R Clinton Webb

List of Publications by Year
in descending order

128 papers	2,583 citations	279487 23 h-index	197535 49 g-index
129 all docs	129 docs citations	129 times ranked	3852 citing authors

#	Article	IF	Citations
1	New insights into RhoA/Rho-kinase signaling: a key regulator of vascular contraction. Small GTPases, 2021, 12, 458-469.	0.7	18
2	Dissecting the interaction between HSP70 and vascular contraction: role of $$hbox{Ca}^{2+}$$ handling mechanisms. Scientific Reports, 2021, 11, 1420.	1.6	9
3	Vascular Dysfunction in Diabetes and Obesity: Focus on TRP Channels. Frontiers in Physiology, 2021, 12, 645109.	1.3	17
4	VE-PTP inhibition: a novel therapeutic target for hypertension in diabetic patients. Cardiovascular Research, 2021, 117, 1423-1425.	1.8	1
5	Macrophage-Specific Toll Like Receptor 9 (TLR9) Causes Corpus Cavernosum Dysfunction in Mice Fed a High Fat Diet. Journal of Sexual Medicine, 2021, 18, 723-731.	0.3	6
6	Impaired HSP70 Expression in the Aorta of Female Rats: A Novel Insight Into Sex-Specific Differences in Vascular Function. Frontiers in Physiology, 2021, 12, 666696.	1.3	6
7	Guidelines for the measurement of vascular function and structure in isolated arteries and veins. American Journal of Physiology - Heart and Circulatory Physiology, 2021, 321, H77-H111.	1.5	74
8	COVID-19 and ROS Storm: What is the Forecast for Hypertension. American Journal of Hypertension, 2021, 34, 779-782.	1.0	6
9	Toll-like receptor 9 regulates metabolic profile and contributes to obesity-induced benign prostatic hyperplasia in mice. Pharmacological Reports, 2020, 72, 179-187.	1.5	7
10	Blockade of the TLR4â€“MD2 complex lowers blood pressure and improves vascular function in a murine model of type 1 diabetes. Scientific Reports, 2020, 10, 12032.	1.6	10
11	Response to â€œCOVID-19 and ACEI/ARB: Not Associated?â€• American Journal of Hypertension, 2020, 33, 789-790.	1.0	2
12	O-GlcNAc impairs endothelial function in uterine arteries from virgin but not pregnant rats: The role of GSK3Î². European Journal of Pharmacology, 2020, 880, 173133.	1.7	4
13	Use of a Combination of Insulin Sensitizers and Antioxidant Supplements in the Management of Pregnancy Hypertensive Disorders. American Journal of Hypertension, 2020, 33, 602-603.	1.0	0
14	Hypertension and COVID-19. American Journal of Hypertension, 2020, 33, 373-374.	1.0	260
15	Inhibition of Toll-Like Receptor-4 (TLR-4) Improves Neurobehavioral Outcomes After Acute Ischemic Stroke in Diabetic Rats: Possible Role of Vascular Endothelial TLR-4. Molecular Neurobiology, 2019, 56, 1607-1617.	1.9	39
16	Interleukinâ€10 negatively modulates extracellular signalâ€regulated kinases 1 and 2 in aorta from hypertensive mouse induced by angiotensin II infusion. Fundamental and Clinical Pharmacology, 2019, 33, 31-40.	1.0	8
17	TRPM8 channel activation triggers relaxation of pudendal artery with increased sensitivity in the hypertensive rats. Pharmacological Research, 2019, 147, 104329.	3.1	10
18	Targeting Endothelial Barrier Dysfunction Caused by Circulating Bacterial and Mitochondrial N-Formyl Peptides With Deformylase. Frontiers in Immunology, 2019, 10, 1270.	2.2	12

#	Article	IF	Citations
19	Reconstitution of autophagy ameliorates vascular function and arterial stiffening in spontaneously hypertensive rats. American Journal of Physiology - Heart and Circulatory Physiology, 2019, 317, H1013-H1027.	1.5	33
