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	Ultrastructural and Molecular Development of the Myotendinous Junction Triggered by Stretching Prior to Resistance Exercise. Microscopy and Microanalysis, 2022, , 1-6.	0.4	0
2	Sensorimotor development of male and female rats subjected to neonatal anoxia. Developmental Psychobiology, 2022, 64, .	1.6	2
3	Effect of photobiomodulation on mitochondrial dynamics in peripheral nervous system in streptozotocin-induced type 1 diabetes in rats. Photochemical and Photobiological Sciences, 2021, 20, 293-301.	2.9	7
4	Modulatory effects of photobiomodulation in the anterior cingulate cortex of diabetic rats. Photochemical and Photobiological Sciences, 2021, 20, 781-790.	2.9	1
5	Neonatal anoxia increases nociceptive response in rats: Sex differences and lumbar spinal cord and insula alterations. International Journal of Developmental Neuroscience, 2021, 81, 686-697.	1.6	7
6	Crotalphine Attenuates Pain and Neuroinflammation Induced by Experimental Autoimmune Encephalomyelitis in Mice. Toxins, 2021, 13, 827.	3.4	7
7	The effectiveness of photobiomodulation in the management of temporomandibular pain sensitivity in rats: behavioral and neurochemical effects. Lasers in Medical Science, 2020, 35, 447-453.	2.1	9
8	Antinociceptive effects of treadmill exercise in a rat model of Parkinson's disease: The role of cannabinoid and opioid receptors. Brain Research, 2020, 1727, 146521.	2.2	14
9	Effects of photobiomodulation therapy on neuropathic pain in rats: evaluation of nociceptive mediators and infrared thermography. Lasers in Medical Science, 2020, 36, 1461-1467.	2.1	9
10	Photobiomodulation reduces nociception and edema in a CFA-induced muscle pain model: effects of LLLT and LEDT. Photochemical and Photobiological Sciences, 2020, 19, 1392-1401.	2.9	5
11	Impairment of nociceptive responses after neonatal anoxia correlates with somatosensory thalamic damage: A study in rats. Behavioural Brain Research, 2020, 390, 112690.	2.2	7
12	Effects of selective inhibition of nNOS and iNOS on neuropathic pain in rats. Molecular and Cellular Neurosciences, 2020, 105, 103497.	2.2	12
13	Action potentials and subthreshold potentials of dorsal horn neurons in a rat model of myositis: a study employing intracellular recordings in vivo. Journal of Neurophysiology, 2019, 122, 632-643.	1.8	4
14	Theoretical neuroscience. , 2019, , 9-19.		1
15	Rat Facial Nerve Regeneration with Human Immature Dental Pulp Stem Cells. Cell Transplantation, 2019, 28, 1573-1584.	2.5	20
16	Anti-NGF treatment can reduce chronic neuropathic pain by changing peripheral mediators and brain activity in rats. Behavioural Pharmacology, 2019, 30, 79-88.	1.7	16
17	Non-pharmacological treatment affects neuropeptide expression in neuropathic pain model. Brain Research, 2018, 1687, 60-65.	2.2	17
18	Low level laser therapy alters satellite glial cell expression and reverses nociceptive behavior in rats with neuropathic pain. Photochemical and Photobiological Sciences, 2017, 16, 547-554.	2.9	14

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19	Photobiostimulation reverses allodynia and peripheral nerve damage in streptozotocin-induced type 1 diabetes. Lasers in Medical Science, 2017, 32, 495-501.	2.1	9
20	Gabapentin decreases microglial cells and reverses bilateral hyperalgesia and allodynia in rats with chronic myositis. European Journal of Pharmacology, 2017, 799, 111-117.	3.5	16
21	Neuropeptide expression and morphometric differences in crushed alveolar inferior nerve of rats: Effects of photobiomodulation. Lasers in Medical Science, 2017, 32, 833-840.	2.1	14
22	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. Pain Research and Management, 2017, 2017, 1-9.	1.8	24
23	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. Journal of Biological Regulators and Homeostatic Agents, 2017, 31, 309-319.	0.7	7
