Xin-Hua Zhang

List of Publications by Citations

35 papers	748 citations	13 h-index	27 g-index
38 ext. papers	871 ext. citations	5.1 avg, IF	3.43 L-index

#	Paper	IF	Citations
35	Testosterone regulates PDE5 expression and in vivo responsiveness to tadalafil in rat corpus cavernosum. *European Urology*, **2005**, 47, 409-16; discussion 416	10.2	140
34	Testosterone restores diabetes-induced erectile dysfunction and sildenafil responsiveness in two distinct animal models of chemical diabetes. *Journal of Sexual Medicine*, **2006**, 3, 253-64; discussion 264-5, author reply 265-6	1.1	113
33	Effect of chronic tadalafil administration on penile hypoxia induced by cavernous neurotomy in the rat. *Journal of Sexual Medicine*, **2006**, 3, 419-31	1.1	104
32	A Novel Regulatory Mechanism of Smooth Muscle □Actin Expression by NRG-1/circACTA2/miR-548f-5p Axis. *Circulation Research*, **2017**, 121, 628-635	15.7	75
31	Testosterone regulates smooth muscle contractile pathways in the rat prostate: emphasis on PDE5 signaling. *American Journal of Physiology - Endocrinology and Metabolism*, **2012**, 302, E243-53	6	34
30	Update on corpus cavernosum smooth muscle contractile pathways in erectile function: a role for testosterone?. *Journal of Sexual Medicine*, **2011**, 8, 1865-79	1.1	33
29	Comparative effectiveness of oral drug therapies for lower urinary tract symptoms due to benign prostatic hyperplasia: a systematic review and network meta-analysis. *PLoS ONE*, **2014**, 9, e107593	3.7	33
28	The sphingosine-1-phosphate pathway is upregulated in response to partial urethral obstruction in male rats and activates RhoA/Rho-kinase signalling. *BJU International*, **2010**, 106, 562-71	5.6	20
27	Testosterone regulates erectile function and Vcsa1 expression in the corpora of rats. *Molecular and Cellular Endocrinology*, **2009**, 303, 67-73	4.4	17
26	Upregulation of Phosphodiesterase type 5 in the Hyperplastic Prostate. *Scientific Reports*, **2015**, 5, 17888	4.9	16
25	In vitro and in vivo relaxation of urinary bladder smooth muscle by the selective myosin II inhibitor, blebbistatin. *BJU International*, **2011**, 107, 310-7	5.6	16
24	Systematic review and meta-analysis on phosphodiesterase 5 inhibitors and □adrenoceptor antagonists used alone or combined for treatment of LUTS due to BPH. *Asian Journal of Andrology*, **2015**, 17, 1022-32	2.8	15
23	Smooth muscle myosin expression, isoform composition, and functional activities in rat corpus cavernosum altered by the streptozotocin-induced type 1 diabetes. *American Journal of Physiology - Endocrinology and Metabolism*, **2012**, 302, E32-42	6	15
22	Blebbistain, a myosin II inhibitor, as a novel strategy to regulate detrusor contractility in a rat model of partial bladder outlet obstruction. *PLoS ONE*, **2011**, 6, e25958	3.7	13
21	In vitro and in vivo relaxation of corpus cavernosum smooth muscle by the selective myosin II inhibitor, blebbistatin. *Journal of Sexual Medicine*, **2009**, 6, 2661-71	1.1	13
20	Regional heterogeneity in expression of the sphingosine-1-phosphate pathway in the female rat lower urinary tract. *American Journal of Obstetrics and Gynecology*, **2009**, 200, 576.e1-7	6.4	10
19	Identification and functional activity of matrix-remodeling associated 5 (MXRA5) in benign hyperplastic prostate. *Aging*, **2020**, 12, 8605-8621	5.6	10

18	Upregulated Interleukin 21 Receptor Enhances Proliferation and Epithelial-Mesenchymal Transition Process in Benign Prostatic Hyperplasia. *Frontiers in Endocrinology*, **2019**, 10, 4	5.7	9
17	Rho-kinase, a common final path of various contractile bladder and ureter stimuli. *Handbook of Experimental Pharmacology*, **2011**, 543-68	3.2	9
16	The expression and functional activities of smooth muscle myosin and non-muscle myosin isoforms in rat prostate. *Journal of Cellular and Molecular Medicine*, **2018**, 22, 576-588	5.6	8
15	Upregulation of Oxytocin Receptor in the Hyperplastic Prostate. *Frontiers in Endocrinology*, **2018**, 9, 403	5.7	7
14	Testosterone regulates the expression and functional activity of sphingosine-1-phosphate receptors in the rat corpus cavernosum. *Journal of Cellular and Molecular Medicine*, **2018**, 22, 1507-1516	5.6	6
13	Blebbistatin modulates prostatic cell growth and contrapctility through myosin II signaling. *Clinical Science*, **2018**, 132, 2189-2205	6.5	5
12	Rat model of erectile dysfunction caused by cavernous nerve ablation. *Chinese Medical Journal*, **2002**, 115, 1179-82	2.9	5
11	Smoothened inhibition leads to decreased cell proliferation and suppressed tissue fibrosis in the development of benign prostatic hyperplasia. *Cell Death Discovery*, **2021**, 7, 115	6.9	4
10	NELL2 modulates cell proliferation and apoptosis via ERK pathway in the development of benign prostatic hyperplasia. *Clinical Science*, **2021**, 135, 1591-1608	6.5	4
9	Testosterone regulates myosin II isoforms expression and functional activity in the rat prostate. *Prostate*, **2018**, 78, 1283-1298	4.2	3
8	Upregulated bone morphogenetic protein 5 enhances proliferation and epithelial-mesenchymal transition process in benign prostatic hyperplasia via BMP/Smad signaling pathway. *Prostate*, **2021**, 81, 1435-1449	4.2	3
7	Glucose-regulated protein 78 modulates cell growth, epithelial-mesenchymal transition, and oxidative stress in the hyperplastic prostate.. *Cell Death and Disease*, **2022**, 13, 78	9.8	2
6	Changes in the expression and function of the PDE5 pathway in the obstructed urinary bladder. *Journal of Cellular and Molecular Medicine*, **2020**, 24, 13181-13195	5.6	2
5	M2a macrophage can rescue proliferation and gene expression of benign prostate hyperplasia epithelial and stroma cells from insulin-like growth factor 1 knockdown. *Prostate*, **2021**, 81, 530-542	4.2	2
4	Testosterone regulates the expression and functional activity of sphingosine-1-phosphate receptors in the rat corpus cavernosum **2018**, 22, 1507		1
3	Changes in the expression and functional activities of Myosin II isoforms in human hyperplastic prostate. *Clinical Science*, **2021**, 135, 167-183	6.5	1
2	Alterations in the phosphodiesterase type 5 pathway and oxidative stress correlate with erectile function in spontaneously hypertensive rats. *Journal of Cellular and Molecular Medicine*, **2020**, 24, 14280-14292	5.6	0
1	The Prostate-Associated Gene 4 (PAGE4) Could Play a Role in the Development of Benign Prostatic Hyperplasia under Oxidative Stress. *Oxidative Medicine and Cellular Longevity*, **2022**, 2022, 1-22	6.7	