7
29	GABAA Receptor Subunit Composition Drives Its Sensitivity to the Insecticide Fipronil. <i>Frontiers in Neuroscience</i> , 2021, 15, 768466.	2.8	3
30	Membrane estrogen receptor alpha (ER $\alpha$ ) participates in flow-mediated dilation in a ligand-independent manner. <i>ELife</i> , 2021, 10, .	6.0	13
31	Targeting endothelial thioredoxin-interacting protein (TXNIP) protects from metabolic disorder-related impairment of vascular function and post-ischemic revascularisation. <i>Angiogenesis</i> , 2020, 23, 249-264.	7.2	21
32	Tamoxifen Accelerates Endothelial Healing by Targeting ER $\alpha$ in Smooth Muscle Cells. <i>Circulation Research</i> , 2020, 127, 1473-1487.	4.5	16
33	Deciphering collaborative sidechain motions in proteins during molecular dynamics simulations. <i>Scientific Reports</i> , 2020, 10, 15901.	3.3	7
34	The Impact of Estrogen Receptor in Arterial and Lymphatic Vascular Diseases. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3244.	4.1	16
35	Metabolomic Profiling of Plasma and Erythrocytes in Sick Mice Points to Altered Nociceptive Pathways. <i>Cells</i> , 2020, 9, 1334.	4.1	11
36	Mutation of Arginine 264 on ER $\alpha$ (Estrogen Receptor Alpha) Selectively Abrogates the Rapid Signaling of Estradiol in the Endothelium Without Altering Fertility. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 2143-2158.	2.4	23

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37	Cardiopulmonary bypass and internal thoracic artery: Can roller or centrifugal pumps change vascular reactivity of the graft? The IPITA study: A randomized controlled clinical trial. PLoS ONE, 2020, 15, e0235604.	2.5	1
38	Nuclear Activation Function 2 Estrogen Receptor $\beta$ Attenuates Arterial and Renal Alterations Due to Aging and Hypertension in Female Mice. Journal of the American Heart Association, 2020, 9, e013895.	3.7	17
39	Human amniotic fluid-based exposure levels of phthalates and bisphenol A mixture reduce INSL3/RXFP2 signaling. Environment International, 2020, 138, 105585.	10.0	22
40	Do storage solutions protect endothelial function of arterialized vein graft in an experimental rat model?. Journal of Cardiothoracic Surgery, 2020, 15, 34.	1.1	3
41	In utero exposure to Azathioprine in autoimmune disease. Where do we stand?. Autoimmunity Reviews, 2020, 19, 102525.	5.8	22
42	Evidence of Cardiovascular Calcification and Fibrosis in Pseudoxanthoma Elasticum Mouse Models Subjected to DOCA-Salt Hypertension. Scientific Reports, 2019, 9, 16327.	3.3	8
43	Unique Vascular Benefits of Estetrol, a Native Fetal Estrogen with Specific Actions in Tissues (NEST). ISGE Series, 2019, , 169-195.	0.2	12
44	Warburg-like effect is a hallmark of complex I assembly defects. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 2475-2489.	3.8	13
45	Involvement of the GABAA receptor $\beta$ subunit in the mode of action of etifoxine. Pharmacological Research, 2019, 145, 104250.	7.1	21
46	AB0459â€¦IMMUNOGLOBULINS COMBINED WITH STANDARD THERAPIES FOR THE PREVENTION OF RELAPSES IN REFRACTORY OBSTETRICAL ANTIPHOSPHOLIPID SYNDROME: A SERIES OF 103 CASES. , 2019, , .		3
47	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
48	Myogenic vasoconstriction requires $\alpha$ 12/G13 and LARG to maintain local and systemic vascular resistance. ELife, 2019, 8, .	6.0	20
49	Abstract 888: Exosomes Derived From Endothelial Progenitor Cells Modulate Flow-Induced Remodeling and Increase Angiogenesis/Arteriogenesis in Mesenteric Arteries of Mice. Circulation Research, 2019, 125, .	4.5	0
50	2.3 Exosomes Derived From Endothelial Progenitor Cells Modulate Flow-Induced Remodeling and Increase Vasculogenesis in Mesenteric Arteries of Mice. Artery Research, 2019, 25, S10-S10.	0.6	0
51	Peripheral post-ischemic vascular repair is impaired in a murine model of Alzheimerâ€™s disease. Angiogenesis, 2018, 21, 557-569.	7.2	5
52	GPR68 Senses Flow and Is Essential for Vascular Physiology. Cell, 2018, 173, 762-775.e16.	28.9	205