24	Local analgesic effect of tramadol is mediated by opioid receptors in late postoperative pain after plantar incision in rats. Journal of Pain Research, 2016, Volume 9, 797-802.	2.0	11
25	Neural mobilization promotes nerve regeneration by nerve growth factor and myelin protein zero increased after sciatic nerve injury. Growth Factors, 2015, 33, 8-13.	1.7	42
26	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. Behavioral and Brain Functions, 2014, 10, 19.	3.3	28
27	Laser Therapy and Pain-Related Behavior after Injury of the Inferior Alveolar Nerve: Possible Involvement of Neurotrophins. Journal of Neurotrauma, 2013, 30, 480-486.	3.4	28
28	The peripheral L-arginineâ€“nitric oxideâ€“cyclic GMP pathway and ATP-sensitive K+ channels are involved in the antinociceptive effect of crotalphine on neuropathic pain in rats. Behavioural Pharmacology, 2012, 23, 14-24.	1.7	30
29	Neural Mobilization Reverses Behavioral and Cellular Changes That Characterize Neuropathic Pain in Rats. Molecular Pain, 2012, 8, 1744-8069-8-57.	2.1	60
30	Participation of neuronal nitric oxide synthase in experimental neuropathic pain induced by sciatic nerve transection. Brazilian Journal of Medical and Biological Research, 2010, 43, 367-376.	1.5	36
31	Role of spinal microglia in myositisâ€induced central sensitisation: An immunohistochemical and behavioural study in rats. European Journal of Pain, 2009, 13, 915-923.	2.8	42
32	Crotalphine induces potent antinociception in neuropathic pain by acting at peripheral opioid receptors. European Journal of Pharmacology, 2008, 594, 84-92.	3.5	50
33	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. International Journal of Developmental Neuroscience, 2006, 24, 461-468.	1.6	9
34	An initial investigation of spinal mechanisms underlying pain enhancement induced by fractalkine, a neuronally released chemokine. European Journal of Neuroscience, 2005, 22, 2775-2782.	2.6	158
35	Controlling Neuropathic Pain by Adeno-Associated Virus Driven Production of the Anti-Inflammatory Cytokine, Interleukin-10. Molecular Pain, 2005, 1, 1744-8069-1-9.	2.1	164
36	Evidence that exogenous and endogenous fractalkine can induce spinal nociceptive facilitation in rats. European Journal of Neuroscience, 2004, 20, 2294-2302.	2.6	262

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37	Snake venom phospholipase A2s (Asp49 and Lys49) induce mechanical allodynia upon peri-sciatic administration: involvement of spinal cord glia, proinflammatory cytokines and nitric oxide. Pain, 2004, 108, 180-191.	4.2	66
38	Peri-sciatic proinflammatory cytokines, reactive oxygen species, and complement induce mirror-image neuropathic pain in rats. Pain, 2004, 110, 299-309.	4.2	124
39	Snake venom components enhance pain upon subcutaneous injection: an initial examination of spinal cord mediators. Pain, 2004, 111, 65-76.	4.2	54
40	Inflammatory effects of snake venom myotoxic phospholipases A2. Toxicon, 2003, 42, 947-962.	1.6	210
41	Hyperalgesia induced by Asp49 and Lys49 phospholipases A2 from Bothrops asper snake venom: pharmacological mediation and molecular determinants. Toxicon, 2003, 41, 667-678.	1.6	93
42	Spinal Glia and Proinflammatory Cytokines Mediate Mirror-Image Neuropathic Pain in Rats. Journal of Neuroscience, 2003, 23, 1026-1040.	3.6	643
43	Bradykinin is involved in hyperalgesia induced by Bothrops jararaca venom. Toxicon, 2002, 40, 1047-1051.	1.6	21
44	A new model of sciatic inflammatory neuritis (SIN): induction of unilateral and bilateral mechanical allodynia following acute unilateral peri-sciatic immune activation in rats. Pain, 2001, 94, 231-244.	4.2	283
45	Pharmacological modulation of hyperalgesia induced by Bothrops asper (terciopelo) snake venom. Toxicon, 2001, 39, 1173-1181.	1.6	62
46	Sciatic inflammatory neuritis (SIN): Behavioral allodynia is paralleled by periâ€sciatic proinflammatory cytokine and superoxide production. Journal of the Peripheral Nervous System, 2001, 6, 111-129.	3.1	69