Stephanie W Watts

List of Publications by Citations

152 papers	2,831 citations	31 h-index	46 g-index
167 ext. papers	3,275 ext. citations	4.4 avg, IF	5.45 L-index

#	Paper	IF	Citations
152	Serotonin and blood pressure regulation. *Pharmacological Reviews*, **2012**, 64, 359-88	22.5	243
151	5-hydroxytryptamine in the cardiovascular system: focus on the serotonin transporter (SERT). *Clinical and Experimental Pharmacology and Physiology*, **2006**, 33, 575-83	3	118
150	Chemerin connects fat to arterial contraction. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2013**, 33, 1320-8	9.4	104
149	Elimination of vitamin D receptor in vascular endothelial cells alters vascular function. *Hypertension*, **2014**, 64, 1290-8	8.5	101
148	Serotonylation of vascular proteins important to contraction. *PLoS ONE*, **2009**, 4, e5682	3.7	73
147	5-HT in systemic hypertension: foe, friend or fantasy?. *Clinical Science*, **2005**, 108, 399-412	6.5	71
146	NADPH oxidase-derived superoxide augments endothelin-1-induced venoconstriction in mineralocorticoid hypertension. *Hypertension*, **2003**, 42, 316-21	8.5	70
145	Serotonin stimulates protein tyrosyl phosphorylation and vascular contraction via tyrosine kinase. *Journal of Vascular Research*, **1996**, 33, 288-98	1.9	59
144	Endothelin receptors: whatâ€™s new and what do we need to know?. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2010**, 298, R254-60	3.2	56
143	Increased O2*- production and upregulation of ETB receptors by sympathetic neurons in DOCA-salt hypertensive rats. *Hypertension*, **2004**, 43, 1048-54	8.5	52
142	Chemerin: A comprehensive review elucidating the need for cardiovascular research. *Pharmacological Research*, **2015**, 99, 351-61	10.2	49
141	International Union of Basic and Clinical Pharmacology. CX. Classification of Receptors for 5-hydroxytryptamine; Pharmacology and Function. *Pharmacological Reviews*, **2021**, 73, 310-520	22.5	48
140	Morphological and biochemical characterization of remodeling in aorta and vena cava of DOCA-salt hypertensive rats. *American Journal of Physiology - Heart and Circulatory Physiology*, **2007**, 292, H2438-48	5.2	47
139	Serotonin-induced contraction in mesenteric resistance arteries: signaling and changes in deoxycorticosterone acetate-salt hypertension. *Hypertension*, **2002**, 39, 825-9	8.5	45
138	The serotonin transporter is present and functional in peripheral arterial smooth muscle. *Journal of Cardiovascular Pharmacology*, **2004**, 43, 770-81	3.1	42
137	5-Hydroxytryptamine(2B) receptor function is enhanced in the N(omega)-nitro-L-arginine hypertensive rat. *Journal of Pharmacology and Experimental Therapeutics*, **2002**, 303, 179-87	4.7	42
136	5-Hydroxytryptamine-induced potentiation of endothelin-1- and norepinephrine-induced contraction is mitogen-activated protein kinase pathway dependent. *Hypertension*, **2000**, 35, 244-8	8.5	41

135	Perivascular adipose tissue contains functional catecholamines. *Pharmacology Research and Perspectives*, **2014**, 2, e00041	3.1	40
134	Activation of Erk mitogen-activated protein kinase proteins by vascular serotonin receptors. *Journal of Cardiovascular Pharmacology*, **2001**, 38, 539-51	3.1	40
133	Drug Delivery: Enabling Technology for Drug Discovery and Development. iPRECIO Micro Infusion Pump: Programmable, Refillable, and Implantable. *Frontiers in Pharmacology*, **2011**, 2, 44	5.6	38
132	5-Hydroxytryptamine lowers blood pressure in normotensive and hypertensive rats. *Journal of Pharmacology and Experimental Therapeutics*, **2008**, 325, 1031-8	4.7	38