20	Impact of Immune System Activation and Vascular Impairment on Male and Female Sexual Dysfunction. Sexual Medicine Reviews, 2019, 7, 604-613.	1.5	20
21	Paying the Toll for Inflammation. Hypertension, 2019, 73, 514-521.	1.3	9
22	Transcriptional profiling of uterine leiomyoma rats treated by a traditional herb pair, Curcumae rhizoma and Sparganii rhizoma. Brazilian Journal of Medical and Biological Research, 2019, 52, e8132.	0.7	14
23	Novel Contributors and Mechanisms of Cellular Senescence in Hypertension-Associated Premature Vascular Aging. American Journal of Hypertension, 2019, 32, 709-719.	1.0	30
24	Equilin displays similar endothelium-independent vasodilator potential to 17Î²-estradiol regardless of lower potential to inhibit calcium entry. Steroids, 2019, 141, 46-54.	0.8	2
25	Formyl peptide receptor-1 activation exerts a critical role for the dynamic plasticity of arteries via actin polymerization. Pharmacological Research, 2019, 141, 276-290.	3.1	21
26	NLRP3 Inflammasomes Contribute to the Impaired Bladder Contraction in Male Diabetic Mice. FASEB Journal, 2019, 33, 505.5.	0.2	1
27	Toll-Like Receptor 9â€“Dependent AMPKÎ± Activation Occurs via TAK1 and Contributes to RhoA/ROCK Signaling and Actin Polymerization in Vascular Smooth Muscle Cells. Journal of Pharmacology and Experimental Therapeutics, 2018, 365, 60-71.	1.3	17
28	To Be, or Nox to Be, Endoplasmic Reticulum Stress in Hypertension. Hypertension, 2018, 72, 59-60.	1.3	5
29	O-Glycosylation with O-linked Î²-N-acetylglucosamine increases vascular contraction: Possible modulatory role on Interleukin-10 signaling pathway. Life Sciences, 2018, 209, 78-84.	2.0	13
30	Establishment of a rat model for uterine leiomyomas based on Western and traditional Chinese medicine theories. Brazilian Journal of Medical and Biological Research, 2018, 51, e7627.	0.7	7
31	Effects of glucosyl-hesperidin and physical training on body weight, plasma lipids, oxidative status and vascular reactivity of rats fed with high-fat diet. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2018, Volume 11, 321-332.	1.1	12
32	Blockade of Toll-Like Receptor 4 Attenuates Erectile Dysfunction in Diabetic Rats. Journal of Sexual Medicine, 2018, 15, 1235-1245.	0.3	25
33	Functional Impairment in the Corpus Cavernosum Related to a High Fat Diet is Prevented in Tollâ€Like Receptor 9 Mutant Mice. FASEB Journal, 2018, 32, .	0.2	0
34	Reconstitution of Autophagy Improves Vascular Reactivity in Spontaneously Hypertensive Rats. FASEB Journal, 2018, 32, 713.17.	0.2	0
35	Formyl Peptide Receptor Exerts a Sentinel Role and is Important for the Dynamic Plasticity of the Vasculature. FASEB Journal, 2018, 32, 843.31.	0.2	0
36	Early type 2 diabetic urothelium exhibits increased cellular senescence and an inhibitory effect on detrusor force. FASEB Journal, 2018, 32, lb356.	0.2	0

#	Article	IF	Citations
37	Toll-like receptor 4 (TLR4) impairs nitric oxide contributing to Angiotensin II-induced cavernosal dysfunction. Life Sciences, 2017, 191, 219-226.	2.0	36
38	Chloroquine Suppresses the Development of Hypertension in Spontaneously Hypertensive Rats. American Journal of Hypertension, 2017, 30, 173-181.	1.0	25
39	Formyl Peptide Receptor Activation Elicits Endothelial Cell Contraction and Vascular Leakage. Frontiers in Immunology, 2016, 7, 297.	2.2	14
40	Impaired Corpus Cavernosum Relaxation Is Accompanied by Increased Oxidative Stress and Up-Regulation of the Rho-Kinase Pathway in Diabetic (Db/Db) Mice. PLoS ONE, 2016, 11, e0156030.	1.1	10
