

Fbio H Silva

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

41
papers

410
citations

13
h-index

19
g-index

41
ext. papers

484
ext. citations

3.4
avg, IF

3.03
L-index

#	Paper	IF	Citations
41	Resveratrol-nitric oxide donor hybrid effect on priapism in sickle cell and nitric oxide-deficient mouse. <i>PLoS ONE</i> , 2022 , 17, e0269310	3.7	
40	Lipopolysaccharide reduces urethral smooth muscle contractility via cyclooxygenase activation. <i>Journal of Physiology and Biochemistry</i> , 2021 , 77, 557-564	5	
39	TSPO ligand FGIN-1-27 controls priapism in sickle cell mice via endogenous testosterone production. <i>Journal of Cellular Physiology</i> , 2021 , 236, 3073-3082	7	4
38	Urinary dysfunction in transgenic sickle cell mice: model of idiopathic overactive bladder syndrome. <i>American Journal of Physiology - Renal Physiology</i> , 2019 , 317, F540-F546	4.3	2
37	Dysregulated NO/PDE5 signaling in the sickle cell mouse lower urinary tract: Reversal by oral nitrate therapy. <i>Life Sciences</i> , 2019 , 238, 116922	6.8	2
36	Urethral Smooth Muscle Dysfunction in Middle-aged Male Rats May Affect Micturition. <i>FASEB Journal</i> , 2019 , 33, lb369	0.9	
35	Effect of PDE9 inhibitor BAY 73-6691 in the contractile response of cavernosal and detrusor smooth muscle of sickle cell disease mice. <i>FASEB Journal</i> , 2019 , 33, lb407	0.9	
34	Obesity-induced mouse benign prostatic hyperplasia (BPH) is improved by treatment with resveratrol: implication of oxidative stress, insulin sensitivity and neuronal growth factor. <i>Journal of Nutritional Biochemistry</i> , 2018 , 55, 53-58	6.3	11
33	Influence of the periprostatic adipose tissue in obesity-associated mouse urethral dysfunction and oxidative stress: Effect of resveratrol treatment. <i>European Journal of Pharmacology</i> , 2018 , 836, 25-33	5.3	7
32	Intravascular Hemolysis Leads to Priapism Phenotype: Experimental Evidence. <i>Blood</i> , 2018 , 132, 1076-1076		
31	A thalidomide-hydroxyurea hybrid increases HbF production in sickle cell mice and reduces the release of proinflammatory cytokines in cultured monocytes. <i>Experimental Hematology</i> , 2018 , 58, 35-38	3.1	6
30	Testosterone replacement in transgenic sickle cell mice controls priapic activity and upregulates PDE5 expression and eNOS activity in the penis. <i>Andrology</i> , 2018 , 6, 184-191	4.2	14
29	Impairment of Nitric Oxide Pathway by Intravascular Hemolysis Plays a Major Role in Mice Esophageal Hypercontractility: Reversion by Soluble Guanylyl Cyclase Stimulator. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018 , 367, 194-202	4.7	2
28	Implication of Rho-kinase and soluble guanylyl cyclase enzymes in prostate smooth muscle dysfunction in middle-aged rats. <i>Neurourology and Urodynamics</i> , 2017 , 36, 589-596	2.3	5
27	How important is the β adrenoceptor in primate and rodent proximal urethra? Sex differences in the contribution of β adrenoceptor to urethral contractility. <i>American Journal of Physiology - Renal Physiology</i> , 2017 , 312, F1026-F1034	4.3	17
26	Circulating Concentrations of Adipocytokines and Their Receptors in the Isolated Corpus Cavernosum and Femoral Artery from Trained Rats on a High-Fat Diet. <i>Journal of Vascular Research</i> , 2017 , 54, 33-50	1.9	4
25	A novel experimental model of erectile dysfunction in rats with heart failure using volume overload. <i>PLoS ONE</i> , 2017 , 12, e0187083	3.7	4

