Miguel CondÃ©s-Lara

List of Publications by Year
in descending order

75 papers	1,849 citations	279798 23 h-index	289244 40 g-index
77 all docs	77 docs citations	77 times ranked	1322 citing authors

#	Article	IF	Citations
1	Oxytocin and electrical stimulation of the paraventricular hypothalamic nucleus produce antinociceptive effects that are reversed by an oxytocin antagonist. Pain, 2006, 122, 182-189.	4.2	128
2	Paraventricular Hypothalamic Regulation of Trigeminovascular Mechanisms Involved in Headaches. Journal of Neuroscience, 2013, 33, 8827-8840.	3.6	120
3	Paraventricular hypothalamic influences on spinal nociceptive processing. Brain Research, 2006, 1081, 126-137.	2.2	78
4	Identification of oxytocin receptor in the dorsal horn and nociceptive dorsal root ganglion neurons. Neuropeptides, 2013, 47, 117-123.	2.2	72
5	PVN electrical stimulation prolongs withdrawal latencies and releases oxytocin in cerebrospinal fluid, plasma, and spinal cord tissue in intact and neuropathic rats. Pain, 2008, 140, 265-273.	4.2	71
6	Habituation to bearable experimental pain elicited by tooth pulp electrical stimulation. Pain, 1981, 11, 185-200.	4.2	70
7	Oxytocin actions on afferent evoked spinal cord neuronal activities in neuropathic but not in normal rats. Brain Research, 2005, 1045, 124-133.	2.2	68
8	Paraventricular oxytocinergic hypothalamic prevention or interruption of long-term potentiation in dorsal horn nociceptive neurons: Electrophysiological and behavioral evidence. Pain, 2009, 144, 320-328.	4.2	67
9	Some Prospective Alternatives for Treating Pain: The Endocannabinoid System and Its Putative Receptors GPR18 and GPR55. Frontiers in Pharmacology, 2018, 9, 1496.	3.5	67
10	GABA-mediated oxytocinergic inhibition in dorsal horn neurons by hypothalamic paraventricular nucleus stimulation. Brain Research, 2007, 1137, 69-77.	2.2	62
11	Hypothalamospinal oxytocinergic antinociception is mediated by GABAergic and opiate neurons that reduce A-delta and C fiber primary afferent excitation of spinal cord cells. Brain Research, 2009, 1247, 38-49.	2.2	60
12	Actions of oxytocin and interactions with glutamate on spontaneous and evoked dorsal spinal cord neuronal activities. Brain Research, 2003, 976, 75-81.	2.2	57
13	Correlation between oxytocin neuronal sensitivity and oxytocin-binding sites in the amygdala of the rat: electrophysiological and histoautoradiographic study. Brain Research, 1994, 637, 277-286.	2.2	53
14	Branched oxytocinergic innervations from the paraventricular hypothalamic nuclei to superficial layers in the spinal cord. Brain Research, 2007, 1160, 20-29.	2.2	53
15	Oxytocin and analgesia: future trends. Trends in Pharmacological Sciences, 2014, 35, 549-551.	8.7	50
16	Peripheral oxytocin receptors inhibit the nociceptive input signal to spinal dorsal horn wide-dynamic-range neurons. Pain, 2017, 158, 2117-2128.	4.2	46
17	Oxytocin, but not vassopressin, modulates nociceptive responses in dorsal horn neurons. Neuroscience Letters, 2010, 476, 32-35.	2.1	42
18	Paraventricular hypothalamic oxytocinergic cells responding to noxious stimulation and projecting to the spinal dorsal horn represent a homeostatic analgesic mechanism. European Journal of Neuroscience, 2009, 30, 1056-1063.	2.6	39