131	Arterial expression of 5-HT2B and 5-HT1B receptors during development of DOCA-salt hypertension. *BMC Pharmacology*, **2003**, 3, 12		38
130	Upregulation of arterial serotonin 1B and 2B receptors in deoxycorticosterone acetate-salt hypertension. *Hypertension*, **2002**, 39, 394-8	8.5	37
129	Epidermal growth factor: a potent vasoconstrictor in experimental hypertension. *American Journal of Physiology - Heart and Circulatory Physiology*, **1999**, 276, H976-83	5.2	35
128	5-hydroxtryptamine receptors in systemic hypertension: an arterial focus. *Cardiovascular Therapeutics*, **2011**, 29, 54-67	3.3	34
127	Pleiotropic effects of hydrogen peroxide in arteries and veins from normotensive and hypertensive rats. *Hypertension*, **2006**, 47, 482-7	8.5	34
126	Activation of vascular BK channel by tempol in DOCA-salt hypertensive rats. *Hypertension*, **2005**, 46, 1154-62	8.5	34
125	Vascular gap junctional communication is increased in mineralocorticoid-salt hypertension. *Hypertension*, **1996**, 28, 888-93	8.5	34
124	Organic cation transporter 3 contributes to norepinephrine uptake into perivascular adipose tissue. *American Journal of Physiology - Heart and Circulatory Physiology*, **2015**, 309, H1904-14	5.2	33
123	5-HT2B-receptor antagonist LY-272015 is antihypertensive in DOCA-salt-hypertensive rats. *American Journal of Physiology - Heart and Circulatory Physiology*, **1999**, 276, H944-52	5.2	32
122	The adipokine chemerin amplifies electrical field-stimulated contraction in the isolated rat superior mesenteric artery. *American Journal of Physiology - Heart and Circulatory Physiology*, **2016**, 311, H498-507	5.2	32
121	A new signaling paradigm for serotonin: use of Crk-associated substrate in arterial contraction. *American Journal of Physiology - Heart and Circulatory Physiology*, **2006**, 291, H2857-63	5.2	28
120	5-Hydroxytryptamine2B receptor mediates contraction in the mesenteric artery of mineralocorticoid hypertensive rats. *Hypertension*, **1995**, 26, 1056-9	8.5	28
119	Tissue transglutaminase promotes serotonin-induced AKT signaling and mitogenesis in pulmonary vascular smooth muscle cells. *Cellular Signalling*, **2014**, 26, 2818-25	4.9	27
118	Hypertension Induced Morphological and Physiological Changes in Cells of the Arterial Wall. *American Journal of Hypertension*, **2018**, 31, 1067-1078	2.3	27

117	Endothelin-1-induced venous contraction is maintained in DOCA-salt hypertension; studies with receptor agonists. *British Journal of Pharmacology*, **2002**, 137, 69-79	8.6	26
116	Chemerin-induced arterial contraction is G- and calcium-dependent. *Vascular Pharmacology*, **2017**, 88, 30-41	5.9	25
115	Indoleamine 2,3-diooxygenase in periaortic fat: mechanisms of inhibition of contraction. *American Journal of Physiology - Heart and Circulatory Physiology*, **2011**, 301, H1236-47	5.2	25
114	Serotonin (5-HT) in veins: not all in vain. *Journal of Pharmacology and Experimental Therapeutics*, **2007**, 323, 415-21	4.7	25
113	Vascular reactivity, 5-HT uptake, and blood pressure in the serotonin transporter knockout rat. *American Journal of Physiology - Heart and Circulatory Physiology*, **2008**, 294, H1745-52	5.2	24
112	Arteries and veins desensitize differently to endothelin. *Journal of Cardiovascular Pharmacology*, **2004**, 43, 387-93	3.1	24
111	The love of a lifetime: 5-HT in the cardiovascular system. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2009**, 296, R252-6	3.2	22
