

Ana Charrua

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.

38
papers

898
citations

16
h-index

29
g-index

70
ext. papers

1,023
ext. citations

2.5
avg, IF

3.72
L-index

#	Paper	IF	Citations
38	Anandamide-evoked activation of vanilloid receptor 1 contributes to the development of bladder hyperreflexia and nociceptive transmission to spinal dorsal horn neurons in cystitis. <i>Journal of Neuroscience</i> , 2004 , 24, 11253-63	6.6	164
37	Transient receptor potential vanilloid subfamily 1 is essential for the generation of noxious bladder input and bladder overactivity in cystitis. <i>Journal of Urology</i> , 2007 , 177, 1537-41	2.5	95
36	GRC-6211, a new oral specific TRPV1 antagonist, decreases bladder overactivity and noxious bladder input in cystitis animal models. <i>Journal of Urology</i> , 2009 , 181, 379-86	2.5	78
35	Functional transient receptor potential vanilloid 1 is expressed in human urothelial cells. <i>Journal of Urology</i> , 2009 , 182, 2944-50	2.5	56
34	Intravesical resiniferatoxin decreases spinal c-fos expression and increases bladder volume to reflex micturition in rats with chronic inflamed urinary bladders. <i>BJU International</i> , 2004 , 94, 153-7	5.6	54
33	The distribution of sensory fibers immunoreactive for the TRPV1 (capsaicin) receptor in the human prostate. <i>European Urology</i> , 2005 , 48, 162-7	10.2	43
32	Insulin induces cobalt uptake in a subpopulation of rat cultured primary sensory neurons. <i>European Journal of Neuroscience</i> , 2003 , 18, 2477-86	3.5	40
31	Transient receptor potential channels in bladder function. <i>Acta Physiologica</i> , 2013 , 207, 110-22	5.6	34
30	Neurochemical characterization of insulin receptor-expressing primary sensory neurons in wild-type and vanilloid type 1 transient receptor potential receptor knockout mice. <i>Journal of Comparative Neurology</i> , 2007 , 503, 334-47	3.4	32
29	Intratriganal OnabotulinumtoxinA Improves Bladder Symptoms and Quality of Life in Patients with Bladder Pain Syndrome/Interstitial Cystitis: A Pilot, Single Center, Randomized, Double-Blind, Placebo Controlled Trial. <i>Journal of Urology</i> , 2018 , 199, 998-1003	2.5	28
28	Rat detrusor overactivity induced by chronic spinalization can be abolished by a transient receptor potential vanilloid 1 (TRPV1) antagonist. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2012 , 166, 35-8	2.4	26
27	Intrathecal delivery of resiniferatoxin (RTX) reduces detrusor overactivity and spinal expression of TRPV1 in spinal cord injured animals. <i>Experimental Neurology</i> , 2008 , 214, 301-8	5.7	26
26	Can the adrenergic system be implicated in the pathophysiology of bladder pain syndrome/interstitial cystitis? A clinical and experimental study. <i>Neurourology and Urodynamics</i> , 2015 , 34, 489-96	2.3	21
25	Transient receptor potential vanilloid 1 mediates nerve growth factor-induced bladder hyperactivity and noxious input. <i>BJU International</i> , 2012 , 110, E422-8	5.6	20
24	Brain-derived neurotrophic factor, acting at the spinal cord level, participates in bladder hyperactivity and referred pain during chronic bladder inflammation. <i>Neuroscience</i> , 2013 , 234, 88-102	3.9	20
23	Endovanilloid control of pain modulation by the rostroventromedial medulla in an animal model of diabetic neuropathy. <i>Neuropharmacology</i> , 2016 , 107, 49-57	5.5	19
22	The water avoidance stress induces bladder pain due to a prolonged alpha1A adrenoceptor stimulation. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2017 , 390, 839-844	3.4	16