53	The accumulation of assembly intermediates of the mitochondrial complex I matrix arm is reduced by limiting glucose uptake in a neuronal-like model of MELAS syndrome. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 1596-1608.	3.8	15
54	Loss of vascular expression of nucleoside triphosphate diphosphohydrolase-1/CD39 in hypertension. Purinergic Signalling, 2018, 14, 73-82.	2.2	19

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55	Alteration of Extracellular Nucleotide Metabolism in Pseudoxanthoma Elasticum. <i>Journal of Investigative Dermatology</i> , 2018, 138, 1862-1870.	0.7	27
56	Hydroxychloroquine partially prevents endothelial dysfunction induced by anti-beta-2-GPI antibodies in an in vivo mouse model of antiphospholipid syndrome. <i>PLoS ONE</i> , 2018, 13, e0206814.	2.5	16
57	Keeping the Extracellular Matrix Well Structured to Keep Healthy Vessels. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 2281-2282.	2.4	1
58	FP528PROTEIN CARBAMYLATION INDUCES LARGE AND SMALL ARTERY REMODELING AND STIFFENING. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, i217-i217.	0.7	0
59	HIBISCUS: Hydroxychloroquine for the secondary prevention of thrombotic and obstetrical events in primary antiphospholipid syndrome. <i>Autoimmunity Reviews</i> , 2018, 17, 1153-1168.	5.8	62
60	Secondary metabolites from lichen as potent inhibitors of advanced glycation end products and vasodilative agents. <i>FÅ-toterapÅ-Åt</i> , 2018, 131, 182-188.	2.2	11
61	Synthesis and evaluation of new designed multiple ligands directed towards both peroxisome proliferator-activated receptor-Î³ and angiotensin II type 1 receptor. <i>European Journal of Medicinal Chemistry</i> , 2018, 158, 334-352.	5.5	3
62	Predominant Role of Nuclear Versus Membrane Estrogen Receptor Î± in Arterial Protection: Implications for Estrogen Receptor Î± Modulation in Cardiovascular Prevention/Safety. <i>Journal of the American Heart Association</i> , 2018, 7, .	3.7	45
63	In Utero Exposure to Maternal Diabetes Is Associated With Early Abnormal Vascular Structure in Offspring. <i>Frontiers in Physiology</i> , 2018, 9, 350.	2.8	12
64	Primary antiphospholipid syndrome and antiphospholipid syndrome associated to systemic lupus: Are they different entities?. <i>Autoimmunity Reviews</i> , 2018, 17, 739-745.	5.8	26
65	Iron deficiency without anemia is responsible for decreased left ventricular function and reduced mitochondrial complex I activity in a mouse model. <i>International Journal of Cardiology</i> , 2018, 266, 206-212.	1.7	28
66	Evolution of chemokine receptors is driven by mutations in the sodium binding site. <i>PLoS Computational Biology</i> , 2018, 14, e1006209.	3.2	18
67	Veins Are Essential for Arteries: Immune Cells Implication. <i>FASEB Journal</i> , 2018, 32, .	0.5	0
68	Abstract 374: Gpr68 Senses Blood Flow and is Essential for Vascular Physiology. <i>Circulation Research</i> , 2018, 123, .	4.5	0
69	Microvascular vasodilator properties of the angiotensin II type 2 receptor in a mouse model of type 1 diabetes. <i>Scientific Reports</i> , 2017, 7, 45625.	3.3	8
70	Assessment of renal hemodynamic toxicity of fluid challenge with 0.9% NaCl compared to balanced crystalloid (PlasmaLyte®) in a rat model with severe sepsis. <i>Annals of Intensive Care</i> , 2017, 7, 66.	4.6	13
71	Membrane and Nuclear Estrogen Receptor Alpha Actions: From Tissue Specificity to Medical Implications. <i>Physiological Reviews</i> , 2017, 97, 1045-1087.	28.8	283
72	Testosterone Prevents Cutaneous Ischemia and Necrosis in Males Through Complementary Estrogenic and Androgenic Actions. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 909-919.	2.4	14

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73	Étude in vitro du mode d'action de différentes classes de perturbateurs endocriniens sur l'activité du récepteur aux acides gras GPR40/FFAR1 ?. <i>Diabetes and Metabolism</i> , 2017, 43, A88.	2.9	0
