

# Clia Duarte Cruz

## 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.

61 papers	1,870 citations	26 h-index	42 g-index
85 ext. papers	2,086 ext. citations	3.6 avg, IF	4.72 L-index

#	Paper	IF	Citations
61	Vanilloid receptor 1 expression in the rat urinary tract. <i>Neuroscience</i> , <b>2002</b> , 109, 787-98	3.9	201
60	Trigonal injection of botulinum toxin A in patients with refractory bladder pain syndrome/interstitial cystitis. <i>European Urology</i> , <b>2010</b> , 58, 360-5	10.2	141
59	Nerve growth factor in bladder dysfunction: contributing factor, biomarker, and therapeutic target. <i>Neurourology and Urodynamics</i> , <b>2011</b> , 30, 1227-41	2.3	96
58	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> , <b>2007</b> , 177, 1537-41	2.5	95
57	GRC-6211, a new oral specific TRPV1 antagonist, decreases bladder overactivity and noxious bladder input in cystitis animal models. <i>Journal of Urology</i> , <b>2009</b> , 181, 379-86	2.5	78
56	Distribution of the high-affinity binding site and intracellular target of botulinum toxin type A in the human bladder. <i>European Urology</i> , <b>2010</b> , 57, 884-90	10.2	70
55	Inhibition of ERK phosphorylation decreases nociceptive behaviour in monoarthritic rats. <i>Pain</i> , <b>2005</b> , 116, 411-419	8	69
54	Neurotrophins as regulators of urinary bladder function. <i>Nature Reviews Urology</i> , <b>2012</b> , 9, 628-37	5.5	64
53	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> , <b>2011</b> , 13, 150-9	6.7	61
52	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> , <b>2007</b> , 5, 244-52	7.6	61
51	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> , <b>2012</b> , 61, 1178-84	10.2	57
50	Urinary neurotrophic factors in healthy individuals and patients with overactive bladder. <i>Journal of Urology</i> , <b>2013</b> , 189, 359-65	2.5	55
49	Increased spinal cord phosphorylation of extracellular signal-regulated kinases mediates micturition overactivity in rats with chronic bladder inflammation. <i>European Journal of Neuroscience</i> , <b>2005</b> , 21, 773-81	3.5	53
48	Neurotrophins in bladder function: what do we know and where do we go from here?. <i>Neurourology and Urodynamics</i> , <b>2014</b> , 33, 39-45	2.3	48
47	Spinal cord injury and bladder dysfunction: new ideas about an old problem. <i>Scientific World Journal, The</i> , <b>2011</b> , 11, 214-34	2.2	48
46	Biomarkers in overactive bladder: a new objective and noninvasive tool?. <i>Advances in Urology</i> , <b>2011</b> , 2011, 382431	1.6	45
45	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> , <b>2014</b> , 83, 1030-4	1.6	36

44	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> , <b>2010</b> , 166, 907-16	3.9	36
43	Transient receptor potential channels in bladder function. <i>Acta Physiologica</i> , <b>2013</b> , 207, 110-22	5.6	34
42	The role of brain-derived neurotrophic factor (BDNF) in the development of neurogenic detrusor overactivity (NDO). <i>Journal of Neuroscience</i> , <b>2015</b> , 35, 2146-60	6.6	30
41	Intrathecal administration of botulinum toxin type A improves urinary bladder function and reduces pain in rats with cystitis. <i>European Journal of Pain</i> , <b>2014</b> , 18, 1480-9	3.7	29
40	Urinary bladder inflammation induces changes in urothelial nerve growth factor and TRPV1 channels. <i>British Journal of Pharmacology</i> , <b>2015</b> , 172, 1691-9	8.6	27
39	Biomarkers of spinal cord injury and ensuing bladder dysfunction. <i>Advanced Drug Delivery Reviews</i> , <b>2015</b> , 82-83, 153-9	18.5	26
38	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> , <b>2012</b> , 166, 35-8	2.4	26
37	Intrathecal delivery of resiniferatoxin (RTX) reduces detrusor overactivity and spinal expression of TRPV1 in spinal cord injured animals. <i>Experimental Neurology</i> , <b>2008</b> , 214, 301-8	5.7	26
36	The activation of the ERK pathway contributes to the spinal c-fos expression observed after noxious bladder stimulation. <i>Somatosensory &amp; Motor Research</i> , <b>2007</b> , 24, 15-20	1.2	26
35	Effect of onabotulinumtoxinA on intramural parasympathetic ganglia: an experimental study in the guinea pig bladder. <i>Journal of Urology</i> , <b>2012</b> , 187, 1121-6	2.5	24
34	Increased extracellular signal regulated kinases phosphorylation in the adrenal gland in response to chronic ACTH treatment. <i>Journal of Endocrinology</i> , <b>2007</b> , 192, 647-58	4.7	22
33	Spinal ERK activation contributes to the regulation of bladder function in spinal cord injured rats. <i>Experimental Neurology</i> , <b>2006</b> , 200, 66-73	5.7	22
32	Nerve growth factor regulates galanin and c-jun overexpression occurring in dorsal root ganglion cells after intravesical resiniferatoxin application. <i>Brain Research</i> , <b>2002</b> , 951, 264-9	3.7	22
31	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> , <b>2015</b> , 34, 489-96	2.3	21
30	Transient receptor potential vanilloid 1 mediates nerve growth factor-induced bladder hyperactivity and noxious input. <i>BJU International</i> , <b>2012</b> , 110, E422-8	5.6	20
29	Brain-derived neurotrophic factor, acting at the spinal cord level, participates in bladder hyperactivity and referred pain during chronic bladder inflammation. <i>Neuroscience</i> , <b>2013</b> , 234, 88-102	3.9	20
28	Biomarkers in lower urinary tract symptoms/overactive bladder: a critical overview. <i>Current Opinion in Urology</i> , <b>2014</b> , 24, 352-7	2.8	19
27	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> , <b>2016</b> , 285, 159-166	5.7	17

