

# Horacio Vanegas

## List of Publications by Year in descending order

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59  
papers

4,130  
citations

109137

35  
h-index

143772

57  
g-index

63  
all docs

63  
docs citations

63  
times ranked

2184  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prostaglandins and cyclooxygenases in the spinal cord. <i>Progress in Neurobiology</i> , 2001, 64, 327-363.	2.8	468
2	Descending control of persistent pain: inhibitory or facilitatory?. <i>Brain Research Reviews</i> , 2004, 46, 295-309.	9.1	428
3	Effects of antagonists to high-threshold calcium channels upon spinal mechanisms of pain, hyperalgesia and allodynia. <i>Pain</i> , 2000, 85, 9-18.	2.0	211
4	Spinal Prostaglandins Are Involved in the Development But Not the Maintenance of Inflammation-Induced Spinal Hyperexcitability. <i>Journal of Neuroscience</i> , 2001, 21, 9001-9008.	1.7	186
5	Morphological aspects of the teleostean visual system: A review. <i>Brain Research Reviews</i> , 1983, 6, 117-137.	9.1	170
6	Joint pain. <i>Experimental Brain Research</i> , 2009, 196, 153-162.	0.7	167
7	The optic tectum of a perciform teleost I. General configuration and cytoarchitecture. <i>Journal of Comparative Neurology</i> , 1974, 154, 43-60.	0.9	148
8	Early stages of uptake and transport of horseradish-peroxidase by cortical structures, and its use for the study of local neurons and their processes. <i>Journal of Comparative Neurology</i> , 1978, 177, 193-211.	0.9	146
9	The projection from the lateral geniculate nucleus onto the visual cortex in the cat. A quantitative study with horseradish-peroxidase. <i>Journal of Comparative Neurology</i> , 1977, 173, 519-536.	0.9	140
10	Tail-flick related activity in medullospinal neurons. <i>Brain Research</i> , 1984, 321, 135-141.	1.1	133
11	Projections of the optic tectum in two teleost species. <i>Journal of Comparative Neurology</i> , 1976, 165, 161-180.	0.9	113
12	The optic tectum of a perciform teleost II. Fine structure. <i>Journal of Comparative Neurology</i> , 1974, 154, 61-95.	0.9	90
13	Spinal antinociceptive effects of cyclooxygenase inhibition during inflammation: Involvement of prostaglandins and endocannabinoids. <i>Pain</i> , 2010, 148, 26-35.	2.0	90
14	Retinal projections in the perch-like teleost <i>Eugerres plumieri</i> . <i>Journal of Comparative Neurology</i> , 1973, 151, 331-357.	0.9	81
15	Midbrain stimulation inhibits tail-flick only at currents sufficient to excite rostral medullary neurons. <i>Brain Research</i> , 1984, 321, 127-133.	1.1	79
16	Telencephalic projections in two teleost species. <i>Journal of Comparative Neurology</i> , 1976, 165, 181-195.	0.9	78
17	Cytoarchitecture and ultrastructure of nucleus prethalamicus, with special reference to degenerating afferents from optic tectum and telencephalon, in a teleost ( <i>Holocentrus ascensionis</i> ). <i>Journal of Comparative Neurology</i> , 1983, 221, 401-415.	0.9	73
18	Cytoarchitecture of the optic tectum of the squirrelfish, <i>Holocentrus</i> . <i>Journal of Comparative Neurology</i> , 1980, 191, 337-351.	0.9	66

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19	Opioidergic effects of nonopioid analgesics on the central nervous system. <i>Cellular and Molecular Neurobiology</i> , 2002, 22, 655-661.	1.7	62
20	Naloxone partial reversal of the antinociception produced by dipyron microinjected into the periaqueductal gray of rats. Possible involvement of medullary off- and on-cells. <i>Brain Research</i> , 1996, 725, 106-110.	1.1	58
21	Involvement of local cholecystokinin in the tolerance induced by morphine microinjections into the periaqueductal gray of rats. <i>Pain</i> , 2003, 102, 9-16.	2.0	58
22	Diameters and terminal patterns of retinofugal axons in their target areas: An HRP study in two teleosts ( <i>Sebastiscus</i> and <i>Navodon</i> ). <i>Journal of Comparative Neurology</i> , 1984, 230, 179-197.	0.9	56
23	Electrophysiological evidence of tectal efferents to the fish eye. <i>Brain Research</i> , 1973, 54, 309-313.	1.1	51
24	Putative role of medullary off- and on-cells in the antinociception produced by dipyron (metamizol) administered systemically or microinjected into PAG. <i>Pain</i> , 1994, 57, 197-205.	2.0	51
25	Tooth pulp stimulation advances both medullary off-cell pause and tail flick. <i>Neuroscience Letters</i> , 1989, 100, 153-156.	1.0	50
26	Tolerance to repeated microinjection of morphine into the periaqueductal gray is associated with changes in the behavior of off- and on-cells in the rostral ventromedial medulla of rats. <i>Pain</i> , 2001, 89, 237-244.	2.0	50
27	Anti-nociception Induced by Systemic or PAG-microinjected Lysine-acetylsalicylate in Rats. Effects on Tail-flick Related Activity of Medullary Off- and On-cells. <i>European Journal of Neuroscience</i> , 1995, 7, 1857-1865.	1.2	45
28	Antinociception induced by intravenous dipyron (metamizol) upon dorsal horn neurons: Involvement of endogenous opioids at the periaqueductal gray matter, the nucleus raphe magnus, and the spinal cord in rats. <i>Brain Research</i> , 2005, 1048, 211-217.	1.1	45
29	Opioid tolerance induced by metamizol (dipyron) microinjections into the periaqueductal grey of rats. <i>European Journal of Neuroscience</i> , 2000, 12, 4074-4080.	1.2	44
30	NSAIDs, Opioids, Cannabinoids and the Control of Pain by the Central Nervous System. <i>Pharmaceuticals</i> , 2010, 3, 1335-1347.	1.7	44
31	Response of the optic tectum to stimulation of the optic nerve in the teleost <i>Eugerres plumieri</i> . <i>Brain Research</i> , 1971, 31, 107-118.	1.1	42
32	The optic tectum of a perciform teleost III. Electron microscopy of degenerating retino-tectal afferents. <i>Journal of Comparative Neurology</i> , 1974, 154, 97-115.	0.9	41
33	Visual receptive thalamopetal neurons in the optic tectum of teleosts (holocentridae). <i>Brain Research</i> , 1984, 290, 201-210.	1.1	40
34	Induction of opioid tolerance by lysine-acetylsalicylate in rats. <i>Pain</i> , 2004, 111, 191-200.	2.0	39
35	Postsynaptic phenomena in optic tectum neurons following optic nerve stimulation in fish. <i>Brain Research</i> , 1974, 77, 25-38.	1.1	38
36	The antinociceptive effect of PAG-microinjected dipyron in rats is mediated by endogenous opioids of the rostral ventromedial medulla. <i>Brain Research</i> , 2000, 854, 249-252.	1.1	35