41	Mitochondrial N-formyl peptides cause airway contraction and lung neutrophil infiltration via formyl peptide receptor activation. Pulmonary Pharmacology and Therapeutics, 2016, 37, 49-56.	1.1	42
42	Impaired Ca2+ Homeostasis and Decreased Orai1 Expression Modulates Arterial Hyporeactivity to Vasoconstrictors During Endotoxemia. Inflammation, 2016, 39, 1188-1197.	1.7	5
43	Autoimmune therapeutic chloroquine lowers blood pressure and improves endothelial function in spontaneously hypertensive rats. Pharmacological Research, 2016, 113, 384-394.	3.1	17
44	Toll-Like Receptor 4 Activation Contributes to Diabetic Bladder Dysfunction in a Murine Model of Type 1 Diabetes. Diabetes, 2016, 65, 3754-3764.	0.3	42
45	High-fat diet increases O-GlcNAc levels in cerebral arteries: a link to vascular dysfunction associated with hyperlipidaemia/obesity?. Clinical Science, 2016, 130, 871-880.	1.8	22
46	Exposure to stimulatory CpG oligonucleotides during gestation induces maternal hypertension and excess vasoconstriction in pregnant rats. American Journal of Physiology - Heart and Circulatory Physiology, 2016, 310, H1015-H1025.	1.5	29
47	Interleukin-10 limits increased blood pressure and vascular RhoA/Rho-kinase signaling in angiotensin II-infused mice. Life Sciences, 2016, 145, 137-143.	2.0	51
48	Toll-like Receptors in the Vascular System: Sensing the Dangers Within. Pharmacological Reviews, 2016, 68, 142-167.	7.1	199
49	The toll of the gridiron: damageâ€associated molecular patterns and hypertension in American football. FASEB Journal, 2016, 30, 34-40.	0.2	22
50	A Toll-Like Receptor 1/2 Agonist Augments Contractility in Rat Corpus Cavernosum. Journal of Sexual Medicine, 2015, 12, 1722-1731.	0.3	10
51	Circulating mitochondrial DNA and Toll-like receptor 9 are associated with vascular dysfunction in spontaneously hypertensive rats. Cardiovascular Research, 2015, 107, 119-130.	1.8	149
52	Beneficial Effect of the Soluble Guanylyl Cyclase Stimulator BAY 41-2272 on Impaired Penile Erection in db/db^{â^'/â^'} Type II Diabetic and Obese Mice. Journal of Pharmacology and Experimental Therapeutics, 2015, 353, 330-339.	1.3	17
53	Mitochondrial N-formyl peptides induce cardiovascular collapse and sepsis-like syndrome. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 308, H768-H777.	1.5	67
54	The contribution of Toll-like receptors to placental inflammation in diet-induced maternal obesity. Placenta, 2015, 36, 1204-1206.	0.7	4

#	Article	IF	Citations
55	Reduced vascular responses to soluble guanylyl cyclase but increased sensitivity to sildenafil in female rats with type 2 diabetes. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 309, H297-H304.	1.5	21
56	Emerging Molecular Targets for Treatment of Erectile Dysfunction: Vascular and Regenerative Therapies on the Horizon. Current Drug Targets, 2015, 16, 427-441.	1.0	1
57	Tollâ€Like Receptor 9 Signals through both the Stressâ€tolerance and Inflammatory Cascades after Pharmacological Stimulation in Isolated Rat Arteries. FASEB Journal, 2015, 29, 783.2.	0.2	0
58	Tollâ€like receptor 9 Activation Contributes to Decreased Autophagy in Hypertension. FASEB Journal, 2015, 29, 1048.1.	0.2	0
59	Enhanced angiotensin-converting enzyme activity and systemic reactivity to angiotensin II in normotensive rats exposed to a high-sodium diet. Vascular Pharmacology, 2014, 60, 67-74.	1.0	19
60	Anti-Platelet Therapy with Clopidogrel Prevents Endothelial Dysfunction and Vascular Remodeling in Aortas from Hypertensive Rats. PLoS ONE, 2014, 9, e91890.	1.1	17