#	Article	IF	Citations
19	The Hormone Prolactin Is a Novel, Endogenous Trophic Factor Able to Regulate Reactive Glia and to Limit Retinal Degeneration. Journal of Neuroscience, 2014, 34, 1868-1878.	3.6	34
20	The Rostral Agranular Insular Cortex, a New Site of Oxytocin to Induce Antinociception. Journal of Neuroscience, 2020, 40, 5669-5680.	3.6	31
21	Direct sensorimotor corticospinal modulation of dorsal horn neuronal C-fiber responses in the rat. Brain Research, 2010, 1351, 104-114.	2.2	25
22	Dorsal raphe and nociceptive stimulations evoke convergent responses on the thalamic centralis lateralis and medial prefrontal cortex neurons. Brain Research, 1989, 499, 145-152.	2.2	24
23	Brain somatic representation of phantom and intact limb: a fMRI study case report. European Journal of Pain, 2000, 4, 239-245.	2.8	23
24	The role of peripheral vasopressin 1A and oxytocin receptors on the subcutaneous vasopressin antinociceptive effects. European Journal of Pain, 2018, 22, 511-526.	2.8	23
25	Regional brain IR-Met-, IR-Leu-enkephalin concentrations during progress and full electrical amygdaloid kindling. Brain Research, 1989, 485, 141-148.	2.2	22
26	Nociceptive spinothalamic tract and postsynaptic dorsal column neurons are modulated by paraventricular hypothalamic activation. European Journal of Neuroscience, 2008, 28, 546-558.	2.6	22
27	Functional interactions between the paraventricular hypothalamic nucleus and raphe magnus. A comparative study of an integrated homeostatic analgesic mechanism. Neuroscience, 2012, 209, 196-207.	2.3	22
28	Successful Pain Management with Epidural Oxytocin. CNS Neuroscience and Therapeutics, 2016, 22, 532-534.	3.9	22
29	Different direct pathways of locus coeruleus to medial prefrontal cortex and centrolateral thalamic nucleus: Electrical stimulation effects on the evoked responses to nociceptive peripheral stimulation. European Journal of Pain, 1998, 2, 15-23.	2.8	21
30	Oxytocin inhibits the rat medullary dorsal horn Sp5c/C1 nociceptive transmission through OT but not V 1A receptors. Neuropharmacology, 2018, 129, 109-117.	4.1	21
31	Further Evidence for the Involvement of SmI Cortical Neurons in Nociception: Their Responsiveness at 24 Hr after Carrageenin-Induced Hyperalgesic Inflammation in the Rat. Somatosensory & Motor Research, 1993, 10, 229-244.	0.9	17
32	Paraventricular hypothalamic nucleus stimulation modulates nociceptive responses in dorsal horn wide dynamic range neurons. Neuroscience Letters, 2008, 444, 199-202.	2.1	17
33	Hypothalamic paraventricular nucleus stimulation enhances c-Fos expression in spinal and supraspinal structures related to pain modulation. Neuroscience Research, 2015, 98, 59-63.	1.9	17
34	The rat corticospinal system is functionally and anatomically segregated. Brain Structure and Function, 2017, 222, 3945-3958.	2.3	17
35	Cortical Modulation of Nociception. Neuroscience, 2021, 458, 256-270.	2.3	16
36	Serotonin-dependent (Na+,K+)ATPase in kindled rats: a study in various brain regions. Brain Research, 1989, 480, 403-406.	2.2	14

#	Article	IF	Citations
37	Brain Na+/K+-ATPase regulation by serotonin and norepinephrine in normal and kindled rats. Brain Research, 1992, 593, 239-244.	2.2	14
38	Actions of sciatic nerve ligature on sexual behavior of sexually experienced and inexperienced male rats: Effects of frontal pole decortication. Physiology and Behavior, 1994, 55, 577-581.	2.1	13
39	Effects of Cypermethrin on the Electroencephalographic Activity of the Rat. Neurotoxicology and Teratology, 1999, 21, 293-298.	2.4	13
40	Recurrent antinociception induced by intrathecal or peripheral oxytocin in a neuropathic pain rat model. Experimental Brain Research, 2019, 237, 2995-3010.	1.5	13
41	NADPH-Diaphorase-Stained Neurons after Experimental Epilepsy in Rats. Nitric Oxide - Biology and Chemistry, 1997, 1, 484-493.	2.7	12
42	Inhibition of nociceptive dural input to the trigeminocervical complex through oxytocinergic transmission. Experimental Neurology, 2020, 323, 113079.	4.1	11
43	Suppression of noxious thermal evoked responses in thalamic central lateral nucleus by cortical spreading depression. Pain, 1988, 35, 199-204.	4.2	10
44	Cortical Presynaptic Control of Dorsal Horn Câ€“Afferents in the Rat. PLoS ONE, 2013, 8, e69063.	2.5	10
45	Superficial dorsal horn neurons with double spike activity in the rat. Neuroscience Letters, 2007, 419, 147-152.	2.1	9
46	Intracisternal injection of palmitoylethanolamide inhibits the peripheral nociceptive evoked responses of dorsal horn wide dynamic range neurons. Journal of Neural Transmission, 2015, 122, 369-374.	2.8	9
47	The potential role of serotonergic mechanisms in the spinal oxytocin-induced antinociception. Neuropeptides, 2016, 60, 51-60.	2.2	9
48	Cortifugal influences on dorsal column nuclei: an electrophysiological study in the rat using the cortical spreading depression technique. Experimental Brain Research, 1986, 61, 649-53.	1.5	7
49	Dorsal raphe neuronal responses to thalamic centralis lateralis and medial prefrontal cortex electrical stimulation. Brain Research, 1989, 499, 141-144.	2.2	7
50	Dorsal horn antinociception mediated by the paraventricular hypothalamic nucleus and locus coeruleous: A comparative study. Brain Research, 2012, 1461, 41-50.	2.2	7
51	An outlook on the trigeminovascular mechanisms of action and side effects concerns of some potential neuropeptidergic antimigraine therapies. Expert Opinion on Drug Metabolism and Toxicology, 2021, 17, 179-199.	3.3	7
52	Comparison of caudate nucleus and substantia nigra control of medial thalamic cell activities in the rat. Neuroscience Letters, 1982, 31, 129-134.	2.1	6
53	Electrophysiological responses of interfascicular neurons of the rat anterior commissure to activation from the anterior olfactory nucleus, medial frontal cortex, and posterior nucleus of the amygdala. Brain Research, 2003, 982, 288-292.	2.2	6
54	Prolactin fractions from lactating rats elicit effects upon sensory spinal cord cells of male rats. Neuroscience, 2013, 248, 552-561.	2.3	6