26	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> , <b>2015</b> , 115, 452-60	5.6	16
25	Partners in Crime: NGF and BDNF in Visceral Dysfunction. <i>Current Neuropharmacology</i> , <b>2019</b> , 17, 1021-1038	7.3	16
24	Neurotrophins in the lower urinary tract: becoming of age. <i>Current Neuropharmacology</i> , <b>2011</b> , 9, 553-8	7.6	12
23	ACTH modulates ERK phosphorylation in the adrenal gland in a time-dependent manner. <i>Endocrine Research</i> , <b>2004</b> , 30, 661-6	1.9	12
22	Evidence for an urethro-vesical crosstalk mediated by serotonin. <i>Neurourology and Urodynamics</i> , <b>2018</b> , 37, 2389-2397	2.3	11
21	Chronic Pain After Spinal Cord Injury: Is There a Role for Neuron-Immune Dysregulation?. <i>Frontiers in Physiology</i> , <b>2020</b> , 11, 748	4.6	6
20	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> , <b>2019</b> , 11, 248-254	1.9	6
19	Severe burn injury induces a characteristic activation of extracellular signal-regulated kinase 1/2 in spinal dorsal horn neurons. <i>European Journal of Pain</i> , <b>2011</b> , 15, 683-90	3.7	6
18	TASCI-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> , <b>2020</b> , 10, e039164	3	6
17	Effects of early intravesical administration of resiniferatoxin to spinal cord-injured rats in neurogenic detrusor overactivity. <i>Neurourology and Urodynamics</i> , <b>2019</b> , 38, 1540-1550	2.3	5
16	Peripherally administered melanocortins induce mice fat browning and prevent obesity. <i>International Journal of Obesity</i> , <b>2019</b> , 43, 1058-1069	5.5	5
15	Urinary Neurotrophin Levels Increase in Women With Stress Urinary Incontinence After a Midurethral Sling Procedure. <i>Urology</i> , <b>2017</b> , 99, 49-56	1.6	5
14	365 TRPV1 and TRPV4 antagonists have synergistic effect for treating bladder overactivity in rats. <i>European Urology Supplements</i> , <b>2012</b> , 11, e365	0.9	4
13	223 DISTRIBUTION AND NEUROCHEMISTRY OF HIGH AFFINITY BINDING SITES FOR BOTULINUM TOXIN TYPE A IN THE URINARY BLADDER. <i>European Urology Supplements</i> , <b>2009</b> , 8, 176	0.9	4
12	Rewired glycosylation activity promotes scarless regeneration and functional recovery in spiny mice after complete spinal cord transection.. <i>Developmental Cell</i> , <b>2021</b> ,	10.2	3
11	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> , <b>2014</b> , 191,	2.5	1
10	817 URINARY NEUROTROPHIC FACTORS IN BLADDER PAIN SYNDROME/INTERSTITIAL CYSTITIS. <i>Journal of Urology</i> , <b>2012</b> , 187,	2.5	1
9	191 EFFECT OF BOTULINUM TOXIN TYPE A ON INTRAMURAL PARASYMPATHETIC GANGLIA OF THE GUINEA-PIG BLADDER. <i>Journal of Urology</i> , <b>2010</b> , 183,	2.5	1

8	Biomarkers for Bladder Pain Syndrome/Interstitial Cystitis. <i>Current Bladder Dysfunction Reports</i> , <b>2021</b> , 16, 12-18	0.4	1
7	The urethra in continence and sensation: Neural aspects of urethral function. <i>Neurourology and Urodynamics</i> , <b>2021</b> , 40, 744-752	2.3	1
6	Author Reply. <i>Urology</i> , <b>2017</b> , 99, 55-56	1.6	
5	Animal Models of Cystitis. <i>Methods in Pharmacology and Toxicology</i> , <b>2012</b> , 397-409	1.1	
4	258 DISTRIBUTION AND NEUROCHEMISTRY OF BOTULINUM TOXIN TYPE A RECEPTORS IN THE URINARY BLADDER. <i>European Journal of Pain</i> , <b>2009</b> , 13, S81b	3.7	
3	652 CHEMICAL NEUROMODULATION IN PATIENTS WITH BLADDER PAIN SYNDROME (BPS). <i>European Journal of Pain</i> , <b>2009</b> , 13, S189	3.7	
2	653 INTRATHECAL BLOCKADE OF NGF DECREASES REFERRED PAIN IN RATS MODEL OF CHRONIC BLADDER INFLAMMATION. <i>European Journal of Pain</i> , <b>2009</b> , 13, S189a	3.7	
1	654 INTRATHECAL BDNF SEQUESTRATION REDUCES REFERRED PAIN AND BLADDER OVERACTIVITY IN AN ANIMAL MODEL OF CHRONIC BLADDER INFLAMMATION. <i>European Journal of Pain</i> , <b>2009</b> , 13, S189b	3.7	