

# Fernando Silva Carneiro

## List of Publications by Year in descending order

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Version: 2024-02-01

68  
papers

1,684  
citations

270111

25  
h-index

340414

39  
g-index

70  
all docs

70  
docs citations

70  
times ranked

2559  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial DNA and TLR9 activation contribute to SARS-CoV-2-induced endothelial cell damage. <i>Vascular Pharmacology</i> , 2022, 142, 106946.	1.0	59
2	Aryl hydrocarbon receptor (AhR) activation contributes to high-fat diet-induced vascular dysfunction. <i>British Journal of Pharmacology</i> , 2022, 179, 2938-2952.	2.7	10
3	Testosterone Contributes to Vascular Dysfunction in Young Mice Fed a High Fat Diet by Promoting Nuclear Factor E2-Related Factor 2 Downregulation and Oxidative Stress. <i>Frontiers in Physiology</i> , 2022, 13, 837603.	1.3	3
4	Th17 cell-linked mechanisms mediate vascular dysfunction induced by testosterone in a mouse model of gender-affirming hormone therapy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2022, 323, H322-H335.	1.5	9
5	Treatment with nitrite prevents reactive oxygen species generation in the corpora cavernosa and restores intracavernosal pressure in hypertensive rats. <i>Nitric Oxide - Biology and Chemistry</i> , 2020, 94, 19-26.	1.2	5
6	Angiotensin (1-7)-attenuated vasoconstriction is associated with the Interleukin-10 signaling pathway. <i>Life Sciences</i> , 2020, 262, 118552.	2.0	4
7	Supraphysiological Levels of Testosterone Induce Vascular Dysfunction via Activation of the NLRP3 Inflammasome. <i>Frontiers in Immunology</i> , 2020, 11, 1647.	2.2	34
8	Angiotensin (1-7) Inhibits Ang II-mediated ERK1/2 Activation by Stimulating MKP-1 Activation in Vascular Smooth Muscle Cells. <i>International Journal of Molecular and Cellular Medicine</i> , 2020, 9, 50-61.	1.1	4
9	Hypertension: a new treatment for an old disease? Targeting the immune system. <i>British Journal of Pharmacology</i> , 2019, 176, 2028-2048.	2.7	20
10	The inflammasome NLRP3 plays a dual role on mouse corpora cavernosa relaxation. <i>Scientific Reports</i> , 2019, 9, 16224.	1.6	9
11	Mesenteric arteries from stroke-prone spontaneously hypertensive rats exhibit an increase in nitric-oxide-dependent vasorelaxation. <i>Canadian Journal of Physiology and Pharmacology</i> , 2018, 96, 719-727.	0.7	3
12	Hepatic injury induced by thioacetamide causes aortic endothelial dysfunction by a cyclooxygenase-dependent mechanism. <i>Life Sciences</i> , 2018, 212, 168-175.	2.0	9
13	O-Glycosylation with O-linked $\beta$ -N-acetylglucosamine increases vascular contraction: Possible modulatory role on Interleukin-10 signaling pathway. <i>Life Sciences</i> , 2018, 209, 78-84.	2.0	13
14	O-linked N-acetyl-glucosamine deposition in placental proteins varies according to maternal glycemic levels. <i>Life Sciences</i> , 2018, 205, 18-25.	2.0	15
15	Bonus Effects of Antidiabetic Drugs: Possible Beneficial Effects on Endothelial Dysfunction, Vascular Inflammation and Atherosclerosis. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2018, 123, 523-538.	1.2	25
16	Are the innate and adaptive immune systems setting hypertension on fire?. <i>Pharmacological Research</i> , 2017, 117, 377-393.	3.1	31
17	Chronic treatment with fluoxetine modulates vascular adrenergic responses by inhibition of pre- and post-synaptic mechanisms. <i>European Journal of Pharmacology</i> , 2017, 800, 70-80.	1.7	11
18	Erectile Dysfunction in Wistar Audiogenic Rats Is Associated With Increased Cavernosal Contraction and Decreased Neuronal Nitric Oxide Synthase Protein Expression. <i>Urology</i> , 2017, 106, 237.e1-237.e8.	0.5	2

