

Marucia Chacur

List of Publications by Year in descending order

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46
papers

2,767
citations

331670

21
h-index

254184

43
g-index

47
all docs

47
docs citations

47
times ranked

2326
citing authors

#	ARTICLE	IF	CITATIONS
1	Spinal Glia and Proinflammatory Cytokines Mediate Mirror-Image Neuropathic Pain in Rats. <i>Journal of Neuroscience</i> , 2003, 23, 1026-1040.	3.6	643
2	A new model of sciatic inflammatory neuritis (SIN): induction of unilateral and bilateral mechanical allodynia following acute unilateral peri-sciatic immune activation in rats. <i>Pain</i> , 2001, 94, 231-244.	4.2	283
3	Evidence that exogenous and endogenous fractalkine can induce spinal nociceptive facilitation in rats. <i>European Journal of Neuroscience</i> , 2004, 20, 2294-2302.	2.6	262
4	Inflammatory effects of snake venom myotoxic phospholipases A2. <i>Toxicon</i> , 2003, 42, 947-962.	1.6	210
5	Controlling Neuropathic Pain by Adeno-Associated Virus Driven Production of the Anti-Inflammatory Cytokine, Interleukin-10. <i>Molecular Pain</i> , 2005, 1, 1744-8069-1-9.	2.1	164
6	An initial investigation of spinal mechanisms underlying pain enhancement induced by fractalkine, a neuronally released chemokine. <i>European Journal of Neuroscience</i> , 2005, 22, 2775-2782.	2.6	158
7	Peri-sciatic proinflammatory cytokines, reactive oxygen species, and complement induce mirror-image neuropathic pain in rats. <i>Pain</i> , 2004, 110, 299-309.	4.2	124
8	Hyperalgesia induced by Asp49 and Lys49 phospholipases A2 from <i>Bothrops asper</i> snake venom: pharmacological mediation and molecular determinants. <i>Toxicon</i> , 2003, 41, 667-678.	1.6	93
9	Sciatic inflammatory neuritis (SIN): Behavioral allodynia is paralleled by peri-sciatic proinflammatory cytokine and superoxide production. <i>Journal of the Peripheral Nervous System</i> , 2001, 6, 111-129.	3.1	69
10	Snake venom phospholipase A2s (Asp49 and Lys49) induce mechanical allodynia upon peri-sciatic administration: involvement of spinal cord glia, proinflammatory cytokines and nitric oxide. <i>Pain</i> , 2004, 108, 180-191.	4.2	66
11	Pharmacological modulation of hyperalgesia induced by <i>Bothrops asper</i> (terciopelo) snake venom. <i>Toxicon</i> , 2001, 39, 1173-1181.	1.6	62
12	Neural Mobilization Reverses Behavioral and Cellular Changes That Characterize Neuropathic Pain in Rats. <i>Molecular Pain</i> , 2012, 8, 1744-8069-8-57.	2.1	60
13	Snake venom components enhance pain upon subcutaneous injection: an initial examination of spinal cord mediators. <i>Pain</i> , 2004, 111, 65-76.	4.2	54
14	Crotalphine induces potent antinociception in neuropathic pain by acting at peripheral opioid receptors. <i>European Journal of Pharmacology</i> , 2008, 594, 84-92.	3.5	50
15	Role of spinal microglia in myositis-induced central sensitisation: An immunohistochemical and behavioural study in rats. <i>European Journal of Pain</i> , 2009, 13, 915-923.	2.8	42
16	Neural mobilization promotes nerve regeneration by nerve growth factor and myelin protein zero increased after sciatic nerve injury. <i>Growth Factors</i> , 2015, 33, 8-13.	1.7	42
17	Participation of neuronal nitric oxide synthase in experimental neuropathic pain induced by sciatic nerve transection. <i>Brazilian Journal of Medical and Biological Research</i> , 2010, 43, 367-376.	1.5	36
18	The peripheral L-arginine-nitric oxide-cyclic GMP pathway and ATP-sensitive K ⁺ channels are involved in the antinociceptive effect of crotalphine on neuropathic pain in rats. <i>Behavioural Pharmacology</i> , 2012, 23, 14-24.	1.7	30