110	A serotonergic system in veins: serotonin transporter-independent uptake. *Journal of Pharmacology and Experimental Therapeutics*, **2008**, 325, 714-22	4.7	22
109	Characterization of the contractile 5-hydroxytryptamine receptor in the renal artery of the normotensive rat. *Journal of Pharmacology and Experimental Therapeutics*, **2004**, 309, 165-72	4.7	22
108	The development of enhanced arterial serotonergic hyperresponsiveness in mineralocorticoid hypertension. *Journal of Hypertension*, **1998**, 16, 811-22	1.9	22
107	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	5.2	22
106	New actions of an old friend: perivascular adipose tissue and adrenergic mechanisms. *British Journal of Pharmacology*, **2017**, 174, 3454-3465	8.6	21
105	Perivascular Adipose Tissue's Impact on Norepinephrine-Induced Contraction of Mesenteric Resistance Arteries. *Frontiers in Physiology*, **2017**, 8, 37	4.6	20
104	Vena cava and aortic smooth muscle cells express transglutaminases 1 and 4 in addition to transglutaminase 2. *American Journal of Physiology - Heart and Circulatory Physiology*, **2012**, 302, H1355-66	5.2	20
103	Body distribution of infused serotonin in rats. *Clinical and Experimental Pharmacology and Physiology*, **2009**, 36, 599-601	3	19
102	Mechanisms of hypertension induced by nitric oxide (NO) deficiency: focus on venous function. *Journal of Cardiovascular Pharmacology*, **2006**, 47, 742-50	3.1	19
101	Enhanced contraction to 5-hydroxytryptamine is not due to "unmasking" of 5-hydroxytryptamine(1b) receptors in the mesenteric artery of the deoxycorticosterone acetate-salt rat. *Hypertension*, **2001**, 38, 891-5	8.5	19
100	Endothelin receptor function in mesenteric veins from deoxycorticosterone acetate salt-hypertensive rats. *Journal of Hypertension*, **2002**, 20, 665-76	1.9	19

99	An immunohistochemical analysis of SERT in the blood-brain barrier of the male rat brain. *Histochemistry and Cell Biology*, **2015**, 144, 321-9	2.4	18
98	Measurement of smooth muscle function in the isolated tissue bath-applications to pharmacology research. *Journal of Visualized Experiments*, **2015**, 52324	1.6	18
97	Renal perivascular adipose tissue: Form and function. *Vascular Pharmacology*, **2018**, 106, 37-45	5.9	17
96	The distribution and adipogenic potential of perivascular adipose tissue adipocyte progenitors is dependent on sexual dimorphism and vessel location. *Physiological Reports*, **2016**, 4, e12993	2.6	17
95	5-HT is a potent relaxant in rat superior mesenteric veins. *Pharmacology Research and Perspectives*, **2015**, 3, e00103	3.1	17
94	5-hydroxytryptamine (5-HT) reduces total peripheral resistance during chronic infusion: direct arterial mesenteric relaxation is not involved. *BMC Pharmacology*, **2012**, 12, 4		17
93	The fenfluramine metabolite (+)-norfenfluramine is vasoactive. *Journal of Pharmacology and Experimental Therapeutics*, **2004**, 309, 845-52	4.7	17
92	Modification of proteins by norepinephrine is important for vascular contraction. *Frontiers in Physiology*, **2010**, 1, 131	4.6	16
91	Big ET-1 processing into vasoactive peptides in arteries and veins. *Vascular Pharmacology*, **2007**, 47, 302-12	3.9	16
90	5-HT causes splanchnic venodilation. *American Journal of Physiology - Heart and Circulatory Physiology*, **2017**, 313, H676-H686	5.2	15
89	One-month serotonin infusion results in a prolonged fall in blood pressure in the deoxycorticosterone acetate (DOCA) salt hypertensive rat. *ACS Chemical Neuroscience*, **2013**, 4, 141-8	5.7	15
