

Fbio H Silva

List of Publications by Citations

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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 | 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 |
| 40 | 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 |
| 39 | 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 |
| 38 | 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 |
| 37 | High-fat diet associated with obesity induces impairment of mouse corpus cavernosum responses. <i>BJU International</i> , 2011 , 107, 1628-34 | 5.6 | 27 |
| 36 | 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 |
| 35 | 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> , 2014 , 349, 2-9 | 4.7 | 19 |
| 34 | 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 |
| 33 | 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 |
| 32 | Long-term administration of BAY 41-2272 prevents bladder dysfunction in nitric oxide-deficient rats. <i>Neurourology and Urodynamics</i> , 2011 , 30, 456-60 | 2.3 | 16 |
| 31 | 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 |
| 30 | Long-term oral treatment with BAY 41-2272 ameliorates impaired corpus cavernosum relaxations in a nitric oxide-deficient rat model. <i>BJU International</i> , 2011 , 108, 116-22 | 5.6 | 14 |
| 29 | 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 |
| 28 | 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 |
| 27 | 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 |
| 26 | 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 |
| 25 | Urinary Bladder Dysfunction in Transgenic Sickle Cell Disease Mice. <i>PLoS ONE</i> , 2015 , 10, e0133996 | 3.7 | 10 |

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| 24 | Sympathetic Hyperactivity, Increased Tyrosine Hydroxylase and Exaggerated Corpus Cavernosum 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 |
| 23 | Increased Rho-kinase-mediated prostate contractions associated with impairment of Adrenergic-cAMP-signaling pathway by chronic nitric oxide deficiency. <i>European Journal of Pharmacology</i> , 2015 , 758, 24-30 | 5.3 | 7 |
| 22 | 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 |
| 21 | Vas deferens smooth muscle responses to the nitric oxide-independent soluble guanylate cyclase stimulator BAY 41-2272. <i>European Journal of Pharmacology</i> , 2012 , 688, 49-55 | 5.3 | 7 |
| 20 | 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 |
| 19 | 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 |
| 18 | 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 |
| 17 | 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 |
| 16 | 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 |
| 15 | 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 |
| 14 | 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 |
| 13 | 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 |
| 12 | 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 |
| 11 | Intravascular Hemolysis Leads to Priapism Phenotype: Experimental Evidence. <i>Blood</i> , 2018 , 132, 1076-1076 | 2.6 | 2 |
| 10 | Urethral Smooth Muscle Dysfunction in Middle-aged Male Rats May Affect Micturition. <i>FASEB Journal</i> , 2019 , 33, lb369 | 0.9 | 2 |
| 9 | 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 | 2 |
| 8 | Townes Transgenic Sickle Cell Mouse Model Displays Erectile Dysfunction. <i>Blood</i> , 2014 , 124, 1376-1376 | 2.2 | 2 |
| 7 | 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 | 2 |

- 6 Oxidative Stress Contributes to Overactive Bladder in the Transgenic Sickle Cell Mouse. *Blood*, **2015**, 126, 4582-4582 2.2
- 5 Treatment with a New Nitric Oxide Donor, a Hybrid Derived from Thalidomide and Hydroxycarbamide 3-(1,3-dioxisoindolin-2-yl)Benzyl Nitrate, Reverses Priapism in the Sickle Cell Mouse and the Nitric Oxide-Deficient Mouse. *Blood*, **2016**, 128, 3634-3634 2.2
- 4 Genitourinary dysfunctions associated with heart failure in model of chronic volume overload in rats. *FASEB Journal*, **2012**, 26, 1115.21 0.9
- 3 Young and Old Sickle Cell Disease Transgenic Mice Present Underactive Bladder. *Blood*, **2013**, 122, 2248-2248
- 2 Lipopolysaccharide reduces urethral smooth muscle contractility via cyclooxygenase activation. *Journal of Physiology and Biochemistry*, **2021**, 77, 557-564 5
- 1 Resveratrol-nitric oxide donor hybrid effect on priapism in sickle cell and nitric oxide-deficient mouse. *PLoS ONE*, **2022**, 17, e0269310 3.7