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19	Laser Therapy and Pain-Related Behavior after Injury of the Inferior Alveolar Nerve: Possible Involvement of Neurotrophins. <i>Journal of Neurotrauma</i> , 2013, 30, 480-486.	3.4	28
20	The neural mobilization technique modulates the expression of endogenous opioids in the periaqueductal gray and improves muscle strength and mobility in rats with neuropathic pain. <i>Behavioral and Brain Functions</i> , 2014, 10, 19.	3.3	28
21	Neural Mobilization Treatment Decreases Glial Cells and Brain-Derived Neurotrophic Factor Expression in the Central Nervous System in Rats with Neuropathic Pain Induced by CCI in Rats. <i>Pain Research and Management</i> , 2017, 2017, 1-9.	1.8	24
22	Bradykinin is involved in hyperalgesia induced by Bothrops jararaca venom. <i>Toxicon</i> , 2002, 40, 1047-1051.	1.6	21
23	Rat Facial Nerve Regeneration with Human Immature Dental Pulp Stem Cells. <i>Cell Transplantation</i> , 2019, 28, 1573-1584.	2.5	20
24	Non-pharmacological treatment affects neuropeptide expression in neuropathic pain model. <i>Brain Research</i> , 2018, 1687, 60-65.	2.2	17
25	Gabapentin decreases microglial cells and reverses bilateral hyperalgesia and allodynia in rats with chronic myositis. <i>European Journal of Pharmacology</i> , 2017, 799, 111-117.	3.5	16
26	Anti-NGF treatment can reduce chronic neuropathic pain by changing peripheral mediators and brain activity in rats. <i>Behavioural Pharmacology</i> , 2019, 30, 79-88.	1.7	16
27	Low level laser therapy alters satellite glial cell expression and reverses nociceptive behavior in rats with neuropathic pain. <i>Photochemical and Photobiological Sciences</i> , 2017, 16, 547-554.	2.9	14
28	Neuropeptide expression and morphometric differences in crushed alveolar inferior nerve of rats: Effects of photobiomodulation. <i>Lasers in Medical Science</i> , 2017, 32, 833-840.	2.1	14
29	Antinociceptive effects of treadmill exercise in a rat model of Parkinson's disease: The role of cannabinoid and opioid receptors. <i>Brain Research</i> , 2020, 1727, 146521.	2.2	14
30	Effects of selective inhibition of nNOS and iNOS on neuropathic pain in rats. <i>Molecular and Cellular Neurosciences</i> , 2020, 105, 103497.	2.2	12
31	Local analgesic effect of tramadol is mediated by opioid receptors in late postoperative pain after plantar incision in rats. <i>Journal of Pain Research</i> , 2016, Volume 9, 797-802.	2.0	11
32	Differential regulation of the neuronal isoform of nitric oxide synthase in the superior colliculus and dorsal lateral geniculate nucleus of the adult rat brain following eye enucleation. <i>International Journal of Developmental Neuroscience</i> , 2006, 24, 461-468.	1.6	9
33	Photobiostimulation reverses allodynia and peripheral nerve damage in streptozotocin-induced type 1 diabetes. <i>Lasers in Medical Science</i> , 2017, 32, 495-501.	2.1	9
34	The effectiveness of photobiomodulation in the management of temporomandibular pain sensitivity in rats: behavioral and neurochemical effects. <i>Lasers in Medical Science</i> , 2020, 35, 447-453.	2.1	9
35	Effects of photobiomodulation therapy on neuropathic pain in rats: evaluation of nociceptive mediators and infrared thermography. <i>Lasers in Medical Science</i> , 2020, 36, 1461-1467.	2.1	9
36	Impairment of nociceptive responses after neonatal anoxia correlates with somatosensory thalamic damage: A study in rats. <i>Behavioural Brain Research</i> , 2020, 390, 112690.	2.2	7

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37	Effect of photobiomodulation on mitochondrial dynamics in peripheral nervous system in streptozotocin-induced type 1 diabetes in rats. <i>Photochemical and Photobiological Sciences</i> , 2021, 20, 293-301.	2.9	7
38	Neonatal anoxia increases nociceptive response in rats: Sex differences and lumbar spinal cord and insula alterations. <i>International Journal of Developmental Neuroscience</i> , 2021, 81, 686-697.	1.6	7
39	Crotalphine Attenuates Pain and Neuroinflammation Induced by Experimental Autoimmune Encephalomyelitis in Mice. <i>Toxins</i> , 2021, 13, 827.	3.4	7
40	Early and late behavioral changes in sciatic nerve injury may be modulated by nerve growth factor and substance P in rats: a chronic constriction injury long-term evaluation. <i>Journal of Biological Regulators and Homeostatic Agents</i> , 2017, 31, 309-319.	0.7	7
41	Photobiomodulation reduces nociception and edema in a CFA-induced muscle pain model: effects of LLLT and LEDT. <i>Photochemical and Photobiological Sciences</i> , 2020, 19, 1392-1401.	2.9	5
42	Action potentials and subthreshold potentials of dorsal horn neurons in a rat model of myositis: a study employing intracellular recordings in vivo. <i>Journal of Neurophysiology</i> , 2019, 122, 632-643.	1.8	4
43	Sensorimotor development of male and female rats subjected to neonatal anoxia. <i>Developmental Psychobiology</i> , 2022, 64, .	1.6	2
44	Theoretical neuroscience. , 2019, , 9-19.		1
45	Modulatory effects of photobiomodulation in the anterior cingulate cortex of diabetic rats. <i>Photochemical and Photobiological Sciences</i> , 2021, 20, 781-790.	2.9	1
46	Ultrastructural and Molecular Development of the Myotendinous Junction Triggered by Stretching Prior to Resistance Exercise. <i>Microscopy and Microanalysis</i> , 2022, , 1-6.	0.4	0