88	A New Function for Perivascular Adipose Tissue (PVAT): Assistance of Arterial Stress Relaxation. *Scientific Reports*, **2020**, 10, 1807	4.9	14
87	Arterial 5-hydroxytryptamine transporter function is impaired in deoxycorticosterone acetate and Nomega-nitro-L-arginine but not spontaneously hypertensive rats. *Hypertension*, **2006**, 48, 134-40	8.5	14
86	Perivascular Adipocytes Store Norepinephrine by Vesicular Transport. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2019**, 39, 188-199	9.4	14
85	Pharmacological endothelin receptor interaction does not occur in veins from ET(B) receptor deficient rats. *Vascular Pharmacology*, **2008**, 49, 6-13	5.9	13
84	Faculty perceptions and knowledge of career development of trainees in biomedical science: What do we (think we) know?. *PLoS ONE*, **2019**, 14, e0210189	3.7	13
83	Naïve, Regulatory, Activated, and Memory Immune Cells Co-exist in PVATs That Are Comparable in Density to Non-PVAT Fats in Health. *Frontiers in Physiology*, **2020**, 11, 58	4.6	12
82	The chemerin knockout rat reveals chemerin dependence in female, but not male, experimental hypertension. *FASEB Journal*, **2018**, 32, fj201800479	0.9	12

81	Uric acid does not affect the acetylcholine-induced relaxation of aorta from normotensive and deoxycorticosterone acetate-salt hypertensive rats. *Journal of Pharmacology and Experimental Therapeutics*, **2010**, 333, 758-63	4.7	12
80	Chemerin as a Driver of Hypertension: A Consideration. *American Journal of Hypertension*, **2020**, 33, 975-986	2.5	11
79	Chemerin contributes to in vivo adipogenesis in a location-specific manner. *PLoS ONE*, **2020**, 15, e0229251	3.7	11
78	Smooth muscle pharmacology in the isolated virgin and pregnant rat uterus and cervix. *Journal of Pharmacology and Experimental Therapeutics*, **2012**, 341, 587-96	4.7	11
77	A comparison of reactive oxygen species metabolism in the rat aorta and vena cava: focus on xanthine oxidase. *American Journal of Physiology - Heart and Circulatory Physiology*, **2008**, 295, H1341-H1350	5.2	11
76	Oh, the places you'll go! My many colored serotonin (apologies to Dr. Seuss). *American Journal of Physiology - Heart and Circulatory Physiology*, **2016**, 311, H1225-H1233	5.2	11
75	Regulator of G Protein Signaling 6 Protects the Heart from Ischemic Injury. *Journal of Pharmacology and Experimental Therapeutics*, **2017**, 360, 409-416	4.7	10
74	5-HT does not lower blood pressure in the 5-HT knockout rat. *Physiological Genomics*, **2019**, 51, 302-310	3.6	9
73	Exploring the Impact of Formal Internships on Biomedical Graduate and Postgraduate Careers: An Interview Study. *CBE Life Sciences Education*, **2019**, 18, ar20	3.4	9
72	Inability of serotonin to activate the c-Jun N-terminal kinase and p38 kinase pathways in rat aortic vascular smooth muscle cells. *BMC Pharmacology*, **2001**, 1, 8		9
71	Serial Measurements of Splanchnic Vein Diameters in Rats Using High-Frequency Ultrasound. *Frontiers in Pharmacology*, **2016**, 7, 116	5.6	9
70	Transglutaminase activity is decreased in large arteries from hypertensive rats compared with normotensive controls. *American Journal of Physiology - Heart and Circulatory Physiology*, **2015**, 308, H592-602	5.2	8
69	Whole-Body but Not Hepatic Knockdown of Chemerin by Antisense Oligonucleotide Decreases Blood Pressure in Rats. *Journal of Pharmacology and Experimental Therapeutics*, **2018**, 365, 212-218	4.7	8