74	The addition of ketone bodies alleviates mitochondrial dysfunction by restoring complex I assembly in a MELAS cellular model. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 284-291.	3.8	41
75	A Bacterial Toxin with Analgesic Properties: Hyperpolarization of DRG Neurons by Mycolactone. <i>Toxins</i> , 2017, 9, 227.	3.4	28
76	The endothelial ENaC contributes to vascular endothelial function in vivo. <i>PLoS ONE</i> , 2017, 12, e0185319.	2.5	47
77	Co-Variation Approaches to the Evolution of Protein Families. <i>Advanced Techniques in Biology &amp; Medicine</i> , 2017, 05, .	0.1	3
78	In Vitro Effects of the Endocrine Disruptor <i>p,p'</i> -DDT on Human Follitropin Receptor. <i>Environmental Health Perspectives</i> , 2016, 124, 991-999.	6.0	28
79	Resveratrol Improved Flow-Mediated Outward Arterial Remodeling in Ovariectomized Rats with Hypertrophic Effect at High Dose. <i>PLoS ONE</i> , 2016, 11, e0146148.	2.5	4
80	Long Lasting Microvascular Tone Alteration in Rat Offspring Exposed In Utero to Maternal Hyperglycaemia. <i>PLoS ONE</i> , 2016, 11, e0146830.	2.5	17
81	0383 : Vascular programming of rats exposed in utero to maternal obesity. <i>Archives of Cardiovascular Diseases Supplements</i> , 2016, 8, 210.	0.0	0
82	0020 : Mechanisms of the protective effect of the estrogen receptor alpha in hypertension and aging. <i>Archives of Cardiovascular Diseases Supplements</i> , 2016, 8, 247.	0.0	0
83	Estrogens are needed for the improvement in endothelium-mediated dilation induced by a chronic increase in blood flow in rat mesenteric arteries. <i>Vascular Pharmacology</i> , 2016, 80, 35-42.	2.1	7
84	Effects of long-term active immunization with the second extracellular loop of human $\beta_1$ - or $\beta_2$ -adrenoceptors in thoracic aorta and mesenteric arteries in Lewis rats. <i>Vascular Pharmacology</i> , 2016, 87, 129-138.	2.1	0
85	0259 : Neutrophil and thrombospondin-1 implications in flow-mediated remodeling of resistance arteries from mice. <i>Archives of Cardiovascular Diseases Supplements</i> , 2016, 8, 248.	0.0	0
86	Role of Microvascular Tone and Extracellular Matrix Contraction in the Regulation of Interstitial Fluid. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 1742-1747.	2.4	27
87	Arterial Myogenic Activation through Smooth Muscle Filamin A. <i>Cell Reports</i> , 2016, 14, 2050-2058.	6.4	29
88	Functional characterization of the 12p12.1 renal cancer-susceptibility locus implicates BHLHE41. <i>Nature Communications</i> , 2016, 7, 12098.	12.8	30
89	Mitochondrial angiotensin receptors in dopaminergic neurons. Role in cell protection and aging-related vulnerability to neurodegeneration. <i>Cell Death and Disease</i> , 2016, 7, e2427-e2427.	6.3	87
90	The ecto-ATPase 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. <i>Oncology</i> , 2016, 5, e1178025.	4.6	46

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91	The angiotensin II type 2 receptor activates flow-mediated outward remodelling through T cells-dependent interleukin-17 production. <i>Cardiovascular Research</i> , 2016, 112, 515-525.	3.8	22
92	Central Role of P2Y <sub>6</sub> UDP Receptor in Arteriolar Myogenic Tone. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 1598-1606.	2.4	64
93	O343 : Importance of the membrane estrogen receptor alpha (ER) in the vascular response to shear stress in mice. <i>Archives of Cardiovascular Diseases Supplements</i> , 2016, 8, 216.	0.0	1
94	Resveratrol Decreases TXNIP mRNA and Protein Nuclear Expressions With an Arterial Function Improvement in Old Mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 720-729.	3.6	21
95	Increase in Cardiac Ischemia-Reperfusion Injuries in Opa1 <sup>+/-</sup> Mouse Model. <i>PLoS ONE</i> , 2016, 11, e0164066.	2.5	51
96	Anti-inflammatory activity of a <i>Carica papaya</i> leaf extract used to prevent occasional gingivitis. <i>Planta Medica</i> , 2016, 81, S1-S381.	1.3	0
97	Molecular Insights into the Transmembrane Domain of the Thyrotropin Receptor. <i>PLoS ONE</i> , 2015, 10, e0142250.	2.5	12