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19	Ethanol-induced erectile dysfunction and increased expression of pro-inflammatory proteins in the rat cavernosal smooth muscle are mediated by NADPH oxidase-derived reactive oxygen species. <i>European Journal of Pharmacology</i> , 2017, 804, 82-93.	1.7	25
20	Increased O-Linked N-Acetylglucosamine Modification of NF- $\kappa$ B and Augmented Cytokine Production in the Placentas from Hyperglycemic Rats. <i>Inflammation</i> , 2017, 40, 1773-1781.	1.7	25
21	Mitochondrial DNA Activates the NLRP3 Inflammasome and Predisposes to Type 1 Diabetes in Murine Model. <i>Frontiers in Immunology</i> , 2017, 8, 164.	2.2	91
22	Functional and structural changes in internal pudendal arteries underlie erectile dysfunction induced by androgen deprivation. <i>Asian Journal of Andrology</i> , 2017, 19, 526.	0.8	23
23	Internal Pudental Artery Dysfunction in Diabetes Mellitus Is Mediated by NOX1-Derived ROS-, Nrf2-, and Rho Kinase-Dependent Mechanisms. <i>Hypertension</i> , 2016, 68, 1056-1064.	1.3	30
24	Reactive oxygen species: players in the cardiovascular effects of testosterone. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 310, R1-R14.	0.9	53
25	Erectile dysfunction in heart failure rats is associated with increased neurogenic contractions in cavernous tissue and internal pudendal artery. <i>Life Sciences</i> , 2016, 145, 9-18.	2.0	14
26	Diabetes impairs the vascular effects of aldosterone mediated by G protein-coupled estrogen receptor activation. <i>Frontiers in Pharmacology</i> , 2015, 6, 34.	1.6	23
27	Toll-like receptor 9 plays a key role in the autonomic cardiac and baroreflex control of arterial pressure. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 308, R714-R723.	0.9	15
28	Chronic ethanol consumption induces erectile dysfunction: Role of oxidative stress. <i>Life Sciences</i> , 2015, 141, 44-53.	2.0	21
29	Chronic fluoxetine treatment increases NO bioavailability and calcium-sensitive potassium channels activation in rat mesenteric resistance arteries. <i>European Journal of Pharmacology</i> , 2015, 765, 375-383.	1.7	13
30	There is a Link Between Erectile Dysfunction and Heart Failure: It could be Inflammation. <i>Current Drug Targets</i> , 2015, 16, 442-450.	1.0	22
31	Effects of augmented O-GlcNAcylation on activation and differentiation of macrophages. <i>FASEB Journal</i> , 2015, 29, 621.15.	0.2	0
32	Differential Modulation of Nitric Oxide Synthases in Aging: Therapeutic Opportunities. <i>Frontiers in Physiology</i> , 2012, 3, 218.	1.3	92
33	Testosterone and Vascular Function in Aging. <i>Frontiers in Physiology</i> , 2012, 3, 89.	1.3	50
34	STIM1/Orai1-mediated store-operated Ca <sup>2+</sup> entry: the tip of the iceberg. <i>Brazilian Journal of Medical and Biological Research</i> , 2011, 44, 1080-1087.	0.7	10
35	Decreased cGMP Level Contributes to Increased Contraction in Arteries From Hypertensive Rats. <i>Hypertension</i> , 2011, 57, 655-663.	1.3	42
36	O-GlcNAcylation contributes to the vascular effects of ET-1 via activation of the RhoA/Rho-kinase pathway. <i>Cardiovascular Research</i> , 2011, 89, 614-622.	1.8	51

