

Armando Almeida

List of Publications by Year in descending order

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Version: 2024-02-01

101
papers

3,158
citations

136950

32
h-index

182427

51
g-index

103
all docs

103
docs citations

103
times ranked

3608
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuropathic pain is associated with depressive behaviour and induces neuroplasticity in the amygdala of the rat. <i>Experimental Neurology</i> , 2008, 213, 48-56.	4.1	158
2	The medullary dorsal reticular nucleus as a pronociceptive centre of the pain control system. <i>Progress in Neurobiology</i> , 2002, 66, 81-108.	5.7	123
3	The impact of age on emotional and cognitive behaviours triggered by experimental neuropathy in rats. <i>Pain</i> , 2009, 144, 57-65.	4.2	115
4	The mediating role of pain catastrophizing in the relationship between presurgical anxiety and acute postsurgical pain after hysterectomy. <i>Pain</i> , 2012, 153, 218-226.	4.2	113
5	Predictors of Acute Postsurgical Pain and Anxiety Following Primary Total Hip and Knee Arthroplasty. <i>Journal of Pain</i> , 2013, 14, 502-515.	1.4	105
6	Development and Characterization of a Novel Hybrid Tissue Engineering-Based Scaffold for Spinal Cord Injury Repair. <i>Tissue Engineering - Part A</i> , 2010, 16, 45-54.	3.1	103
7	Risk Factors for Moderate and Severe Persistent Pain in Patients Undergoing Total Knee and Hip Arthroplasty: A Prospective Predictive Study. <i>PLoS ONE</i> , 2013, 8, e73917.	2.5	100
8	Microglia Response and In Vivo Therapeutic Potential of Methylprednisolone-Loaded Dendrimer Nanoparticles in Spinal Cord Injury. <i>Small</i> , 2013, 9, 738-749.	10.0	91
9	Risk Factors for Persistent Postsurgical Pain in Women Undergoing Hysterectomy Due to Benign Causes: A Prospective Predictive Study. <i>Journal of Pain</i> , 2012, 13, 1045-1057.	1.4	89
10	Differential effects of left/right neuropathy on rats' anxiety and cognitive behavior. <i>Pain</i> , 2012, 153, 2218-2225.	4.2	74
11	The medullary dorsal reticular nucleus facilitates pain behaviour induced by formalin in the rat. <i>European Journal of Neuroscience</i> , 1999, 11, 110-122.	2.6	70
12	Gabapentin Supplemented With Ropivacain Block of Trigger Points Improves Pain Control and Quality of Life in Trigeminal Neuralgia Patients When Compared With Gabapentin Alone. <i>Clinical Journal of Pain</i> , 2008, 24, 64-75.	1.9	68
13	Chapter 13 Descending inhibitory systems. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2006, 81, 179-192.	1.8	67
14	The medullary dorsal reticular nucleus facilitates acute nociception in the rat. <i>Brain Research Bulletin</i> , 1996, 39, 7-15.	3.0	62
15	Brain projections from the medullary dorsal reticular nucleus: An anterograde and retrograde tracing study in the rat. <i>Neuroscience</i> , 2006, 140, 577-595.	2.3	61
16	Descending projections from the medullary dorsal reticular nucleus make synaptic contacts with spinal cord lamina I cells projecting to that nucleus: An electron microscopic tracer study in the rat. <i>Neuroscience</i> , 1993, 55, 1093-1106.	2.3	56
17	Pronociceptive changes in response properties of rostroventromedial medullary neurons in a rat model of peripheral neuropathy. <i>European Journal of Neuroscience</i> , 2007, 26, 2188-2195.	2.6	51
18	Projection sites of superficial and deep spinal dorsal horn cells in the nucleus tractus solitarii of the rat. <i>Brain Research</i> , 2001, 921, 195-205.	2.2	50

