Alvaro MuÃ‘oz

List of Publications by Year
in descending order

33 papers	724 citations	686830 13 h-index	525886 27 g-index
33 all docs	33 docs citations	33 times ranked	859 citing authors

#	Article	IF	Citations
1	ABCC8 and ABCC9: ABC transporters that regulate K+ channels. Pflugers Archiv European Journal of Physiology, 2007, 453, 703-718.	1.3	140
2	Botulinum toxin type A normalizes alterations in urothelial ATP and NO release induced by chronic spinal cord injury. Neurochemistry International, 2008, 52, 1068-1075.	1.9	109
3	Overactive and underactive bladder dysfunction is reflected by alterations in urothelial ATP and NO release. Neurochemistry International, 2011, 58, 295-300.	1.9	64
4	Ischemic Preconditioning in the Hippocampus of a Knockout Mouse Lacking SUR1-Based K ATP Channels. Stroke, 2003, 34, 164-170.	1.0	49
5	Regulation of Glucagon Secretion at Low Glucose Concentrations: Evidence for Adenosine Triphosphate-Sensitive Potassium Channel Involvement. Endocrinology, 2005, 146, 5514-5521.	1.4	49
6	Modulation of bladder afferent signals in normal and spinal cordâ€injured rats by purinergic P2X3 and P2X2/3 receptors. BJU International, 2012, 110, E409-14.	1.3	38
7	Epinephrine-induced hyperpolarization of islet cells without KATP channels. American Journal of Physiology - Endocrinology and Metabolism, 2004, 286, E463-E471.	1.8	36
8	Removal of urothelium affects bladder contractility and release of ATP but not release of NO in rat urinary bladder. BMC Urology, 2010, 10, 10.	0.6	36
9	Central inhibitory effect of intravesically applied botulinum toxin A in chronic spinal cord injury. Neurourology and Urodynamics, 2011, 30, 1376-1381.	0.8	23
10	Localized inhibition of P2X7R at the spinal cord injury site improves neurogenic bladder dysfunction by decreasing urothelial P2X3R expression in rats. Life Sciences, 2017, 171, 60-67.	2.0	22
11	In Situ Characterization of the Ca2+ Sensitivity of Large Conductance Ca2+-Activated K+ Channels: Implications for Their Use as Near-Membrane Ca2+ Indicators in Smooth Muscle Cells. Biophysical Journal, 1998, 75, 1774-1782.	0.2	19
12	Inhibition of urothelial P2X3 receptors prevents desensitization of purinergic detrusor contractions in the rat bladder. BJU International, 2015, 116, 293-301.	1.3	16
13	Modulatory effects of intravesical P2X2/3 purinergic receptor inhibition on lower urinary tract electromyographic properties and voiding function of female rats with moderate or severe spinal cord injury. BJU International, 2019, 123, 538-547.	1.3	13
14	Activation of cholinergic receptors blocks non-adrenergic non-cholinergic contractions in the rat urinary bladder. Brain Research Bulletin, 2008, 77, 420-426.	1.4	12
15	The Association of Urinary Nerve Growth Factor Levels With Bladder Outlet Obstruction in Women. Female Pelvic Medicine and Reconstructive Surgery, 2015, 21, 111-115.	0.6	12
16	Lumbosacral sensory neuronal activity is enhanced by activation of urothelial purinergic receptors. Brain Research Bulletin, 2011, 86, 380-384.	1.4	11
17	Functional brain interactions during reflexive micturition are absent from spinal cord injured rats with neurogenic bladder. Neurourology and Urodynamics, 2015, 34, 469-474.	0.8	11
18	Consumption of sucrose from infancy increases the visceral fat accumulation, concentration of triglycerides, insulin and leptin, and generates abnormalities in the adrenal gland. Anatomical Science International, 2016, 91, 151-162.	0.5	9

#	Article	IF	Citations
19	Diabetic plasticity of non-adrenergic non-cholinergic and P2X-mediated rat bladder contractions. Brain Research Bulletin, 2013, 95, 40-45.	1.4	7
20	Neurogenic bladder dysfunction does not correlate with astrocyte and microglia activation produced by graded force in a contusion-induced spinal cord injury. Brain Research Bulletin, 2017, 131, 18-24.	1.4	7
21	Electrical Activity of the Bladder Is Attenuated by Intravesical Inhibition of P2X2/3 Receptors During Micturition in Female Rats. International Neurourology Journal, 2017, 21, 259-269.	0.5	7
22	Plasticity of non-adrenergic non-cholinergic bladder contractions in rats after chronic spinal cord injury. Brain Research Bulletin, 2011, 86, 91-96.	1.4	6
23	Choice of cystometric technique impacts detrusor contractile dynamics in wistar rats. Physiological Reports, 2021, 9, e14724.	0.7	5
24	Antibody-mediated inhibition of Nogo-A signaling promotes neurite growth in PC-12 cells. Journal of Tissue Engineering, 2016, 7, 204173141662976.	2.3	4
25	Morphometric changes and AQP2 expression in kidneys of young male rats exposed to chronic stress and a high-sucrose diet. Biomedicine and Pharmacotherapy, 2018, 105, 1098-1105.	2.5	4
26	Urethral regions with differential tissular composition may underlie urinary continence and voiding function in female rats. Neurourology and Urodynamics, 2019, 38, 893-901.	0.8	4
27	Administration of leuprolide acetate, a GnRH agonist, improves urodynamic parameters in ovariectomized rats. Neurourology and Urodynamics, 2018, 37, 1574-1582.	0.8	3
28	Nonâ€invasive electromyographic estimation of motor unit number in the external anal sphincter of the rat. Neurourology and Urodynamics, 2018, 37, 115-122.	0.8	2
29	Synergistic Activities of Abdominal Muscles Are Required for Efficient Micturition in Anesthetized Female Mice. International Neurourology Journal, 2018, 22, 9-19.	0.5	2
30	Time course for urethral neuromuscular reestablishment and its facilitated recovery by transcutaneous neuromodulation after simulated birth trauma in rats. Scientific Reports, 2021, 11, 21591.	1.6	2
31	Unmasking roles of the peripheral endocannabinoid system associated with bladder overactivity. BJU International, 2016, 117, 713-714.	1.3	1
32	Solifenacin and Tamsulosin Combination Therapy Decreases Urine Nerve Growth Factor/Creatinine Levels in Men. Urology, 2016, 91, 150-153.	0.5	1
33	Voiding Dysfunction in Old Male Rats Associated With Enlarged Prostate and Irregular Afferent-Triggered Reflex Responses. International Neurourology Journal, 2020, 24, 258-269.	0.5	0