61	Circulating fragmented mitochondria induce maternal hypertension, placental inflammation and apoptosis in pregnant rats. FASEB Journal, 2013, 27, 708.9.	0.2	0
62	TOLLâ€LIKE RECEPTOR 4 (TLR4) MEDIATES ENDOTHELIAL DYSFUNCTION DURING TYPE I DIABETES. FASEB Journal, 2013, 27, 1091.2.	0.2	0
63	Abnormal calcium homeostasis in the aorta of the spontaneously hypertensive rat is mediated by endoplasmic reticulum stress. FASEB Journal, 2013, 27, 1092.1.	0.2	0
64	Tollâ€like receptor 2 activation increases adrenergic sensitivity in mesenteric resistance vessels of rats. FASEB Journal, 2013, 27, 1090.7.	0.2	0
65	Lipopolysaccharide increases agonistâ€induced contractile responses in Sprague Dawley rat corpus cavernosum. FASEB Journal, 2013, 27, 1090.4.	0.2	0
66	Serum S100B is associated with stress, adiposity and elevated blood pressure. FASEB Journal, 2013, 27, 689.8.	0.2	0
67	Pregnancy regulates thromboxane A 2 â€induced contractions via endotheliumâ€derived factors and largeâ€conductance calciumâ€activated potassium channels in rat uterine artery. FASEB Journal, 2013, 27, 877.7.	0.2	1
68	Chronic Tollâ€like receptor 9 activation mediates heightened vascular contractility via attenuated NOS activity in isolated aortic segments. FASEB Journal, 2013, 27, 878.6.	0.2	0
69	Activation of formyl peptide receptors induces relaxation and reduces contraction in resistance arteries. FASEB Journal, 2013, 27, 1131.11.	0.2	0
70	Tollâ€like receptor 4 (TLR4) mediates cavernosal dysfunction in diabetic rats. FASEB Journal, 2013, 27, 1138.6.	0.2	0
71	Oxidationâ€reduction state modifies vascular reactivity. FASEB Journal, 2012, 26, 863.7.	0.2	0
72	Tollâ€like receptor 2 is elevated in rat corpus cavernosum in response to nitric oxide deficiency. FASEB Journal, 2012, 26, 1131.1.	0.2	0

#	Article	IF	Citations
73	Impaired cavernosal relaxation in Angiotensinâ€•II infused mice is improved by deletion of Toll like receptor 4 (TLR4). FASEB Journal, 2012, 26, 1140.3.	0.2	0
74	Endothelium modulates the contractile effect of RhoA activation in rat aorta. FASEB Journal, 2012, 26, 870.27.	0.2	0
75	Endoplasmic reticulum stress induces sarco/endoplasmic reticulum calcium ATPase and alters calcium homeostasis in the vasculature. FASEB Journal, 2012, 26, 863.2.	0.2	0
76	Type 2 diabetesâ€•induced vascular dysfunction is associated with caveolinâ€•1 and NADPH oxidase. FASEB Journal, 2012, 26, .	0.2	0
77	Metformin treatment of angiotensin IIâ€•hypertensive rat decreases phenylephrineâ€•mediated increased contraction in pudendal arteries. FASEB Journal, 2012, 26, 872.17.	0.2	0
78	TLRâ€•9 activation potentiates the role of ERK1/2 in thromboxane A 2 â€•induced contractions in uterine but not in resistance arteries. FASEB Journal, 2012, 26, 870.9.	0.2	1
79	REDUCED FUNCTIONALITY OF RENINâ€•ANGIOTENSINâ€•ALDOSTERONE SYSTEM IN YOUNG RATS EXPOSED TO HIGHâ€•SALT DIET. FASEB Journal, 2012, 26, 1140.4.	0.2	0
80	Pregnancy increases mesenteric but not uterine artery response to thromboxane via activation of ERK pathway. FASEB Journal, 2011, 25, 1026.23.	0.2	0
81	High fat diet augments Oâ€•GlcNAc levels in cerebral arteries leading to increased vascular contraction. FASEB Journal, 2011, 25, 1115.30.	0.2	0
82	Oâ€•GlcNAc Transferase (OGT) Inhibition Does Not Improve Renal Artery Function in Male Angiotensin II Hypertensive Rats. FASEB Journal, 2010, 24, 976.10.	0.2	0