21	Co-administration of transient receptor potential vanilloid 4 (TRPV4) and TRPV1 antagonists potentiate the effect of each drug in a rat model of cystitis. <i>BJU International</i> , 2015 , 115, 452-60	5.6	16
20	Cystitis is associated with TRPV1b-downregulation in rat dorsal root ganglia. <i>NeuroReport</i> , 2008 , 19, 1469-72	1.7	16
19	Expression of apoptosis-regulating genes in the rat prostate following botulinum toxin type A injection. <i>BMC Urology</i> , 2012 , 12, 1	2.2	11
18	Modulation of urinary bladder innervation: TRPV1 and botulinum toxin A. <i>Handbook of Experimental Pharmacology</i> , 2011 , 345-74	3.2	9
17	Sympathetic nervous system and chronic bladder pain: a new tune for an old song. <i>Translational Andrology and Urology</i> , 2015 , 4, 534-42	2.3	7
16	Understanding underactive bladder: a review of the contemporary literature. <i>Porto Biomedical Journal</i> , 2020 , 5, e070	1.1	7
15	Bladder pain induced by prolonged peripheral alpha 1A adrenoceptor stimulation involves the enhancement of transient receptor potential vanilloid 1 activity and an increase of urothelial adenosine triphosphate release. <i>Acta Physiologica</i> , 2016 , 218, 265-275	5.6	7
14	The Impact of Chronic Pelvic Ischemia on LUTS and Urinary Levels of Neuroinflammatory, Inflammatory, and Oxidative Stress Markers in Elderly Men: A Case-control Study. <i>Urology</i> , 2019 , 123, 230-234	1.6	7
13	Expression of cleaved SNAP-25 after bladder wall injection of onabotulinumtoxin A or abobotulinumtoxin A: A comparative study in the mice. <i>Neurourology and Urodynamics</i> , 2017 , 36, 86-90	2.3	6
12	TRPV1 Antagonists as Novel Anti-Diabetic Agents: Regulation of Oral Glucose Tolerance and Insulin Secretion Through Reduction of Low-Grade Inflammation?. <i>Medical Sciences (Basel, Switzerland)</i> , 2019 , 7,	3.3	6
11	Underactive bladder in aging rats is associated with a reduced number of serotonin-expressing cells in the urethra and is improved by serotonin application to the urethra. <i>LUTS: Lower Urinary Tract Symptoms</i> , 2019 , 11, 248-254	1.9	6
10	Effect of Water Avoidance Stress on serum and urinary NGF levels in rats: diagnostic and therapeutic implications for BPS/IC patients. <i>Scientific Reports</i> , 2019 , 9, 14113	4.9	4
9	365 TRPV1 and TRPV4 antagonists have synergistic effect for treating bladder overactivity in rats. <i>European Urology Supplements</i> , 2012 , 11, e365	0.9	4
8	Fatty acid amide hydrolase inhibition normalises bladder function and reduces pain through normalising the anandamide/palmitoylethanolamine ratio in the inflamed bladder of rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020 , 393, 263-272	3.4	3
7	Preclinical models of endometriosis and interstitial cystitis/bladder pain syndrome: an Innovative Medicines Initiative-PainCare initiative to improve their value for translational research in pelvic pain. <i>Pain</i> , 2021 , 162, 2349-2365	8	2
6	MP29-03 CHILDHOOD STRESSFUL EVENTS INDUCE CHRONIC BLADDER PAIN IN ADULTHOOD THROUGH A TRPV1 DEPENDENT MECHANISM. <i>Journal of Urology</i> , 2017 , 197,	2.5	1
5	Biomarkers for Bladder Pain Syndrome/Interstitial Cystitis. <i>Current Bladder Dysfunction Reports</i> , 2021 , 16, 12-18	0.4	1
4	DU Is Induced by Low Levels of Urinary ATP in a Rat Model of Partial Bladder Outlet Obstruction: The Incidence of Both Events Decreases after Deobstruction.. <i>Advances in Urology</i> , 2022 , 2022, 6292457	1.6	0

- 3 The Role of Urinary VEGF in Observational Studies of BPS/IC Patients: A Systematic Review. *Diagnostics*, **2022**, 12, 1037 3.8 ○
- 2 Intravesical Capsaicin and Resiniferatoxin for Bladder Disorders **2015**, 119-127
- 1 TRP Channels in the Genitourinary Tract. *Methods in Pharmacology and Toxicology*, **2012**, 373-395 1.1