Ana Charrua

List of Publications by Year
in descending order

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		430442	395343
58	1,151	18	33
papers	citations	h-index	g-index

70	70	70	901
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Anandamide-Evoked Activation of Vanilloid Receptor 1 Contributes to the Development of Bladder Hyperreflexia and Nociceptive Transmission to Spinal Dorsal Horn Neurons in Cystitis. Journal of Neuroscience, 2004, 24, 11253-11263.	1.7	182
2	Transient Receptor Potential Vanilloid Subfamily 1 is Essential for the Generation of Noxious Bladder Input and Bladder Overactivity in Cystitis. Journal of Urology, 2007, 177, 1537-1541.	0.2	108
3	GRC-6211, a New Oral Specific TRPV1 Antagonist, Decreases Bladder Overactivity and Noxious Bladder Input in Cystitis Animal Models. Journal of Urology, 2009, 181, 379-386.	0.2	91
4	Intravesical resiniferatoxin decreases spinal c-fos expression and increases bladder volume to reflex micturition in rats with chronic inflamed urinary bladders. BJU International, 2004, 94, 153-157.	1.3	63
5	Functional Transient Receptor Potential Vanilloid 1 is Expressed in Human Urothelial Cells. Journal of Urology, 2009, 182, 2944-2950.	0.2	61
6	The Distribution of Sensory Fibers Immunoreactive for the TRPV1 (Capsaicin) Receptor in the Human Prostate. European Urology, 2005, 48, 162-167.	0.9	50
7	Insulin induces cobalt uptake in a subpopulation of rat cultured primary sensory neurons. European Journal of Neuroscience, 2003, 18, 2477-2486.	1.2	49
8	Intratrigonal 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. Journal of Urology, 2018, 199, 998-1003.	0.2	44
9	Neurochemical characterization of insulin receptor-expressing primary sensory neurons in wild-type and vanilloid type 1 transient receptor potential receptor knockout mice. Journal of Comparative Neurology, 2007, 503, 334-347.	0.9	40
10	Transient receptor potential channels in bladder function. Acta Physiologica, 2013, 207, 110-122.	1.8	39
11	Intrathecal delivery of resiniferatoxin (RTX) reduces detrusor overactivity and spinal expression of TRPV1 in spinal cord injured animals. Experimental Neurology, 2008, 214, 301-308.	2.0	32
12	Rat detrusor overactivity induced by chronic spinalization can be abolished by a transient receptor potential vanilloid 1 (TRPV1) antagonist. Autonomic Neuroscience: Basic and Clinical, 2012, 166, 35-38.	1.4	31
13	Can the adrenergic system be implicated in the pathophysiology of bladder pain syndrome/interstitial cystitis? A clinical and experimental study. Neurourology and Urodynamics, 2015, 34, 489-496.	0.8	31
14	The water avoidance stress induces bladder pain due to a prolonged alpha1A adrenoceptor stimulation. Naunyn-Schmiedeberg's Archives of Pharmacology, 2017, 390, 839-844.	1.4	28
15	Transient receptor potential vanilloid 1 mediates nerve growth factorâ€induced bladder hyperactivity and noxious input. BJU International, 2012, 110, E422-8.	1.3	27
16	Coâ€administration of transient receptor potential vanilloid 4 (<scp>TRPV4</scp>) and <scp>TRPV1</scp> antagonists potentiate the effect of each drug in a rat model of cystitis. BJU International, 2015, 115, 452-460.	1.3	26
17	Brain-derived neurotrophic factor, acting at the spinal cord level, participates in bladder hyperactivity and referred pain during chronic bladder inflammation. Neuroscience, 2013, 234, 88-102.	1.1	24
18	Endovanilloid control of pain modulation by the rostroventromedial medulla in an animal model of diabetic neuropathy. Neuropharmacology, 2016, 107, 49-57.	2.0	24

