

Cã©lia Duarte Cruz

List of Publications by Year in descending order

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Version: 2024-02-01

74
papers

2,284
citations

201674

27
h-index

214800

47
g-index

85
all docs

85
docs citations

85
times ranked

1902
citing authors

#	ARTICLE	IF	CITATIONS
1	Vanilloid receptor 1 expression in the rat urinary tract. <i>Neuroscience</i> , 2002, 109, 787-798.	2.3	220
2	Trigonal Injection of Botulinum Toxin A in Patients with Refractory Bladder Pain Syndrome/Interstitial Cystitis. <i>European Urology</i> , 2010, 58, 360-365.	1.9	169
3	Nerve growth factor in bladder dysfunction: Contributing factor, biomarker, and therapeutic target. <i>Neurourology and Urodynamics</i> , 2011, 30, 1227-1241.	1.5	115
4	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, 1537-1541.	0.4	108
5	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, 379-386.	0.4	91
6	Distribution of the High-Affinity Binding Site and Intracellular Target of Botulinum Toxin Type A in the Human Bladder. <i>European Urology</i> , 2010, 57, 884-890.	1.9	89
7	Neurotrophins as regulators of urinary bladder function. <i>Nature Reviews Urology</i> , 2012, 9, 628-637.	3.8	78
8	Inhibition of ERK phosphorylation decreases nociceptive behaviour in monoarthritic rats. <i>Pain</i> , 2005, 116, 411-419.	4.2	74
9	The ERK 1 and 2 Pathway in the Nervous System: From Basic Aspects to Possible Clinical Applications in Pain and Visceral Dysfunction. <i>Current Neuropharmacology</i> , 2007, 5, 244-252.	2.9	73
10	Spread of OnabotulinumtoxinA After Bladder Injection. Experimental Study Using the Distribution of Cleaved SNAP-25 as the Marker of the Toxin Action. <i>European Urology</i> , 2012, 61, 1178-1184.	1.9	72
11	Urinary Neurotrophic Factors in Healthy Individuals and Patients with Overactive Bladder. <i>Journal of Urology</i> , 2013, 189, 359-365.	0.4	68
12	Minocycline completely reverses mechanical hyperalgesia in diabetic rats through microglia-induced changes in the expression of the potassium chloride co-transporter 2 (KCC2) at the spinal cord. <i>Diabetes, Obesity and Metabolism</i> , 2011, 13, 150-159.	4.4	65
13	Neurotrophins in bladder function: What do we know and where do we go from here?. <i>Neurourology and Urodynamics</i> , 2014, 33, 39-45.	1.5	58
14	Increased spinal cord phosphorylation of extracellular signal-regulated kinases mediates micturition overactivity in rats with chronic bladder inflammation. <i>European Journal of Neuroscience</i> , 2005, 21, 773-781.	2.6	54
15	Spinal Cord Injury and Bladder Dysfunction: New Ideas about an Old Problem. <i>Scientific World Journal</i> , The, 2011, 11, 214-234.	2.1	54
16	Biomarkers in Overactive Bladder: A New Objective and Noninvasive Tool?. <i>Advances in Urology</i> , 2011, 2011, 1-7.	1.3	50
17	Ulcerative and Nonulcerative Forms of Bladder Pain Syndrome/Interstitial Cystitis Do Not Differ in Symptom Intensity or Response to Onabotulinum Toxin A. <i>Urology</i> , 2014, 83, 1030-1034.	1.0	50
18	Sequestration of brain derived nerve factor by intravenous delivery of TrkB-Ig2 reduces bladder overactivity and noxious input in animals with chronic cystitis. <i>Neuroscience</i> , 2010, 166, 907-916.	2.3	41

