

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 | 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 |
| 2 | Biomarkers for Bladder Pain Syndrome/Interstitial Cystitis. <i>Current Bladder Dysfunction Reports</i> , 2021, 16, 12-18. | 0.5 | 3 |
| 3 | The urethra in continence and sensation: Neural aspects of urethral function. <i>Neurourology and Urodynamics</i> , 2021, 40, 744-752. | 1.5 | 3 |
| 4 | 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 |
| 5 | 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 |
| 6 | Peripherally administered melanocortins induce mice fat browning and prevent obesity. <i>International Journal of Obesity</i> , 2019, 43, 1058-1069. | 3.4 | 9 |
| 7 | 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 |
| 8 | 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 |
| 9 | Partners in Crime: NGF and BDNF in Visceral Dysfunction. <i>Current Neuropharmacology</i> , 2019, 17, 1021-1038. | 2.9 | 29 |
| 10 | Evidence for an urethroâ€”vesical crosstalk mediated by serotonin. <i>Neurourology and Urodynamics</i> , 2018, 37, 2389-2397. | 1.5 | 14 |
| 11 | Author Reply. <i>Urology</i> , 2017, 99, 55-56. | 1.0 | 0 |
| 12 | MP42-06 EXPRESSION AND FUNCTION OF SEROTONIN PARANEURONAL CELLS IN THE URETHRAL EPITHELIUM OF HUMAN AND RODENTS. <i>Journal of Urology</i> , 2017, 197, . | 0.4 | 0 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | Coâ€”administration of transient receptor potential vanilloid 4 (<sc>TRPV4</sc>) and <sc>TRPV1</sc> antagonists potentiate the effect of each drug in a rat model of cystitis. <i>BJU International</i> , 2015, 115, 452-460. | 2.5 | 26 |
| 17 | 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 |
| 18 | Urinary bladder inflammation induces changes in urothelial nerve growth factor and <sc>TRPV</sc>1 channels. <i>British Journal of Pharmacology</i> , 2015, 172, 1691-1699. | 5.4 | 32 |

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|----|---|------|-----------|
| 19 | Biomarkers of spinal cord injury and ensuing bladder dysfunction. <i>Advanced Drug Delivery Reviews</i> , 2015, 82-83, 153-159. | 13.7 | 31 |
| 20 | 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 |
| 21 | Biomarkers in lower urinary tract symptoms/overactive bladder. <i>Current Opinion in Urology</i> , 2014, 24, 352-357. | 1.8 | 25 |
| 22 | 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 |
| 23 | 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 |
| 24 | 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 |
| 25 | 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 |
| 26 | Transient receptor potential channels in bladder function. <i>Acta Physiologica</i> , 2013, 207, 110-122. | 3.8 | 39 |
| 27 | Urinary Neurotrophic Factors in Healthy Individuals and Patients with Overactive Bladder. <i>Journal of Urology</i> , 2013, 189, 359-365. | 0.4 | 68 |
| 28 | Animal Models of Cystitis. <i>Methods in Pharmacology and Toxicology</i> , 2012, , 397-409. | 0.2 | 0 |
| 29 | 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 |
| 30 | 817 URINARY NEUROTROPHIC FACTORS IN BLADDER PAIN SYNDROME/INTERSTITIAL CYSTITIS. <i>Journal of Urology</i> , 2012, 187, . | 0.4 | 1 |
| 31 | 1968 THE ROLE OF URINARY NEUROTROPHIC FACTORS IN OVERACTIVE BLADDER SYNDROME. <i>Journal of Urology</i> , 2012, 187, . | 0.4 | 0 |
| 32 | 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 |
| 33 | Neurotrophins as regulators of urinary bladder function. <i>Nature Reviews Urology</i> , 2012, 9, 628-637. | 3.8 | 78 |
| 34 | 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 |
| 35 | 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 |
| 36 | 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 |

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|----|---|-----|-----------|
| 37 | 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 |
| 38 | 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 |
| 39 | 813 INCREASED SYMPATHETIC ACTIVITY ENHANCES BLADDER HYPERACTIVITY AND TRIGGERS BLADDER PAIN. <i>Journal of Urology</i> , 2011, 185, . | 0.4 | 0 |
| 40 | 1952 URINARY NEUROTROPHINS " POTENTIAL BIOMARKERS OF OVERACTIVE BLADDER. <i>Journal of Urology</i> , 2011, 185, . | 0.4 | 1 |
| 41 | 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 |
| 42 | 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> , 2011, 15, 683-690. | 2.8 | 8 |
| 43 | Spinal Cord Injury and Bladder Dysfunction: New Ideas about an Old Problem. <i>Scientific World Journal, The</i> , 2011, 11, 214-234. | 2.1 | 54 |
| 44 | Editorial [Hot Topic: An Update on Neurotrophins (Guest Editor: Celia Duarte Cruz)]. <i>Current Neuropharmacology</i> , 2011, 9, 522-522. | 2.9 | 0 |
| 45 | 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 |
| 46 | Nerve growth factor in bladder dysfunction: Contributing factor, biomarker, and therapeutic target. <i>Neurourology and Urodynamics</i> , 2011, 30, 1227-1241. | 1.5 | 115 |
| 47 | Neurotrophins in the Lower Urinary Tract: Becoming of Age. <i>Current Neuropharmacology</i> , 2011, 9, 553-558. | 2.9 | 16 |
| 48 | Biomarkers in Overactive Bladder: A New Objective and Noninvasive Tool?. <i>Advances in Urology</i> , 2011, 2011, 1-7. | 1.3 | 50 |
| 49 | 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 |
| 50 | 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 |
| 51 | 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 |
| 52 | 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 |
| 53 | 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 |
| 54 | 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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|----|---|-----|-----------|
| 55 | 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 |
| 56 | 652 CHEMICAL NEUROMODULATION IN PATIENTS WITH BLADDER PAIN SYNDROME (BPS). <i>European Journal of Pain</i> , 2009, 13, S189. | 2.8 | 0 |
| 57 | 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 |
| 58 | 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 |
| 59 | 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 |
| 60 | 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 |
| 61 | 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 |
| 62 | 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 |
| 63 | 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 |
| 64 | 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 |
| 65 | 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 |
| 66 | 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 |
| 67 | 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 |
| 68 | 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 |
| 69 | 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 |
| 70 | 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 |
| 71 | Inhibition of ERK phosphorylation decreases nociceptive behaviour in monoarthritic rats. <i>Pain</i> , 2005, 116, 411-419. | 4.2 | 74 |
| 72 | ACTH Modulates ERK Phosphorylation in the Adrenal Gland in a Time-Dependent Manner. <i>Endocrine Research</i> , 2004, 30, 661-666. | 1.2 | 13 |

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|----|--|-----|-----------|
| 73 | Vanilloid receptor 1 expression in the rat urinary tract. <i>Neuroscience</i> , 2002, 109, 787-798. | 2.3 | 220 |
| 74 | 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 |