68	Comparison of the function of the serotonin transporter in the vasculature of male and female rats. *Clinical and Experimental Pharmacology and Physiology*, **2011**, 38, 314-22	3	8
67	Endothelin in the splanchnic vascular bed of DOCA-salt hypertensive rats. *American Journal of Physiology - Heart and Circulatory Physiology*, **2005**, 288, H729-36	5.2	8
66	Fenfluramine-induced PVAT-dependent contraction depends on norepinephrine and not serotonin. *Pharmacological Research*, **2019**, 140, 43-49	10.2	8
65	Vascular reactivity stimulated by TMA and TMAO: Are perivascular adipose tissue and endothelium involved?. *Pharmacological Research*, **2021**, 163, 105273	10.2	8
64	5-Hydroxytryptamine does not reduce sympathetic nerve activity or neuroeffector function in the splanchnic circulation. *European Journal of Pharmacology*, **2015**, 754, 140-7	5.3	7

63	Divergent signaling mechanisms for venous versus arterial contraction as revealed by endothelin-1. *Journal of Vascular Surgery*, **2015**, 62, 721-33	3.5	7
62	The persistence of active smooth muscle in the female rat cervix through pregnancy. *American Journal of Obstetrics and Gynecology*, **2015**, 212, 244.e1-8	6.4	7
61	Reverse-mode Na+/Ca2+ exchange is an important mediator of venous contraction. *Pharmacological Research*, **2012**, 66, 544-54	10.2	7
60	Lack of the serotonin transporter (SERT) reduces the ability of 5-hydroxytryptamine to lower blood pressure. *Naunyn-Schmiedebergs Archives of Pharmacology*, **2011**, 383, 543-6	3.4	7
59	Serotonin-induced Hypotension is Mediated by a Decrease in Intestinal Vascular Resistance. *Pharmacologia*, **2014**, 5, 50-54		7
58	Serotonin and sensory nerves: meeting in the cardiovascular system. *Vascular Pharmacology*, **2014**, 63, 1-3	5.9	6
57	Preferential myosin heavy chain isoform B Expression may contribute to the faster velocity of contraction in veins versus arteries. *Journal of Vascular Research*, **2007**, 44, 264-72	1.9	6
56	Contribution of left ventricular residual stress by myocytes and collagen: existence of inter-constituent mechanical interaction. *Biomechanics and Modeling in Mechanobiology*, **2018**, 17, 985-999	3.8	5
55	Serotonin receptors in rat jugular vein: presence and involvement in the contraction. *Journal of Pharmacology and Experimental Therapeutics*, **2010**, 334, 116-23	4.7	5
54	Loss-of-Function Mutations in Human Regulator of G Protein Signaling RGS2 Differentially Regulate Pharmacological Reactivity of Resistance Vasculature. *Molecular Pharmacology*, **2019**, 96, 826-834	4.3	5
53	3T3-L1 cells and perivascular adipocytes are not equivalent in amine transporter expression. *FEBS Letters*, **2017**, 591, 137-144	3.8	4
52	Different blood pressure responses in hypertensive rats following chemerin mRNA inhibition in dietary high fat compared to dietary high-salt conditions. *Physiological Genomics*, **2019**, 51, 553-561	3.6	4
51	Creation of the 5-hydroxytryptamine receptor 7 knockout rat as a tool for cardiovascular research. *Physiological Genomics*, **2019**, 51, 290-301	3.6	4
50	Differential expression of pancreatitis-associated protein and thrombospondins in arterial versus venous tissues. *Journal of Vascular Research*, **2009**, 46, 551-60	1.9	4
49	The 5-hydroxytryptamine2A receptor is involved in (+)-norfenfluramine-induced arterial contraction and blood pressure increase in deoxycorticosterone acetate-salt hypertension. *Journal of Pharmacology and Experimental Therapeutics*, **2007**, 321, 485-91	4.7	4