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19	Transient receptor potential channels in bladder function. <i>Acta Physiologica</i> , 2013, 207, 110-122.	3.8	39
20	The Role of Brain-Derived Neurotrophic Factor (BDNF) in the Development of Neurogenic Detrusor Overactivity (NDO). <i>Journal of Neuroscience</i> , 2015, 35, 2146-2160.	3.6	38
21	Intrathecal administration of botulinum toxin type A improves urinary bladder function and reduces pain in rats with cystitis. <i>European Journal of Pain</i> , 2014, 18, 1480-1489.	2.8	36
22	Intrathecal delivery of resiniferatoxin (RTX) reduces detrusor overactivity and spinal expression of TRPV1 in spinal cord injured animals. <i>Experimental Neurology</i> , 2008, 214, 301-308.	4.1	32
23	Urinary bladder inflammation induces changes in urothelial nerve growth factor and TRPV1 channels. <i>British Journal of Pharmacology</i> , 2015, 172, 1691-1699.	5.4	32
24	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, 35-38.	2.8	31
25	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, 489-496.	1.5	31
26	Biomarkers of spinal cord injury and ensuing bladder dysfunction. <i>Advanced Drug Delivery Reviews</i> , 2015, 82-83, 153-159.	13.7	31
27	Effect of OnabotulinumtoxinA on Intramural Parasympathetic Ganglia: An Experimental Study in the Guinea Pig Bladder. <i>Journal of Urology</i> , 2012, 187, 1121-1126.	0.4	30
28	Partners in Crime: NGF and BDNF in Visceral Dysfunction. <i>Current Neuropharmacology</i> , 2019, 17, 1021-1038.	2.9	29
29	Increased extracellular signal regulated kinases phosphorylation in the adrenal gland in response to chronic ACTH treatment. <i>Journal of Endocrinology</i> , 2007, 192, 647-658.	2.6	27
30	Transient receptor potential vanilloid 1 mediates nerve growth factor-induced bladder hyperactivity and noxious input. <i>BJU International</i> , 2012, 110, E422-8.	2.5	27
31	Spinal ERK activation contributes to the regulation of bladder function in spinal cord injured rats. <i>Experimental Neurology</i> , 2006, 200, 66-73.	4.1	26
32	The activation of the ERK pathway contributes to the spinal c-fos expression observed after noxious bladder stimulation. <i>Somatosensory & Motor Research</i> , 2007, 24, 15-20.	0.9	26
33	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, 452-460.	2.5	26
34	Rewired glycosylation activity promotes scarless regeneration and functional recovery in spiny mice after complete spinal cord transection. <i>Developmental Cell</i> , 2022, 57, 440-450.e7.	7.0	26
35	Biomarkers in lower urinary tract symptoms/overactive bladder. <i>Current Opinion in Urology</i> , 2014, 24, 352-357.	1.8	25
36	Nerve growth factor regulates galanin and c-jun overexpression occurring in dorsal root ganglion cells after intravesical resiniferatoxin application. <i>Brain Research</i> , 2002, 951, 264-269.	2.2	24

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37	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.	2.3	24
38	Impairment of sensory afferents by intrathecal administration of botulinum toxin A improves neurogenic detrusor overactivity in chronic spinal cord injured rats. <i>Experimental Neurology</i> , 2016, 285, 159-166.	4.1	22
39	Chronic Pain After Spinal Cord Injury: Is There a Role for Neuron-Immune Dysregulation?. <i>Frontiers in Physiology</i> , 2020, 11, 748.	2.8	20
40	TASCIâ€”transcutaneous tibial nerve stimulation in patients with acute spinal cord injury to prevent neurogenic detrusor overactivity: protocol for a nationwide, randomised, sham-controlled, double-blind clinical trial. <i>BMJ Open</i> , 2020, 10, e039164.	1.9	18
41	Neurotrophins in the Lower Urinary Tract: Becoming of Age. <i>Current Neuropharmacology</i> , 2011, 9, 553-558.	2.9	16
42	Evidence for an urethroâ€vesical crosstalk mediated by serotonin. <i>Neurourology and Urodynamics</i> , 2018, 37, 2389-2397.	1.5	14
43	ACTH Modulates ERK Phosphorylation in the Adrenal Gland in a Timeâ€Dependent Manner. <i>Endocrine Research</i> , 2004, 30, 661-666.	1.2	13
44	Effects of early intravesical administration of resiniferatoxin to spinal cordâ€injured rats in neurogenic detrusor overactivity. <i>Neurourology and Urodynamics</i> , 2019, 38, 1540-1550.	1.5	11
45	Peripherally administered melanocortins induce mice fat browning and prevent obesity. <i>International Journal of Obesity</i> , 2019, 43, 1058-1069.	3.4	9
46	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. <i>LUTS: Lower Urinary Tract Symptoms</i> , 2019, 11, 248-254.	1.3	9
47	Severe burn injury induces a characteristic activation of extracellular signalâ€regulated kinase 1/2 in spinal dorsal horn neurons. <i>European Journal of Pain</i> , 2011, 15, 683-690.	2.8	8
48	Urinary Neurotrophin Levels Increase in Women With Stress Urinary Incontinence After a Midurethral Sling Procedure. <i>Urology</i> , 2017, 99, 49-56.	1.0	7
49	365 TRPV1 and TRPV4 antagonists have synergistic effect for treating bladder overactivity in rats. <i>European Urology Supplements</i> , 2012, 11, e365.	0.1	5
50	223 DISTRIBUTION AND NEUROCHEMISTRY OF HIGH AFFINITY BINDING SITES FOR BOTULINUM TOXIN TYPE A IN THE URINARY BLADDER. <i>European Urology Supplements</i> , 2009, 8, 176.	0.1	4
51	Biomarkers for Bladder Pain Syndrome/Interstitial Cystitis. <i>Current Bladder Dysfunction Reports</i> , 2021, 16, 12-18.	0.5	3
52	The urethra in continence and sensation: Neural aspects of urethral function. <i>Neurourology and Urodynamics</i> , 2021, 40, 744-752.	1.5	3
53	191 EFFECT OF BOTULINUM TOXIN TYPE A ON INTRAMURAL PARASYMPATHETIC GANGLIA OF THE GUINEA-PIG BLADDER. <i>Journal of Urology</i> , 2010, 183, .	0.4	2
54	1677 INTRA-TRIGONAL INJECTION OF BOTULINUM TOXIN A IN PATIENTS WITH REFRACTORY BLADDER PAIN SYNDROME DECREASES URINARY NEUROTROPHINS AND IMPROVES LOWER URINARY TRACT SYMPTOMS. <i>Journal of Urology</i> , 2010, 183, .	0.4	1