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19	Cystitis is associated with TRPV1b-downregulation in rat dorsal root ganglia. NeuroReport, 2008, 19, 1469-1472.	0.6	18
20	Understanding underactive bladder: a review of the contemporary literature. Porto Biomedical Journal, 2020, 5, e070.	0.4	18
21	Expression of apoptosis-regulating genes in the rat prostate following botulinum toxin type a injection. BMC Urology, 2012, 12, 1.	0.6	16
22	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. Urology, 2019, 123, 230-234.	0.5	15
23	Effect of Water Avoidance Stress on serum and urinary NGF levels in rats: diagnostic and therapeutic implications for BPS/IC patients. Scientific Reports, 2019, 9, 14113.	1.6	14
24	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. Pain, 2021, 162, 2349-2365.	2.0	14
25	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. Acta Physiologica, 2016, 218, 265-275.	1.8	13
26	Fatty acid amide hydrolase inhibition normalises bladder function and reduces pain through normalising the anandamide/palmitoylethanolamine ratio in the inflamed bladder of rats. Naunyn-Schmiedeberg's Archives of Pharmacology, 2020, 393, 263-272.	1.4	12
27	TRPV1 Antagonists as Novel Anti-Diabetic Agents: Regulation of Oral Glucose Tolerance and Insulin Secretion Through Reduction of Low-Grade Inflammation?. Medical Sciences (Basel, Switzerland), 2019, 7, 82.	1.3	11
28	Expression of cleaved SNAPâ€25 after bladder wall injection of onabotulinumtoxina or abobotulinumtoxina: A comparative study in the mice. Neurourology and Urodynamics, 2017, 36, 86-90.	0.8	9
29	Underactive bladder in aging rats is associated with a reduced number of serotoninâ€expressing cells in the urethra and is improved by serotonin application to the urethra. LUTS: Lower Urinary Tract Symptoms, 2019, 11, 248-254.	0.6	9
30	Modulation of Urinary Bladder Innervation: TRPV1 and Botulinum Toxin A. Handbook of Experimental Pharmacology, 2011, , 345-374.	0.9	9
31	Sympathetic nervous system and chronic bladder pain: a new tune for an old song. Translational Andrology and Urology, 2015, 4, 534-42.	0.6	9
32	365 TRPV1 and TRPV4 antagonists have synergistic effect for treating bladder overactivity in rats. European Urology Supplements, 2012, 11, e365.	0.1	5
33	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. Advances in Urology, 2022, 2022, 1-6.	0.6	4
34	Biomarkers for Bladder Pain Syndrome/Interstitial Cystitis. Current Bladder Dysfunction Reports, 2021, 16, 12-18.	0.2	3
35	MP29-03 CHILDHOOD STRESSFUL EVENTS INDUCE CHRONIC BLADDER PAIN IN ADULTHOOD THROUGH A TRPV1 DEPENDENT MECHANISM. Journal of Urology, 2017, 197, .	0.2	2
36	The Role of Urinary VEGF in Observational Studies of BPS/IC Patients: A Systematic Review. Diagnostics, 2022, 12, 1037.	1.3	2