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37	Clopidogrel, independent of the vascular P2Y <sub>12</sub> receptor, improves arterial function in small mesenteric arteries from AngII-hypertensive rats. <i>Clinical Science</i> , 2010, 118, 463-471.	1.8	18
38	Emerging Role for TNF- $\alpha$ in Erectile Dysfunction. <i>Journal of Sexual Medicine</i> , 2010, 7, 3823-3834.	0.3	70
39	Erectile Dysfunction in Young Non-Obese Type II Diabetic Goto-Kakizaki Rats is Associated with Decreased eNOS Phosphorylation at Ser1177. <i>Journal of Sexual Medicine</i> , 2010, 7, 3620-3634.	0.3	26
40	O-GlcNAcylation Contributes to Augmented Vascular Reactivity Induced by Endothelin 1. <i>Hypertension</i> , 2010, 55, 180-188.	1.3	37
41	Extracellular Signal-Regulated Kinase 1/2 Activation, via Downregulation of Mitogen-Activated Protein Kinase Phosphatase 1, Mediates Sex Differences in Deoxycorticosterone Acetate-Salt Hypertension Vascular Reactivity. <i>Hypertension</i> , 2010, 55, 172-179.	1.3	43
42	Sex hormones negatively modulate STIM1/Orai1 activity during hypertension: focus on calcium regulation. <i>FASEB Journal</i> , 2010, 24, 1041.21.	0.2	0
43	Increased contractile responses in corpora cavernosa of heart failure rats. <i>FASEB Journal</i> , 2010, 24, 1b576.	0.2	0
44	A key role for Na <sup>+</sup> /K <sup>+</sup> -ATPase in the endothelium-dependent oscillatory activity of mouse small mesenteric arteries. <i>Brazilian Journal of Medical and Biological Research</i> , 2009, 42, 1058-1067.	0.7	5
45	Interleukin-10 attenuates vascular responses to endothelin-1 via effects on ERK1/2-dependent pathway. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009, 296, H489-H496.	1.5	29
46	Increased Activation of Stromal Interaction Molecule-1/Orai-1 in Aorta From Hypertensive Rats. <i>Hypertension</i> , 2009, 53, 409-416.	1.3	86
47	Impaired Vasodilator Activity in Deoxycorticosterone Acetate-Salt Hypertension Is Associated With Increased Protein O-GlcNAcylation. <i>Hypertension</i> , 2009, 53, 166-174.	1.3	56
48	TNF- $\alpha$ Knockout Mice Have Increased Corpora Cavernosa Relaxation. <i>Journal of Sexual Medicine</i> , 2009, 6, 115-125.	0.3	42
49	TNF- $\alpha$ Infusion Impairs Corpora Cavernosa Reactivity. <i>Journal of Sexual Medicine</i> , 2009, 6, 311-319.	0.3	33
50	Upregulation of intermediate calcium-activated potassium channels counterbalance the impaired endothelium-dependent vasodilation in stroke-prone spontaneously hypertensive rats. <i>Translational Research</i> , 2009, 154, 183-193.	2.2	45
51	DOCA-salt hypertensive rats display decreased vascular reactivity to urotensin-II. <i>FASEB Journal</i> , 2009, 23, 1017.35.	0.2	0
52	Sex differences in vascular expression and activation of STIM1/Orai1 during hypertension: focus on calcium regulation. <i>FASEB Journal</i> , 2009, 23, .	0.2	3
53	nNOS mediates relaxation in corpus cavernosum mice strips improved by Tx2 toxin from Phoneutria nigriventer spider via cGMP increase. <i>FASEB Journal</i> , 2009, 23, 956.7.	0.2	0
54	Augmented vascular reactivity induced by ET-1 is associated with increased O-GlcNAcylation. <i>FASEB Journal</i> , 2009, 23, 627.8.	0.2	0

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55	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
56	Cigarette Smoking and Erectile Dysfunction: Focus on NO Bioavailability and ROS Generation. Journal of Sexual Medicine, 2008, 5, 1284-1295.	0.3	84
57	Activation of the ET-1/ETA Pathway Contributes to Erectile Dysfunction Associated with Mineralocorticoid Hypertension. Journal of Sexual Medicine, 2008, 5, 2793-2807.	0.3	37
58	Therapeutic targets in hypertension: is there a place for antagonists of the most potent vasoconstrictors?. Expert Opinion on Therapeutic Targets, 2008, 12, 327-339.	1.5	15
59	Pyk2 mediates increased adrenergic contractile responses in arteries from DOCA-salt mice " Vasoactive Peptide Symposium. Journal of the American Society of Hypertension, 2008, 2, 431-438.	2.3	9
60	Increased vascular O-GlcNAcylation augments reactivity to constrictor stimuli " Vasoactive Peptide Symposium. Journal of the American Society of Hypertension, 2008, 2, 410-417.	2.3	28
61	Murine and rat cavernosal responses to endothelin-1 and urotensin-II Vasoactive Peptide Symposium. Journal of the American Society of Hypertension, 2008, 2, 439-447.	2.3	7
62	DOCA-salt treatment enhances responses to endothelin-1 in murine corpus cavernosum This article is one of a selection of papers published in the special issue (part 1 of 2) on Forefronts in Endothelin.. Canadian Journal of Physiology and Pharmacology, 2008, 86, 320-328.	0.7	27
63	Increased vascular contractile responses to phenylephrine in Doca-salt mice is normalized by Pyk2 blockade. FASEB Journal, 2008, 22, 912.10.	0.2	0
64	Murine and rat cavernosal responses to endothelin-1 and urotensin-II. FASEB Journal, 2008, 22, 744.14.	0.2	0
65	Increased cavernosal relaxation in type 2 diabetic Goto-Kakizaki rats. FASEB Journal, 2008, 22, 1226.13.	0.2	0
66	O-GlcNAcylation increases vascular reactivity in rat aorta. FASEB Journal, 2008, 22, .	0.2	1
67	Determination of Adenosine Effects and Adenosine Receptors in Murine Corpus Cavernosum. Journal of Pharmacology and Experimental Therapeutics, 2007, 322, 678-685.	1.3	44
68	Targets for the Treatment of Erectile Dysfunction: Is NO/cGMP Still the Answer?. Recent Patents on Cardiovascular Drug Discovery, 2007, 2, 119-132.	1.5	27