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37	Antinociception induced by PAG-microinjected dipyron (metamizol) in rats: involvement of spinal endogenous opioids. <i>Brain Research</i> , 2001, 896, 175-178.	1.1	33
38	Cytoarchitecture of the tectum mesencephali in two types of siluroid teleosts. <i>Journal of Comparative Neurology</i> , 1977, 175, 287-299.	0.9	32
39	PAG-microinjected dipyron (metamizol) inhibits responses of spinal dorsal horn neurons to natural noxious stimulation in rats. <i>Brain Research</i> , 1997, 759, 171-174.	1.1	31
40	Electrophysiological analysis of the teleostean nucleus isthmi and its relationships with the optic tectum. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 1983, 152, 545-554.	0.7	25
41	Involvement of cholecystokinin in the opioid tolerance induced by dipyron (metamizol) microinjections into the periaqueductal gray matter of rats. <i>Pain</i> , 2004, 112, 113-120.	2.0	23
42	A nonopioid analgesic acts upon the PAG-RVM axis to reverse inflammatory hyperalgesia. <i>European Journal of Neuroscience</i> , 2007, 25, 471-479.	1.2	22
43	Medullary on-cell activity during tail-flick inhibition produced by heterotopic noxious stimulation. <i>Pain</i> , 1994, 58, 393-401.	2.0	20
44	Effects of $\gamma$ -Agatoxin IVA, a P-Type Calcium Channel Antagonist, on the Development of Spinal Neuronal Hyperexcitability Caused by Knee Inflammation in Rats. <i>Journal of Neurophysiology</i> , 1999, 81, 2620-2626.	0.9	20
45	Tolerance to nonopioid analgesics in PAG involves unresponsiveness of medullary pain-modulating neurons in male rats. <i>European Journal of Neuroscience</i> , 2009, 29, 1188-1196.	1.2	20
46	Medullary on- and off-cell responses precede both segmental and thalamic responses to tail heating. <i>Pain</i> , 1989, 39, 221-230.	2.0	19
47	Critical Role of the Rostral Ventromedial Medulla in Early Spinal Events Leading to Chronic Constriction Injury Neuropathy in Rats. <i>Journal of Pain</i> , 2008, 9, 532-542.	0.7	19
48	Encoding of noxious stimulus intensity by putative pain modulating neurons in the rostral ventromedial medulla and by simultaneously recorded nociceptive neurons in the spinal dorsal horn of rats. <i>Pain</i> , 2001, 91, 307-315.	2.0	15
49	Tectal projections in teleosts: Responses of some target nuclei to direct tectal stimulation. <i>Brain Research</i> , 1982, 242, 3-9.	1.1	14
50	The role of high-threshold calcium channels in spinal neuron hyperexcitability induced by knee inflammation. <i>Progress in Brain Research</i> , 2000, 129, 173-190.	0.9	14
51	Activity correlations between on-like and off-like cells of the rostral ventromedial medulla and simultaneously recorded wide-dynamic-range neurons of the spinal dorsal horn in rats. <i>Brain Research</i> , 2016, 1652, 103-110.	1.1	13
52	Identification of pericellular baskets in the cat striate cortex: Light and electron microscopic observations after uptake of horseradish peroxidase. <i>Journal of Neurocytology</i> , 1981, 10, 577-587.	1.6	11
53	How do we manage chronic pain?. <i>Best Practice and Research in Clinical Rheumatology</i> , 2000, 14, 797-811.	1.4	10
54	Cytoarchitecture and Connexions Of the Teleostean Optic Tectum. , 1975, , 151-158.		8

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55	A rigid setup for microelectrode research in fish. <i>Physiology and Behavior</i> , 1974, 12, 137-139.	1.0	4
56	Functional relationship between brainstem putative pain-facilitating neurons and spinal nociceptive neurons during development of inflammation in rats. <i>Brain Research</i> , 2018, 1686, 55-64.	1.1	2
57	PAG-Microinjected Dipyrone Prevents the Late Response of Spinal Nociceptive Neurons to Subcutaneous Formalin in Rats. <i>Analgesia</i> (Elmsford, N Y), 1999, 4, 405-407.	0.5	2
58	Projections of the Teleostean Telencephalon. , 1980, , 117-127.		2
59	Descending Control of Pain During Persistent Peripheral Damage. <i>Reviews in Analgesia</i> , 2007, 9, 55-70.	0.9	1