Fernanda Bruschi Marinho Priviero

List of Publications by Citations

65 papers	942 citations	21 h-index	28 g-index
74 ext. papers	1,088 ext. citations	3.5 avg, IF	3.95 L-index

#	Paper	IF	Citations
65	Differential effects of the phosphodiesterase type 5 inhibitors sildenafil, vardenafil, and tadalafil in rat aorta. *Journal of Pharmacology and Experimental Therapeutics*, **2006**, 316, 654-61	4.7	60
64	Defective insulin and acetylcholine induction of endothelial cell-nitric oxide synthase through insulin receptor substrate/Akt signaling pathway in aorta of obese rats. *Diabetes*, **2007**, 56, 1014-24	0.9	44
63	Relaxing effects induced by the soluble guanylyl cyclase stimulator BAY 41-2272 in human and rabbit corpus cavernosum. *European Journal of Pharmacology*, **2003**, 477, 163-9	5.3	43
62	Review of anticancer mechanisms of isoquercitin. *World Journal of Clinical Oncology*, **2016**, 7, 189-99	2.5	37
61	Vardenafil, but not sildenafil or tadalafil, has calcium-channel blocking activity in rabbit isolated pulmonary artery and human washed platelets. *British Journal of Pharmacology*, **2008**, 154, 787-96	8.6	36
60	Synthesis and pharmacological evaluations of sildenafil analogues for treatment of erectile dysfunction. *Journal of Medicinal Chemistry*, **2008**, 51, 2807-15	8.3	36
59	Superoxide anion production by NADPH oxidase plays a major role in erectile dysfunction in middle-aged rats: prevention by antioxidant therapy. *Journal of Sexual Medicine*, **2013**, 10, 960-71	1.1	35
58	Heme-dependent and independent soluble guanylate cyclase activators and vasodilation. *Journal of Cardiovascular Pharmacology*, **2010**, 56, 229-33	3.1	35
57	Upregulation of gp91phox subunit of NAD(P)H oxidase contributes to erectile dysfunction caused by long-term nitric oxide inhibition in rats: reversion by regular physical training. *Urology*, **2010**, 75, 961-7	1.6	34
56	Vasorelaxing effect of BAY 41-2272 in rat basilar artery: involvement of cGMP-dependent and independent mechanisms. *Hypertension*, **2006**, 47, 596-602	8.5	34
55	Neurophysiological basis of penile erection. *Acta Pharmacologica Sinica*, **2007**, 28, 751-5	8	33
54	Mechanisms underlying relaxation of rabbit aorta by BAY 41-2272, a nitric oxide-independent soluble guanylate cyclase activator. *Clinical and Experimental Pharmacology and Physiology*, **2005**, 32, 728-34	3	33
53	Nitric oxide release from human corpus cavernosum induced by a purified scorpion toxin. *Urology*, **2004**, 63, 184-9	1.6	31
52	Up-regulation of the RhoA/Rho-kinase signaling pathway in corpus cavernosum from endothelial nitric-oxide synthase (NOS), but not neuronal NOS, null mice. *Journal of Pharmacology and Experimental Therapeutics*, **2010**, 333, 184-92	4.7	30
51	Oxidative stress impairs vasorelaxation induced by the soluble guanylyl cyclase activator BAY 41-2272 in spontaneously hypertensive rats. *American Journal of Hypertension*, **2009**, 22, 493-9	2.3	29
50	Comparative pharmacological analysis of Rho-kinase inhibitors and identification of molecular components of Ca2+ sensitization in the rat lower urinary tract. *Biochemical Pharmacology*, **2007**, 74, 647-58	6	29
49	Characterization of the antioxidant activity of aglycone and glycosylated derivatives of hesperetin: an in vitro and in vivo study. *Journal of Molecular Recognition*, **2016**, 29, 80-7	2.6	29

