

Xin-Hua Zhang

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.

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	Glucose-regulated protein 78 modulates cell growth, epithelial-mesenchymal transition, and oxidative stress in the hyperplastic prostate.. <i>Cell Death and Disease</i> , 2022 , 13, 78	9.8	2
34	The Prostate-Associated Gene 4 (PAGE4) Could Play a Role in the Development of Benign Prostatic Hyperplasia under Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2022 , 2022, 1-22	6.7	
33	M2a macrophage can rescue proliferation and gene expression of benign prostate hyperplasia epithelial and stroma cells from insulin-like growth factor 1 knockdown. <i>Prostate</i> , 2021 , 81, 530-542	4.2	2
32	Smoothened inhibition leads to decreased cell proliferation and suppressed tissue fibrosis in the development of benign prostatic hyperplasia. <i>Cell Death Discovery</i> , 2021 , 7, 115	6.9	4
31	NELL2 modulates cell proliferation and apoptosis via ERK pathway in the development of benign prostatic hyperplasia. <i>Clinical Science</i> , 2021 , 135, 1591-1608	6.5	4
30	Upregulated bone morphogenetic protein 5 enhances proliferation and epithelial-mesenchymal transition process in benign prostatic hyperplasia via BMP/Smad signaling pathway. <i>Prostate</i> , 2021 , 81, 1435-1449	4.2	3
29	Changes in the expression and functional activities of Myosin II isoforms in human hyperplastic prostate. <i>Clinical Science</i> , 2021 , 135, 167-183	6.5	1
28	Identification and functional activity of matrix-remodeling associated 5 (MXRA5) in benign hyperplastic prostate. <i>Aging</i> , 2020 , 12, 8605-8621	5.6	10
27	Changes in the expression and function of the PDE5 pathway in the obstructed urinary bladder. <i>Journal of Cellular and Molecular Medicine</i> , 2020 , 24, 13181-13195	5.6	2
26	Alterations in the phosphodiesterase type 5 pathway and oxidative stress correlate with erectile function in spontaneously hypertensive rats. <i>Journal of Cellular and Molecular Medicine</i> , 2020 , 24, 14280-14292 ⁰	5.6	
25	Upregulated Interleukin 21 Receptor Enhances Proliferation and Epithelial-Mesenchymal Transition Process in Benign Prostatic Hyperplasia. <i>Frontiers in Endocrinology</i> , 2019 , 10, 4	5.7	9
24	Testosterone regulates the expression and functional activity of sphingosine-1-phosphate receptors in the rat corpus cavernosum. <i>Journal of Cellular and Molecular Medicine</i> , 2018 , 22, 1507-1516	5.6	6
23	The expression and functional activities of smooth muscle myosin and non-muscle myosin isoforms in rat prostate. <i>Journal of Cellular and Molecular Medicine</i> , 2018 , 22, 576-588	5.6	8
22	Testosterone regulates myosin II isoforms expression and functional activity in the rat prostate. <i>Prostate</i> , 2018 , 78, 1283-1298	4.2	3
21	Upregulation of Oxytocin Receptor in the Hyperplastic Prostate. <i>Frontiers in Endocrinology</i> , 2018 , 9, 403	5.7	7
20	Testosterone regulates the expression and functional activity of sphingosine-1-phosphate receptors in the rat corpus cavernosum 2018 , 22, 1507		1
19	Blebbistatin modulates prostatic cell growth and contrapctility through myosin II signaling. <i>Clinical Science</i> , 2018 , 132, 2189-2205	6.5	5

18	A Novel Regulatory Mechanism of Smooth Muscle β Actin Expression by NRG-1/circACTA2/miR-548F-5p Axis. <i>Circulation Research</i> , 2017 , 121, 628-635	15.7	75
17	Upregulation of Phosphodiesterase type 5 in the Hyperplastic Prostate. <i>Scientific Reports</i> , 2015 , 5, 17888	4.9	16
16	Systematic review and meta-analysis on phosphodiesterase 5 inhibitors and β adrenoceptor antagonists used alone or combined for treatment of LUTS due to BPH. <i>Asian Journal of Andrology</i> , 2015 , 17, 1022-32	2.8	15
15	Comparative effectiveness of oral drug therapies for lower urinary tract symptoms due to benign prostatic hyperplasia: a systematic review and network meta-analysis. <i>PLoS ONE</i> , 2014 , 9, e107593	3.7	33
14	Smooth muscle myosin expression, isoform composition, and functional activities in rat corpus cavernosum altered by the streptozotocin-induced type 1 diabetes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012 , 302, E32-42	6	15
13	Testosterone regulates smooth muscle contractile pathways in the rat prostate: emphasis on PDE5 signaling. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012 , 302, E243-53	6	34
12	Rho-kinase, a common final path of various contractile bladder and ureter stimuli. <i>Handbook of Experimental Pharmacology</i> , 2011 , 543-68	3.2	9
11	Blebbistatin, a myosin II inhibitor, as a novel strategy to regulate detrusor contractility in a rat model of partial bladder outlet obstruction. <i>PLoS ONE</i> , 2011 , 6, e25958	3.7	13
10	In vitro and in vivo relaxation of urinary bladder smooth muscle by the selective myosin II inhibitor, blebbistatin. <i>BJU International</i> , 2011 , 107, 310-7	5.6	16
9	Update on corpus cavernosum smooth muscle contractile pathways in erectile function: a role for testosterone?. <i>Journal of Sexual Medicine</i> , 2011 , 8, 1865-79	1.1	33
8	The sphingosine-1-phosphate pathway is upregulated in response to partial urethral obstruction in male rats and activates RhoA/Rho-kinase signalling. <i>BJU International</i> , 2010 , 106, 562-71	5.6	20
7	In vitro and in vivo relaxation of corpus cavernosum smooth muscle by the selective myosin II inhibitor, blebbistatin. <i>Journal of Sexual Medicine</i> , 2009 , 6, 2661-71	1.1	13
6	Regional heterogeneity in expression of the sphingosine-1-phosphate pathway in the female rat lower urinary tract. <i>American Journal of Obstetrics and Gynecology</i> , 2009 , 200, 576.e1-7	6.4	10
5	Testosterone regulates erectile function and Vcsa1 expression in the corpora of rats. <i>Molecular and Cellular Endocrinology</i> , 2009 , 303, 67-73	4.4	17
4	Testosterone restores diabetes-induced erectile dysfunction and sildenafil responsiveness in two distinct animal models of chemical diabetes. <i>Journal of Sexual Medicine</i> , 2006 , 3, 253-64; discussion 264-5, author reply 265-6	1.1	113
3	Effect of chronic tadalafil administration on penile hypoxia induced by cavernous neurotomy in the rat. <i>Journal of Sexual Medicine</i> , 2006 , 3, 419-31	1.1	104
2	Testosterone regulates PDE5 expression and in vivo responsiveness to tadalafil in rat corpus cavernosum. <i>European Urology</i> , 2005 , 47, 409-16; discussion 416	10.2	140
1	Rat model of erectile dysfunction caused by cavernous nerve ablation. <i>Chinese Medical Journal</i> , 2002 , 115, 1179-82	2.9	5