98	Assembly defects induce oxidative stress in inherited mitochondrial complex I deficiency. <i>International Journal of Biochemistry and Cell Biology</i> , 2015, 65, 91-103.	2.8	29
99	Optimisation of movement detection and artifact removal during laser speckle contrast imaging. <i>Microvascular Research</i> , 2015, 97, 75-80.	2.5	30
100	Resveratrol Directly Binds to Mitochondrial Complex I and Increases Oxidative Stress in Brain Mitochondria of Aged Mice. <i>PLoS ONE</i> , 2015, 10, e0144290.	2.5	70
101	The Contribution of Arterial Calcification to Peripheral Arterial Disease in Pseudoxanthoma Elasticum. <i>PLoS ONE</i> , 2014, 9, e96003.	2.5	23
102	Disseminated Arterial Calcification and Enhanced Myogenic Response Are Associated With Abcc6 Deficiency in a Mouse Model of Pseudoxanthoma Elasticum. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 1045-1056.	2.4	26
103	Time-Related Alteration in Flow- (Shear Stress-) Mediated Remodeling in Resistance Arteries from Spontaneously Hypertensive Rats. <i>International Journal of Hypertension</i> , 2014, 2014, 1-12.	1.3	9
104	High-protein-low-carbohydrate diet: deleterious metabolic and cardiovascular effects depend on age. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 307, H649-H657.	3.2	18
105	Nucleoside Triphosphate Diphosphohydrolase-1 Ectonucleotidase Is Required for Normal Vas Deferens Contraction and Male Fertility through Maintaining P2X1 Receptor Function. <i>Journal of Biological Chemistry</i> , 2014, 289, 28629-28639.	3.4	19
106	Dual Effects of Resveratrol on Arterial Damage Induced By Insulin Resistance in Aged Mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014, 69A, 260-269.	3.6	17
107	Determinants of Flow-Mediated Outward Remodeling in Female Rodents. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 1281-1289.	2.4	32
108	Mutation of the palmitoylation site of estrogen receptor $\hat{\pm}$ in vivo reveals tissue-specific roles for membrane versus nuclear actions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E283-90.	7.1	221

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109	The uterine and vascular actions of estetrol delineate a distinctive profile of estrogen receptor $\hat{\pm}$ modulation, uncoupling nuclear and membrane activation. <i>EMBO Molecular Medicine</i> , 2014, 6, 1328-1346.	6.9	96
110	AGEs breaking and antioxidant treatment improves endothelium-dependent dilation without effect on flow-mediated remodeling of resistance arteries in old Zucker diabetic rats. <i>Cardiovascular Diabetology</i> , 2014, 13, 55.	6.8	19
111	Role of estrogens and age in flow-mediated outward remodeling of rat mesenteric resistance arteries. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 307, H504-H514.	3.2	18
112	Mycobacterial Toxin Induces Analgesia in Buruli Ulcer by Targeting the Angiotensin Pathways. <i>Cell</i> , 2014, 157, 1565-1576.	28.9	160
113	Functional Adaptation and Remodeling of Arteries to Hemodynamic Forces: Role of Reactive Oxygen Species and the Vascular Renin-Angiotensin System. , 2014, , 1213-1237.		1
114	Antithrombotic effects of hydroxychloroquine in primary antiphospholipid syndrome patients. <i>Journal of Thrombosis and Haemostasis</i> , 2013, 11, 1927-1929.	3.8	112
115	Resveratrol Induces a Mitochondrial Complex I-dependent Increase in NADH Oxidation Responsible for Sirtuin Activation in Liver Cells. <i>Journal of Biological Chemistry</i> , 2013, 288, 36662-36675.	3.4	110
116	Is ABCC6 a genuine mitochondrial protein?. <i>BMC Research Notes</i> , 2013, 6, 427.	1.4	2
117	Key Role of Estrogens and Endothelial Estrogen Receptor $\hat{\pm}$ in Blood Flowâ€œMediated Remodeling of Resistance Arteries. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 605-611.	2.4	48
118	Prognosis of vasculitis associated myelodysplasia. <i>Autoimmunity Reviews</i> , 2013, 12, 943-946.	5.8	9