83	Nitroxyl anion mediates vasorelaxation in saltâ€•loaded AngII hypertensive mesenteric arteries. FASEB Journal, 2010, 24, 984.20.	0.2	0
84	S â€•Nitrosylation decreases vasodilation via guanylyl cyclase inhibition in mouse aorta. FASEB Journal, 2010, 24, 603.11.	0.2	0
85	Arginase II Deletion Improves Diabetesâ€•Induced Neurogenic and Endothelial Dysfunction in Mice Corpora Cavernosa. FASEB Journal, 2010, 24, lb514.	0.2	1
86	Sex hormones negatively modulate STIMâ€•1/Oraiâ€•1 activity during hypertension: focus on calcium regulation. FASEB Journal, 2010, 24, 1041.21.	0.2	0
87	Improvement of relaxation in Type II diabetic mice corpus cavernosum by PhTx2â€•6 toxin from Phoneutria nigriventer spider. FASEB Journal, 2010, 24, 986.7.	0.2	0
88	Augmented endothelinâ€•1 constriction in pudendal arteries from ETB receptorâ€•deficient rats: linking hypertension and female sexual dysfunction.. FASEB Journal, 2010, 24, 985.5.	0.2	0
89	Impact of hypertension and hormonal status on relaxation of the pudendal vasculature in aging female rats. FASEB Journal, 2010, 24, 985.8.	0.2	0
90	Metformin treatment of angiotensin II hypertensive rats decreased electric field stimulation mediated contraction in corpus cavernosum. FASEB Journal, 2010, 24, 986.11.	0.2	0

#	Article	IF	Citations
91	Increased contractile responses in corpora cavernosa of heart failure rats. FASEB Journal, 2010, 24, lb576.	0.2	0
92	David F. Bohr. Hypertension, 2009, 53, 440-441.	1.3	1
93	Hyperthyroidism enhances endotheliumâ€•independent relaxation in rat aorta.. FASEB Journal, 2009, 23, .	0.2	0
94	DOCAâ€•salt hypertensive rats display decreased vascular reactivity to urotensinâ€•II. FASEB Journal, 2009, 23, 1017.35.	0.2	0
95	Characterization of contraction to BzATP, a P2X 7 agonist in rat mesenteric arteries. FASEB Journal, 2009, 23, 775.21.	0.2	0
96	Resistance arteries and aorta from Angiotensin II hypertensive mice do not exhibit decreased relaxation responses to Angeli's Salt, a nitroxyl anion donor. FASEB Journal, 2009, 23, 775.23.	0.2	0
97	Activation of AMPâ€•activated protein kinase (AMPK) increases phenylephrine mediated contraction in murine corpus cavernosum. FASEB Journal, 2009, 23, 781.1.	0.2	0
98	Nitrosative stress induces inhibition of protein kinase Câ€•mediated vascular contractile response in mouse aorta. FASEB Journal, 2009, 23, 1007.7.	0.2	0
99	Sex differences in vascular expression and activation of STIMâ€•1/Oraiâ€•1 during hypertension: focus on calcium regulation. FASEB Journal, 2009, 23, .	0.2	3
100	nNOS mediates relaxation in corpus cavernosum mice strips improved by Tx2â€•6 toxin from Phoneutria nigriventer spider via cGMP increase. FASEB Journal, 2009, 23, 956.7.	0.2	0
101	Augmented vascular reactivity induced by ETâ€•1 is associated with increased Oâ€•GlcNAcylation. FASEB Journal, 2009, 23, 627.8.	0.2	0
102	Adenosine Actions are Preserved in Corpus Cavernosum from Obese and Type II Diabetic db/db Mouse. Journal of Sexual Medicine, 2008, 5, 1156-1166.	0.3	46
103	Increased vascular contractile responses to phenylephrine in Docaâ€•salt mice is normalized by Pyk2 blockade. FASEB Journal, 2008, 22, 912.10.	0.2	0
104	A novel effect of P2X 7 receptor antagonist â€•oxidized ATP in mouse aorta. FASEB Journal, 2008, 22, 744.16.	0.2	0
105	Tx2â€•6 toxin from Phoneutria nigriventer spider improves relaxation induced by electrical stimulation of rat cavernosum strips. FASEB Journal, 2008, 22, 1206.2.	0.2	0
106	Combined Aspirin & Eicosapentaenoic Acid Improve Decreased Acetycholine Vasodilation Mediated by TNFâ€•alpha. FASEB Journal, 2008, 22, 744.1.	0.2	0