24	Beneficial Effect of the Nitric Oxide Donor Compound 3-(1,3-Dioxoisindolin-2-yl)Benzyl Nitrate on Dysregulated Phosphodiesterase 5, NADPH Oxidase, and Nitrosative Stress in the Sickle Cell Mouse Penis: Implication for Priapism Treatment. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016 , 359, 230-237	4.7	19
23	Chronic treatment with resveratrol improves overactive bladder in obese mice via antioxidant activity. <i>European Journal of Pharmacology</i> , 2016 , 788, 29-36	5.3	16
22	Mirabegron relaxes urethral smooth muscle by a dual mechanism involving β -adrenoceptor activation and α -adrenoceptor blockade. <i>British Journal of Pharmacology</i> , 2016 , 173, 415-28	8.6	44
21	Sympathetic Hyperactivity, Increased Tyrosine Hydroxylase and Exaggerated Corpus Caverosum Relaxations Associated with Oxidative Stress Plays a Major Role in the Penis Dysfunction in Townes Sickle Cell Mouse. <i>PLoS ONE</i> , 2016 , 11, e0166291	3.7	9
20	Treatment with a New Nitric Oxide Donor, a Hybrid Derived from Thalidomide and Hydroxycarbamide 3-(1,3-dioxoisindolin-2-yl)Benzyl Nitrate, Reverses Priapism in the Sickle Cell Mouse and the Nitric Oxide-Deficient Mouse. <i>Blood</i> , 2016 , 128, 3634-3634	2.2	
19	Soluble Guanylate Cyclase Modulators, BAY 41-2272 and BAY 60-2770, Inhibit Human and Rabbit Prostate Contractility. <i>Urology</i> , 2016 , 94, 312.e9-312.e15	1.6	4
18	Treatment With Metformin Improves Erectile Dysfunction in a Murine Model of Obesity Associated With Insulin Resistance. <i>Urology</i> , 2015 , 86, 423.e1-6	1.6	14
17	Increased Rho-kinase-mediated prostate contractions associated with impairment of β adrenergic-cAMP-signaling pathway by chronic nitric oxide deficiency. <i>European Journal of Pharmacology</i> , 2015 , 758, 24-30	5.3	7
16	Urinary Bladder Dysfunction in Transgenic Sickle Cell Disease Mice. <i>PLoS ONE</i> , 2015 , 10, e0133996	3.7	10
15	Alteration of Redox Homeostasis and Protein Expression of Constitutive Nitric Oxide Synthases Contributes to Erectile Dysfunction of Heart Failure Rats. <i>FASEB Journal</i> , 2015 , 29, LB488	0.9	
14	Oxidative Stress Contributes to Overactive Bladder in the Transgenic Sickle Cell Mouse. <i>Blood</i> , 2015 , 126, 4582-4582	2.2	
13	Soluble guanylyl cyclase (sGC) degradation and impairment of nitric oxide-mediated responses in urethra from obese mice: reversal by the sGC activator BAY 60-2770. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2014 , 349, 2-9	4.7	30
12	The soluble guanylyl cyclase activator BAY 60-2770 ameliorates overactive bladder in obese mice. <i>Journal of Urology</i> , 2014 , 191, 539-47	2.5	26
11	Prolonged therapy with the soluble guanylyl cyclase activator BAY 60-2770 restores the erectile function in obese mice. <i>Journal of Sexual Medicine</i> , 2014 , 11, 2661-70	1.1	13
10	Oxidative stress associated with middle aging leads to sympathetic hyperactivity and downregulation of soluble guanylyl cyclase in corpus cavernosum. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014 , 307, H1393-400	5.2	29
9	Townes Transgenic Sickle Cell Mouse Model Displays Erectile Dysfunction. <i>Blood</i> , 2014 , 124, 1376-1376	2.2	
8	Superoxide anion production by NADPH oxidase plays a major role in erectile dysfunction in middle-aged rats: prevention by antioxidant therapy. <i>Journal of Sexual Medicine</i> , 2013 , 10, 960-71	1.1	35
7	Phosphodiesterase-9 (PDE9) inhibition with BAY 73-6691 increases corpus cavernosum relaxations mediated by nitric oxide-cyclic GMP pathway in mice. <i>International Journal of Impotence Research</i> , 2013 , 25, 69-73	2.3	12

6 Young and Old Sickle Cell Disease Transgenic Mice Present Underactive Bladder. *Blood*, **2013**, 122, 2248-2248

5 Vas deferens smooth muscle responses to the nitric oxide-independent soluble guanylate cyclase stimulator BAY 41-2272. *European Journal of Pharmacology*, **2012**, 688, 49-55 5.3 7

4 Genitourinary dysfunctions associated with heart failure in model of chronic volume overload in rats. *FASEB Journal*, **2012**, 26, 1115.21 0.9

3 High-fat diet associated with obesity induces impairment of mouse corpus cavernosum responses. *BJU International*, **2011**, 107, 1628-34 5.6 27

2 Long-term oral treatment with BAY 41-2272 ameliorates impaired corpus cavernosum relaxations in a nitric oxide-deficient rat model. *BJU International*, **2011**, 108, 116-22 5.6 14

1 Long-term administration of BAY 41-2272 prevents bladder dysfunction in nitric oxide-deficient rats. *Neurourology and Urodynamics*, **2011**, 30, 456-60 2.3 16