48	Adipogenic potential of perivascular adipose tissue preadipocytes is improved by coculture with primary adipocytes. *Cytotechnology*, **2018**, 70, 1435-1445	2.2	3
47	Expansion and Adipogenesis Induction of Adipocyte Progenitors from Perivascular Adipose Tissue Isolated by Magnetic Activated Cell Sorting. *Journal of Visualized Experiments*, **2017**,	1.6	3
46	Arterial and Venous Function in Hypertension **2007**, 205-212		3

45	Phenotypic Changes in T Cell and Macrophage Subtypes in Perivascular Adipose Tissues Precede High-Fat Diet-Induced Hypertension. *Frontiers in Physiology*, **2021**, 12, 616055	4.6	3
44	Chemerin Peptide Releases Catecholamines from Rat Adrenal Medulla. *Pharmacologia*, **2016**, 7, 290-295		3
43	Male and female high-fat diet-fed Dahl SS rats are largely protected from vascular dysfunctions: PVAT contributions reveal sex differences. *American Journal of Physiology - Heart and Circulatory Physiology*, **2021**, 321, H15-H28	5.2	3
42	Identification of Piezo1 channels in perivascular adipose tissue (PVAT) and their potential role in vascular function. *Pharmacological Research*, **2021**, 175, 105995	10.2	2
41	Doctoral Trainee Preferences for Career Development Resources: The Influence of Peer and Other Supportive Social Capital. *International Journal of Doctoral Studies*,14, 675-702	0	2
40	Blood pressure changes PVAT function and transcriptome: use of the mid-thoracic aorta coarcted rat. *American Journal of Physiology - Heart and Circulatory Physiology*, **2020**, 319, H1313-H1324	5.2	2
39	Endogenous Chemerin from PVAT Amplifies Electrical Field-Stimulated Arterial Contraction: Use of the Chemerin Knockout Rat. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	2
38	Reduction in Hindquarter Vascular Resistance Supports 5-HT Receptor Mediated Hypotension. *Frontiers in Physiology*, **2021**, 12, 679809	4.6	2
37	Receptor-Mediated Events in the Microcirculation **2008**, 285-348		1
36	Activation of the 5-HT receptor but not nitric oxide synthase is necessary for chronic 5-hydroxytryptamine-induced hypotension. *Experimental Physiology*, **2020**, 105, 2025-2032	2.4	1
35	ETB receptor deficient rats have an elevation of ETB receptor and norepinephrine transporter protein in stellate ganglia. *FASEB Journal*, **2007**, 21, A1264	0.9	1
34	SERT and the Blood-Brain Barrier: An In-Depth Analysis of the Male Rat Brain. *FASEB Journal*, **2015**, 29, 834.1	0.9	1
33	Serotonin infusion via the iPrecio micro infusion pump results in repeated reductions in blood pressure in the normotensive Sprague Dawley rat.. *FASEB Journal*, **2010**, 24, lb551	0.9	1
32	Perivascular fat impairs contraction in aorta from obese but not lean adult rats. *FASEB Journal*, **2012**, 26, 1115.4	0.9	1
31	Reply to Boedtkjer and Aalkjaer.. *American Journal of Physiology - Heart and Circulatory Physiology*, **2022**, 322, H687-H688	5.2	1
30	Using data to make the case for program resources and sustainability: the BEST action inventory case study. *SN Social Sciences*, **2021**, 1, 140		0
29	Physiology and Pharmacology of Neurotransmitter Transporters. *Comprehensive Physiology*, **2021**, 11, 2279-2295	7.7	0
28	Broadening Experiences in Scientific Training (BEST): Do biomedical faculty members want institutional help?. *SN Social Sciences*, **2021**, 1, 1		0

27	5-HT7 Receptor Restrains 5-HT-induced 5-HT2A Mediated Contraction in the Isolated Abdominal Vena Cava. *Journal of Cardiovascular Pharmacology*, **2021**, 78, 319-327	3.1	0
26	Reactive oxygen species metabolism in veins and arteries from rat: why is it different?. *FASEB Journal*, **2006**, 20, A725	0.9	