119	Cyclooxygenase-2-derived prostanoids reduce inward arterial remodeling induced by blood flow reduction in old obese Zucker rat mesenteric arteries. <i>Vascular Pharmacology</i> , 2013, 58, 356-362.	2.1	9
120	Dll4-Notch signaling determines the formation of native arterial collateral networks and arterial function in mouse ischemia models. <i>Development (Cambridge)</i> , 2013, 140, 1720-1729.	2.5	60
121	Protective effects of angiopoietin-like 4 on cerebrovascular and functional damages in ischaemic stroke. <i>European Heart Journal</i> , 2013, 34, 3657-3668.	2.2	64
122	Selective Involvement of Serum Response Factor in Pressure-Induced Myogenic Tone in Resistance Arteries. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 339-346.	2.4	16
123	Inactivation of Serum Response Factor Contributes To Decrease Vascular Muscular Tone and Arterial Stiffness in Mice. <i>Circulation Research</i> , 2013, 112, 1035-1045.	4.5	43
124	Prokineticin Receptorâ€œ1 Is a New Regulator of Endothelial Insulin Uptake and Capillary Formation to Control Insulin Sensitivity and Cardiovascular and Kidney Functions. <i>Journal of the American Heart Association</i> , 2013, 2, e000411.	3.7	32
125	COX-2-Derived Prostanoids and Oxidative Stress Additionally Reduce Endothelium-Mediated Relaxation in Old Type 2 Diabetic Rats. <i>PLoS ONE</i> , 2013, 8, e68217.	2.5	22
126	The vascular phenotype in Pseudoxanthoma elasticum and related disorders: contribution of a genetic disease to the understanding of vascular calcification. <i>Frontiers in Genetics</i> , 2013, 4, 4.	2.3	86



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127	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
128	The AGE-Breaker ALT-711 Restores High Blood Flow-Dependent Remodeling in Mesenteric Resistance Arteries in a Rat Model of Type 2 Diabetes. Diabetes, 2012, 61, 1562-1572.	0.6	43
129	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
130	Why Do We Need a Selective Angiotensin II Type 2 Receptor Agonist?. Hypertension, 2012, 60, 616-617.	2.7	14
131	Arterial Stiffness and Stroke in Sickle Cell Disease. Stroke, 2012, 43, 1129-1130.	2.0	20
132	Flow (shear stress)-mediated remodeling of resistance arteries in diabetes. Vascular Pharmacology, 2012, 57, 173-178.	2.1	36
133	Emerging role of G protein-coupled receptors in microvascular myogenic tone. Cardiovascular Research, 2012, 95, 223-232.	3.8	66
134	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
135	Clinical use of laser speckle techniques: beyond the sole mapping. Medical and Biological Engineering and Computing, 2012, 50, 1001-1002.	2.8	1
136	Laser speckle contrast imaging: Multifractal analysis of data recorded in healthy subjects. Medical Physics, 2012, 39, 5849-5856.	3.0	9
137	Chronic inhibition of endoplasmic reticulum stress and inflammation prevents ischaemia-induced vascular pathology in type II diabetic mice. Journal of Pathology, 2012, 227, 165-174.	4.5	40
138	AMPK Alpha 1-Induced RhoA Phosphorylation Mediates Vasoprotective Effect of Estradiol. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 2634-2642.	2.4	42
139	Relationship between ankle brachial index and arterial remodeling in pseudoxanthoma elasticum. Journal of Vascular Surgery, 2011, 54, 1390-1394.	1.1	38
140	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
141	Human serum albumin improves endothelial dysfunction and survival during experimental endotoxemia: Concentration-dependent properties*. Critical Care Medicine, 2011, 39, 1414-1422.	0.9	68
142	Blood Pressure, the Renin-angiotensin System and Neurogenic Vasoconstriction in Pithed Rats. Journal of Pharmacy and Pharmacology, 2011, 41, 766-769.	2.4	7
143	In vitro protection of vascular function from oxidative stress and inflammation by pulsatility in resistance arteries. Journal of Thoracic and Cardiovascular Surgery, 2011, 142, 1254-1262.	0.8	14
144	A 5-year prospective follow-up study in essential cryofibrinogenemia patients. Autoimmunity Reviews, 2011, 10, 559-562.	5.8	24

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