#	Article	IF	Citations
55	Spinal LTP induced by sciatic nerve electrical stimulation enhances posterior triangular thalamic nociceptive responses. Neuroscience, 2013, 234, 125-134.	2.3	6
56	Effect of local infiltration with oxytocin on hemodynamic response to surgical incision and postoperative pain in patients having open laparoscopic surgery under general anesthesia. European Journal of Pain, 2019, 23, 1519-1526.	2.8	6
57	Ultrastructural Evidence for Oxytocin and Oxytocin Receptor at the Spinal Dorsal Horn: Mechanism of Nociception Modulation. Neuroscience, 2021, 475, 117-126.	2.3	6
58	Mesencephalic projections to the thalamic centralis lateralis and medial prefrontal cortex: a WGA-HRP study. Brain Research, 1990, 509, 321-324.	2.2	5
59	Perinatal administration of testosterone induces hypertrophy of the anterior commissure in adult male and female rats. Neuroscience Letters, 1998, 241, 119-122.	2.1	5
60	Electrophysiological evidence that a set of interfascicular cells of the rat anterior commissure are neurons. Neuroscience Letters, 2002, 323, 121-124.	2.1	5
61	Interamygdaloid connection of basolateral nucleus through the anterior commissure in the rat. Neuroscience Letters, 2004, 366, 154-157.	2.1	5
62	The Multitarget Drug Approach in Migraine Treatment: The New Challenge to Conquer. Headache, 2014, 54, 197-199.	3.9	5
63	Peptidergic nature of nociception-related projections from the hypothalamic paraventricular nucleus to the dorsal horn of the spinal cord. Neuroscience Letters, 2018, 685, 124-130.	2.1	5
64	Intrathecal Oxytocin Improves Spontaneous Behavior and Reduces Mechanical Hypersensitivity in a Rat Model of Postoperative Pain. Frontiers in Pharmacology, 2020, 11, 581544.	3.5	5
65	The glial cellâ€™s role in antinociceptive differential effects of oxytocin upon female and male rats. European Journal of Pain, 2022, 26, 796-810.	2.8	5
66	<i>In Vivo</i> Dissection of Two Intracellular Pathways Involved in the Spinal Oxytocin-Induced Antinociception in the Rat. ACS Chemical Neuroscience, 2021, 12, 3140-3147.	3.5	4
67	Effects of kindling in Wheat germ aggltuinium-horseradish perxidase labeling in neurons of the interamygdaloid pathway in rats. Neuroscience Letters, 2000, 281, 135-138.	2.1	3
68	Different wheat germ agglutinin-horseradish peroxidase labeling in structures related to the development of amygdaline kindling in the rat. Neuroscience Letters, 2001, 299, 13-16.	2.1	3
69	Oxytocin prevents neuronal network pain-related changes on spinal cord dorsal horn in vitro. Cell Calcium, 2020, 90, 102246.	2.4	3
70	CLARITY with neuronal tracing and immunofluorescence to study the somatosensory system in rats. Journal of Neuroscience Methods, 2021, 350, 109048.	2.5	3
71	Effects of diphenylhydantoin on the spontaneous activity of purkinje, nucleus interpositus, red nucleus and motor cortex cells. Electroencephalography and Clinical Neurophysiology, 1979, 47, 358-368.	0.3	2
72	Axons of Individual Dorsal Horn Neurons Bifurcated to Project in Both the Anterolateral and the Postsynaptic Dorsal Column Systems. Neuroscience, 2018, 371, 178-190.	2.3	2

#	Article	IF	Citations
73	Response to Letter to the Editor by Eisenach and Yaksh on â€œSuccessful Pain Management with Epidural Oxytocinâ€. CNS Neuroscience and Therapeutics, 2016, 22, 867-868.	3.9	1
74	Recurrent inhibition in the cerebral cortex. Neuroscience Letters, 2019, 696, 20-27.	2.1	1
75	Kindling in the spinal cord: differential effects on mono- and polysynaptic reflexes and its modifications by atropine and naloxone. Electroencephalography and Clinical Neurophysiology Supplement, 1982, 36, 257-63.	0.0	0