48	Molecular mechanisms underlying rat mesenteric artery vasorelaxation induced by the nitric oxide-independent soluble guanylyl cyclase stimulators BAY 41-2272 [5-cyclopropyl-2-[1-(2-fluorobenzyl)-1H-pyrazolo[3,4-b]pyridin-3-yl]pyrimidin-4-ylamine] and YC-1 [3-(5'Hydroxymethyl-2'furyl)-1-benzyl Indazole]. *Journal of Pharmacology and Experimental*	4.7	27
47	Hypertension Induced Morphological and Physiological Changes in Cells of the Arterial Wall. *American Journal of Hypertension*, **2018**, 31, 1067-1078	2.3	27
46	Effects of 5-cyclopropyl-2-[1-(2-fluoro-benzyl)-1H-pyrazolo[3,4-b]pyridine-3-yl]pyrimidin-4-ylamine (BAY 41-2272) on smooth muscle tone, soluble guanylyl cyclase activity, and NADPH oxidase activity/expression in corpus cavernosum from wild-type, neuronal, and endothelial nitric-oxide synthase null mice. *Journal of Pharmacology and Experimental Therapeutics*, **2007**, 322, 1093-102	4.7	26
45	Vasorelaxing effects of propranolol in rat aorta and mesenteric artery: a role for nitric oxide and calcium entry blockade. *Clinical and Experimental Pharmacology and Physiology*, **2006**, 33, 448-55	3	23
44	Exercise training ameliorates the impairment of endothelial and nitrergic corpus cavernosum responses in diabetic rats. *Life Sciences*, **2011**, 88, 272-7	6.8	21
43	Improvement in relaxation response in corpus cavernosum from trained rats. *Urology*, **2004**, 63, 1004-8	1.6	21
42	Evaluation of the relaxant effect of the nitric oxide-independent soluble guanylyl cyclase stimulator BAY 41-2272 in isolated detrusor smooth muscle. *European Journal of Pharmacology*, **2010**, 637, 171-7	5.3	19
41	Vascular effects of long-term propranolol administration after chronic nitric oxide blockade. *European Journal of Pharmacology*, **2007**, 571, 189-96	5.3	17
40	Beneficial effect of the soluble guanylyl cyclase stimulator BAY 41-2272 on impaired penile erection in db/db-/- type II diabetic and obese mice. *Journal of Pharmacology and Experimental Therapeutics*, **2015**, 353, 330-9	4.7	13
39	Negative chronotropic response to adenosine receptor stimulation in rat right atria after run training. *Clinical and Experimental Pharmacology and Physiology*, **2004**, 31, 741-3	3	13
38	Expression and functional role of the RhoA/Rho-kinase pathway in rat coeliac artery. *Clinical and Experimental Pharmacology and Physiology*, **2005**, 32, 817-24	3	11
37	Comparative relaxing effects of sildenafil, vardenafil, and tadalafil in human corpus cavernosum: contribution of endogenous nitric oxide release. *Urology*, **2009**, 74, 216-21	1.6	10
36	Impact of Immune System Activation and Vascular Impairment on Male and Female Sexual Dysfunction. *Sexual Medicine Reviews*, **2019**, 7, 604-613	5.6	9
35	Stimulation of soluble guanylyl cyclase by BAY 41-2272 relaxes anococcygeus muscle: interaction with nitric oxide. *European Journal of Pharmacology*, **2006**, 530, 157-65	5.3	9
34	Protective effect of prior physical conditioning on relaxing response of corpus cavernosum from rats made hypertensive by nitric oxide inhibition. *International Journal of Impotence Research*, **2007**, 19, 189-95	2.3	9
33	Blockade of Toll-like receptor 4 (TLR4) reduces oxidative stress and restores phospho-ERK1/2 levels in Leydig cells exposed to high glucose. *Life Sciences*, **2020**, 245, 117365	6.8	8
32	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	3.7	8
31	Improvement of the physical performance is associated with activation of NO/PGC-1β/mtTFA signaling pathway and increased protein expressions of electron transport chain in gastrocnemius muscle from rats supplemented with L-arginine. *Life Sciences*, **2015**, 125, 63-70	6.8	6