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55	85 BOTULINUM TOXIN TYPE A ACTS ON BLADDER INTRAMURAL PARASYMPATHETIC GANGLIA. AN EXPERIMENTAL STUDY IN THE GUINEA-PIG. <i>European Urology Supplements</i> , 2010, 9, 59.	0.1	1
56	1952 URINARY NEUROTROPHINS – POTENTIAL BIOMARKERS OF OVERACTIVE BLADDER. <i>Journal of Urology</i> , 2011, 185, .	0.4	1
57	817 URINARY NEUROTROPHIC FACTORS IN BLADDER PAIN SYNDROME/INTERSTITIAL CYSTITIS. <i>Journal of Urology</i> , 2012, 187, .	0.4	1
58	366 TRPV1 and TRPV4 expression in bladder neurons during normal condition and during cystitis. <i>European Urology Supplements</i> , 2012, 11, e366.	0.1	1
59	993 High urinary levels of nerve growth factor and brain-derived neurotrophic factor in women with overactive bladder syndrome normalize after lifestyle intervention and antimuscarinic therapy. <i>European Urology Supplements</i> , 2012, 11, e993-e993a.	0.1	1
60	MP76-06 URINARY NEUROTROPHINS AND QMAX VARIATION MAY PREDICT DE NOVO URGENCY IN SUI PATIENTS AFTER A MIDURETHRAL SLING (MUS) SURGERY. <i>Journal of Urology</i> , 2014, 191, .	0.4	1
61	THE ORAL TRPV1 ANTAGONIST GRC 6211 REDUCES BLADDER OVERACTIVITY AND NOXIOUS BLADDER INPUT IN CYSTITIS. <i>Journal of Urology</i> , 2008, 179, 539-539.	0.4	0
62	258 DISTRIBUTION AND NEUROCHEMISTRY OF BOTULINUM TOXIN TYPE A RECEPTORS IN THE URINARY BLADDER. <i>European Journal of Pain</i> , 2009, 13, S81b.	2.8	0
63	652 CHEMICAL NEUROMODULATION IN PATIENTS WITH BLADDER PAIN SYNDROME (BPS). <i>European Journal of Pain</i> , 2009, 13, S189.	2.8	0
64	653 INTRATHECAL BLOCKADE OF NGF DECREASES REFERRED PAIN IN RATS MODEL OF CHRONIC BLADDER INFLAMMATION. <i>European Journal of Pain</i> , 2009, 13, S189a.	2.8	0
65	654 INTRATHECAL BDNF SEQUESTRATION REDUCES REFERRED PAIN AND BLADDER OVERACTIVITY IN AN ANIMAL MODEL OF CHRONIC BLADDER INFLAMMATION. <i>European Journal of Pain</i> , 2009, 13, S189b.	2.8	0
66	603 SEQUESTRATION OF BDNF WITH A RECOMBINANT PROTEIN IMPROVES BLADDER FUNCTION IN RATS WITH CHRONIC BLADDER INFLAMMATION. <i>European Urology Supplements</i> , 2009, 8, 271.	0.1	0
67	HIGH AFFINITY BINDING SITES FOR BOTULINUM TOXIN TYPE A IN THE URINARY BLADDER: DISTRIBUTION AND NEUROCHEMISTRY. <i>Journal of Urology</i> , 2009, 181, 149-150.	0.4	0
68	813 INCREASED SYMPATHETIC ACTIVITY ENHANCES BLADDER HYPERACTIVITY AND TRIGGERS BLADDER PAIN. <i>Journal of Urology</i> , 2011, 185, .	0.4	0
69	974 AUTONOMIC SYMPATHETIC NERVOUS SYSTEM ACTIVITY IS ENHANCED DURING CHRONIC INFLAMMATION AND CONTRIBUTES TO BLADDER HYPERACTIVITY AND PAIN. <i>European Urology Supplements</i> , 2011, 10, 304.	0.1	0
70	Editorial [Hot Topic: An Update on Neurotrophins (Guest Editor: Celia Duarte Cruz)]. <i>Current Neuropharmacology</i> , 2011, 9, 522-522.	2.9	0
71	Animal Models of Cystitis. <i>Methods in Pharmacology and Toxicology</i> , 2012, , 397-409.	0.2	0
72	1968 THE ROLE OF URINARY NEUROTROPHIC FACTORS IN OVERACTIVE BLADDER SYNDROME. <i>Journal of Urology</i> , 2012, 187, .	0.4	0

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73	Author Reply. Urology, 2017, 99, 55-56.	1.0	0
74	MP42-06 EXPRESSION AND FUNCTION OF SEROTONIN PARANEURONAL CELLS IN THE URETHRAL EPITHELIUM OF HUMAN AND RODENTS. Journal of Urology, 2017, 197, .	0.4	0