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37	Myogenic Underactive Bladder and Heart Failure Resemblance: A Novel Role for SGLT2 Inhibition?. European Urology Focus, 2022, 8, 1783-1786.	1.6	2
38	61 TRPV1 IN HUMAN UROTHELIAL CELLS IS FUNCTIONAL AND ITS EXPRESSION IS UP-REGULATED BY INFLAMMATORY MEDIATORS. European Urology Supplements, 2007, 6, 38.	0.1	1
39	118 NGF-INDUCE DETRUSOR OVERACTIVITY IS TRPV1 DEPENDENT. European Urology Supplements, 2010, 9, 69.	0.1	1
40	629 EXPRESSION OF APOPTOSIS-REGULATING GENES IN THE RAT PROSTATE AFTER BONT/A INJECTION. European Urology Supplements, 2010, 9, 209.	0.1	1
41	366 TRPV1 and TRPV4 expression in bladder neurons during normal condition and during cystitis. European Urology Supplements, 2012, 11, e366.	0.1	1
42	Detrusor underactivity (DU) caused by bladder outlet obstruction (BOO) is associated with an early impairment of the bladder sensory mechanism. European Urology Supplements, 2018, 17, e628-e629.	0.1	1
43	TRPV1 in GU Disorders~!2009-12-24~!2010-02-25~!2010-07-26~!. The Open Drug Discovery Journal, 2010, 2, 50-54.	0.8	1
44	THE ORAL TRPV1 ANTAGONIST GRC 6211 REDUCES BLADDER OVERACTIVITY AND NOXIOUS BLADDER INPUT IN CYSTITIS. Journal of Urology, 2008, 179, 539-539.	0.2	0
45	813 INCREASED SYMPATHETIC ACTIVITY ENHANCES BLADDER HYPERACTIVITY AND TRIGGERS BLADDER PAIN. Journal of Urology, 2011, 185, .	0.2	0
46	974 AUTONOMIC SYMPATHETIC NERVOUS SYSTEM ACTIVITY IS ENHANCED DURING CHRONIC INFLAMMATION AND CONTRIBUTES TO BLADDER HYPERACTIVITY AND PAIN. European Urology Supplements, 2011, 10, 304.	0.1	0
47	TRP Channels in the Genitourinary Tract. Methods in Pharmacology and Toxicology, 2012, , 373-395.	0.1	0
48	372 FAAH inhibition reverses bladder hyperactivity and pain induced by cystitis through a CB1 dependent mechanism. European Urology Supplements, 2014, 13, e372.	0.1	0
49	Intravesical Capsaicin and Resiniferatoxin for Bladder Disorders. , 2015, , 119-127.		0
50	PD01-04 STRESS INDUCED VISCERAL PAIN IS MEDIATED BY ALPHA 1A ADRENOCEPTORS. Journal of Urology, 2017, 197, .	0.2	0
51	Which mechanism account for chronic bladder pain that develops later in life in individuals who suffer stressful events during infancy and adolescence?. European Urology Supplements, 2018, 17, e834.	0.1	0
52	PD19-04 BLADDER SENSORY MECHANISM EARLY IMPAIRMENT INDUCES DETRUSOR UNDERACTIVITY (DU) FOLLOWING BLADDER OUTLET OBSTRUCTION (BOO). Journal of Urology, 2018, 199, .	0.2	0
53	Urothelial ATP is implicated in the appearance of detrusor underactivity (DU) early after bladder outlet obstruction (BOO) and in the recovery of detrusor function after obstruction relief. European Urology Supplements, 2019, 18, e704.	0.1	0
54	Urinary levels of the soluble form of VEGFR1, a putative biomarker and therapeutic target for BPS/IC. European Urology Open Science, 2020, 19, e492.	0.2	0

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55	Should detrusor under activity preclude the decision of a prostatic de-obstructive surgery in men with chronic urinary retention?. European Urology Open Science, 2020, 19, e1460.	0.2	0
56	FAAH Inhibitor Improves Function of Inflamed Bladders by Modulation of Anandamide and Palmitoylethanolamide. Acta UrolÃ³gica Portuguesa, 2017, 34, 21-28.	0.1	0
57	MP62-10â€ƒEVIDENCE OF THE INVOLVEMENT OF TRK A-ALPHA 1A ADRENOCEPTORS IN THE MECHANISMS OF BLADDER PAIN INDUCED BY CHRONIC STRESS. Journal of Urology, 2019, 201, .	0.2	0
58	MP07-10â€ƒSOLUBLE FORM OF VEGFR1 AS A PUTATIVE BIOMARKER AND THERAPEUTIC TARGET FOR BPS/IC. Journal of Urology, 2020, 203, e99-e100.	0.2	0