30	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**, 11, 321-332	3.4	5
29	Effect of the phosphodiesterase 5 inhibitors sildenafil, tadalafil and vardenafil on rat anococcygeus muscle: functional and biochemical aspects. *Clinical and Experimental Pharmacology and Physiology*, **2009**, 36, 358-66	3	5
28	Progression of micturition dysfunction associated with the development of heart failure in rats: Model of overactive bladder. *Life Sciences*, **2019**, 226, 107-116	6.8	4
27	Chronotropic response of beta-adrenergic-, muscarinic-, and calcitonin gene-related peptide-receptor agonists in right atria from neonatal capsaicin-treated rats. *Neuroscience Letters*, **2002**, 325, 147-50	3.3	4
26	A novel experimental model of erectile dysfunction in rats with heart failure using volume overload. *PLoS ONE*, **2017**, 12, e0187083	3.7	4
25	Exosomes as Intercellular Messengers in Hypertension. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	4
24	Double-stranded RNA and Toll-like receptor activation: a novel mechanism for blood pressure regulation. *Clinical Science*, **2020**, 134, 303-313	6.5	4
23	Toll-like receptor 9 regulates metabolic profile and contributes to obesity-induced benign prostatic hyperplasia in mice. *Pharmacological Reports*, **2020**, 72, 179-187	3.9	4
22	Vascular Stress Signaling in Hypertension. *Circulation Research*, **2021**, 128, 969-992	15.7	4
21	Dissecting the interaction between HSP70 and vascular contraction: role of [Formula: see text] handling mechanisms. *Scientific Reports*, **2021**, 11, 1420	4.9	4
20	L-Carnitine supplementation impairs endothelium-dependent relaxation in mesenteric arteries from rats. *Archives of Physiology and Biochemistry*, **2014**, 120, 112-8	2.2	3
19	Pharmacological characterization of the presynaptic activity of Tityus serrulatus venom in the rat anococcygeus muscle. *Toxicon*, **2003**, 42, 451-60	2.8	3
18	O-GlcNAc impairs endothelial function in uterine arteries from virgin but not pregnant rats: The role of GSK3□*European Journal of Pharmacology*, **2020**, 880, 173133	5.3	2
17	Pharmacokinetic profile of atenolol aspirinate. *Archiv Der Pharmazie*, **2007**, 340, 445-55	4.3	2
16	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	4.6	2
15	Twice-weekly exercise training reduces oxidative stress and proinflammatory cytokine levels in elder women. *Motriz Revista De Educacao Fisica*, **2019**, 25,	0.9	1
14	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	1.1	1
13	Biology of iatrogenic sexual dysfunction in men and women survivors of cancer. *Urologic Oncology: Seminars and Original Investigations*, **2021**,	2.8	1

List of Publications

12	NLRP3 Inflammasomes Contribute to the Impaired Bladder Contraction in Male Diabetic Mice. *FASEB Journal*, **2019**, 33, 505.5	0.9	0
11	COVID-19 and hypertension: Is there a role for dsRNA and activation of Toll-like receptor 3?. *Vascular Pharmacology*, **2021**, 140, 106861	5.9	0
10	Trimethylamine N-Oxide (TMAO) Impairs Endothelium-Dependent Relaxation in Mouse Mesenteric Resistance Artery and Aorta. *FASEB Journal*, **2020**, 34, 1-1	0.9	
9	Chemerin Increases Contractility of the Uterine Artery and Leads to Placentomegalia. *FASEB Journal*, **2020**, 34, 1-1	0.9	
8	L-Arginase induces Vascular Dysfunction in Old Spontaneously Hypertensive Rats. *FASEB Journal*, **2020**, 34, 1-1	0.9	
7	Effects of the soluble guanylyl cyclase stimulator (sGC) BAY 41-2272 on vascular tone and cyclic GMP levels in spontaneously hypertensive rats.. *FASEB Journal*, **2006**, 20, A1108	0.9	
6	Exercise improves vascular relaxation mediated by sGC/cGMP via inhibition of Rho-Kinase signaling in eNOS □□mice.. *FASEB Journal*, **2007**, 21, A519	0.9	
5	Chemerin decreases vascular reactivity to contractile stimuli in resistance vessels from Sprague Dawley rats fed a high fat diet for 1 month. *FASEB Journal*, **2019**, 33, lb497	0.9	
4	Piezo1 Mechanosensor is Impaired in Pudendal Artery and Corpus Cavernosum of Spontaneously Hypertensive Rats. *FASEB Journal*, **2020**, 34, 1-1	0.9	
3	Alteration of Redox Homeostasis and Protein Expression of Constitutive Nitric Oxide Synthases Contributes to Erectile Dysfunction of Heart Failure Rats. *FASEB Journal*, **2015**, 29, LB488	0.9	
2	Genitourinary dysfunctions associated with heart failure in model of chronic volume overload in rats. *FASEB Journal*, **2012**, 26, 1115.21	0.9	
1	Molecular evidence of tissue remodeling in an animal model of heart failure. *Histology and Histopathology*, **2019**, 34, 1345-1354	1.4	