25	A new CAS(t) member for 5-HT: use of Crk-Associated Substrate (CAS) in arterial contraction. *FASEB Journal*, **2006**, 20, A1107	0.9	
24	Increased serotonin uptake and decreased serotonin metabolism in veins: is there a role in the control of vascular tone and blood pressure?. *FASEB Journal*, **2007**, 21, A1239	0.9	
23	Endothelin (ET) receptor interaction does not occur in vena cava from ETB receptor deficient rats. *FASEB Journal*, **2007**, 21, A517	0.9	
22	Existence of multiple 5-HT uptake mechanisms in peripheral arteries. *FASEB Journal*, **2007**, 21, A518	0.9	
21	Endogenous serotonin potentiates norepinephrine-induced contraction of the superior mesenteric artery. *FASEB Journal*, **2007**, 21, A517	0.9	
20	Do different Ca entry mechanisms mediate Endothelin-1-induced contraction of rat aorta and vena cava?. *FASEB Journal*, **2008**, 22, 744.15	0.9	
19	Rat thoracic vena cava ETB receptors re-sensitize faster than venous ETA receptors. *FASEB Journal*, **2008**, 22, 965.11	0.9	
18	Uric acid does not impact the endothelial-dependent relaxation of aorta from normal and hypertensive rats. *FASEB Journal*, **2008**, 22, 965.5	0.9	
17	Electron microscopy of serotonin in arterial smooth muscle tissue. *FASEB Journal*, **2008**, 22, 744.5	0.9	
16	Serotonin Uptake in Veins, as Opposed to Arteries, Is Independent of the Serotonin Transporter. *FASEB Journal*, **2008**, 22, 1208.4	0.9	
15	Perivascular Adipocytes Store Norepinephrine by Vesicular Transport. *FASEB Journal*, **2018**, 32, 605.3	0.9	
14	Michigan State University BEST **2020**, 47-74		
13	Pharmacological characterization of the serotonin receptor mediating contraction in the rat jugular vein. *FASEB Journal*, **2009**, 23, 933.2	0.9	
12	ETB receptor activation changes ETB receptor location in venous but not aortic smooth muscle cells. *FASEB Journal*, **2009**, 23, 945.7	0.9	
11	Enzymatic sources of basal hydrogen peroxide (H2O2) levels in rat arterial and venous tissues. *FASEB Journal*, **2009**, 23, 937.11	0.9	
10	5-HT is unable to relax the isolated mesenteric artery: molecular and functional evidence. *FASEB Journal*, **2011**, 25, 1021.1	0.9	

9	Endothelin-1 increases the frequency of smooth muscle calcium waves in vena cava but not aorta. *FASEB Journal*, **2011**, 25, 1026.2	0.9
8	Researcher Beware! Decreased TG2 and OCT3 Expression in Vascular Smooth Muscle Cells Upon Culture. *FASEB Journal*, **2012**, 26, 870.14	0.9
7	Contraction of rat vena cava by endothelin-1 is dependent on phospholipase-C but independent of IP3 receptor activation. *FASEB Journal*, **2012**, 26, 1049.3	0.9
6	An imaging apparatus for simultaneous measurement of isometric contraction and Ca2+ fluorescence in large blood vessels of the rat. *FASEB Journal*, **2012**, 26, 870.31	0.9
5	Regional blood flow changes underlying the hypotensive action of 5-HT:Studies using Doppler and Microsphere technologies. *FASEB Journal*, **2012**, 26, 684.12	0.9
4	Decreased transglutaminase activity in aorta from hypertensive rats, measured by in situ detection of a free amine donor. *FASEB Journal*, **2013**, 27, 1108.2	0.9
3	ChemR23 Receptor signals through pro-contractile signaling pathways. *FASEB Journal*, **2013**, 27, 923.7	0.9
2	Connecting Generations of Scientists in the Council on Hypertension Through Harriet Dustan. *Hypertension*, **2021**, 77, 296-307	8.5
1	Reply to De Mey et al.. *American Journal of Physiology - Heart and Circulatory Physiology*, **2022**, 322, H683-H684	5.2