107	Murine and rat cavernosal responses to endothelinâ€•1 and urotensinâ€•II. FASEB Journal, 2008, 22, 744.14.	0.2	0
108	ILâ€•10 KO female mice infused with TNFâ€•Î± show impaired ACh induced relaxation as compared to ILâ€•10KO male mice. FASEB Journal, 2008, 22, 1235.5.	0.2	0

#	Article	IF	Citations
109	Oâ€GlcNAcylation increases vascular reactivity in rat aorta. FASEB Journal, 2008, 22, .	0.2	1
110	Angiotensinâ€(1â€“7) opposes agonistâ€induced constriction in endothelium denuded rat aortic rings via NO and PI3â€Kinase pathways. FASEB Journal, 2008, 22, 1206.3.	0.2	0
111	Arginase inhibition increases the relaxation response to acetylcholine in murine mesenteric vessels. FASEB Journal, 2008, 22, 1206.6.	0.2	0
112	Increased expression of components of the Rhoâ€A/Rhoâ€kinase pathway does not compensate for its impaired activation in small mesenteric arteries from endotoxemic rats. FASEB Journal, 2008, 22, .	0.2	0
113	ILâ€10 counteracts both ETâ€1 mediated vascular responses and ETA receptor expression in vivo.. FASEB Journal, 2007, 21, A1243.	0.2	0
114	TNFÎ± augments depolarization (K+) and agonistâ€induced contraction in aortic rings and mesenteric arteries of ILâ€10 deficient mice. FASEB Journal, 2007, 21, A1160.	0.2	0
115	Increased Endotheliumâ€Mediated Vasorelaxation Induced By The Omegaâ€3 Fatty Acid Docosahexaenoic Acid (DHA) In The Presence of Coxâ€2 Inhibition. FASEB Journal, 2007, 21, A522.	0.2	0
116	Exercise improves vascular relaxation mediated by sGC/cGMP via inhibition of Rhoâ€Kinase signaling in eNOS â^'/â^' mice.. FASEB Journal, 2007, 21, A519.	0.2	0
117	Interleukinâ€10 counteracts impairment in endothelial dysfunction induced by endothelinâ€1 in murine aortic rings. FASEB Journal, 2006, 20, A288.	0.2	0
118	URIDINE ADENOSINE TETRAPHOSPHATEâ€INDUCED CONTRACTION IS MODULATED BY THE ENDOTHELIUM AND INVOLVES AN INCREASED SUPEROXIDE FORMATION IN DOCAâ€SALT HYPERTENSION. FASEB Journal, 2006, 20, A1185.	0.2	0
119	Effects of the soluble guanylyl cyclase stimulator (sGC) BAY 41â€2272 on vascular tone and cyclic GMP levels in spontaneously hypertensive rats.. FASEB Journal, 2006, 20, A1108.	0.2	0
120	Upregulation of the adenylyl cyclase/cAMP signaling pathway in aorta from interleukinâ€6 (ILâ€6) knockout mice.. FASEB Journal, 2006, 20, A1117.	0.2	0
121	SMOOTH MUSCLE CONTRACTION AND RELAXATION. American Journal of Physiology - Advances in Physiology Education, 2003, 27, 201-206.	0.8	329
122	SMOOTH MUSCLE CONTRACTION AND RELAXATION. American Journal of Physiology - Advances in Physiology Education, 2003, 27, 201-206.	0.8	184
123	Spironolactone reduces cerebral infarct size and EGF-receptor mRNA in stroke-prone rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2001, 281, R944-R950.	0.9	97
124	Effect of Rho-kinase inhibition on vasoconstriction in the penile circulation. Journal of Applied Physiology, 2001, 91, 1269-1273.	1.2	81
125	RhoA/Rho-kinase, vascular changes, and hypertension. Current Hypertension Reports, 2001, 3, 139-144.	1.5	80
126	Long-Term Antioxidant Administration Attenuates Mineralocorticoid Hypertension and Renal Inflammatory Response. Hypertension, 2001, 37, 781-786.	1.3	212

#	Article	IF	Citations
127	Novel signaling pathways contributing to vascular changes in hypertension. Journal of Biomedical Science, 2000, 7, 431-443.	2.6	28
128	Novel signaling pathways contributing to vascular changes in hypertension. , 2000, 7, 431.		1