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19	Inorganic mercury accumulation in brain following waterborne exposure elicits a deficit on the number of brain cells and impairs swimming behavior in fish (white seabream "Diplodus sargus"). <i>Aquatic Toxicology</i> , 2016, 170, 400-412.	4.0	50
20	Brain afferents to the medullary dorsal reticular nucleus: a retrograde and anterograde tracing study in the rat. <i>European Journal of Neuroscience</i> , 2002, 16, 81-95.	2.6	48
21	Correlation between pain severity and levels of anxiety and depression in osteoarthritis patients: a systematic review and meta-analysis. <i>Rheumatology</i> , 2021, 61, 53-75.	1.9	48
22	Development and Characterization of a PHB-HV-based 3D Scaffold for a Tissue Engineering and Cell Therapy Combinatorial Approach for Spinal Cord Injury Regeneration. <i>Macromolecular Bioscience</i> , 2013, 13, 1576-1592.	4.1	47
23	Influence of amygdaloid glutamatergic receptors on sensory and emotional pain-related behavior in the neuropathic rat. <i>Behavioural Brain Research</i> , 2010, 209, 174-178.	2.2	45
24	Pronociceptive changes in the activity of rostroventromedial medulla (RVM) pain modulatory cells in the streptozotocin-diabetic rat. <i>Brain Research Bulletin</i> , 2013, 96, 39-44.	3.0	42
25	Chronic unpredictable stress inhibits nociception in male rats. <i>Neuroscience Letters</i> , 2004, 359, 73-76.	2.1	40
26	Persistent pain after total knee or hip arthroplasty: differential study of prevalence, nature, and impact. <i>Journal of Pain Research</i> , 2013, 6, 691.	2.0	38
27	The medullary dorsal reticular nucleus enhances the responsiveness of spinal nociceptive neurons to peripheral stimulation in the rat. <i>European Journal of Neuroscience</i> , 2003, 18, 580-588.	2.6	37
28	Amitriptyline reverses hyperalgesia and improves associated mood-like disorders in a model of experimental monoarthritis. <i>Behavioural Brain Research</i> , 2014, 265, 12-21.	2.2	37
29	A multidimensional concept for mercury neuronal and sensory toxicity in fish - From toxicokinetics and biochemistry to morphometry and behavior. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019, 1863, 129298.	2.4	36
30	Enhanced pronociception by amygdaloid group I metabotropic glutamate receptors in nerve-injured animals. <i>Experimental Neurology</i> , 2009, 216, 66-74.	4.1	35
31	Animal Models for the Study of Comorbid Pain and Psychiatric Disorders. <i>Modern Problems of Pharmacopsychiatry</i> , 2015, 30, 1-21.	2.5	35
32	Differential Predictors of Acute Post-Surgical Pain Intensity After Abdominal Hysterectomy and Major Joint Arthroplasty. <i>Annals of Behavioral Medicine</i> , 2015, 49, 384-397.	2.9	34
33	Fish eyes and brain as primary targets for mercury accumulation " A new insight on environmental risk assessment. <i>Science of the Total Environment</i> , 2014, 494-495, 290-298.	8.0	33
34	Activation by Cutaneous or Visceral Noxious Stimulation of Spinal Neurons Projecting to the Medullary Dorsal Reticular Nucleus in the Rat: Ac-fos Study. <i>European Journal of Neuroscience</i> , 1997, 9, 686-695.	2.6	32
35	Brain afferents to the lateral caudal ventrolateral medulla: a retrograde and anterograde tracing study in the rat. <i>Neuroscience</i> , 2003, 120, 485-498.	2.3	32
36	Asymmetric c-Fos Expression in the Ventral Orbital Cortex is Associated with Impaired Reversal Learning in a Right-Sided Neuropathy. <i>Molecular Pain</i> , 2014, 10, 1744-8069-10-41.	2.1	30

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37	Influence of arthritis on descending modulation of nociception from the paraventricular nucleus of the hypothalamus. <i>Brain Research</i> , 2008, 1197, 63-75.	2.2	29
38	Unmasking the relevance of hemispheric asymmetriesâ€”Break on through (to the other side). <i>Progress in Neurobiology</i> , 2020, 192, 101823.	5.7	29
39	Projection sites of superficial or deep dorsal horn in the dorsal reticular nucleus. <i>NeuroReport</i> , 1995, 6, 1245-1248.	1.2	28
40	A new page on the road book of inorganic mercury in fish body â€” tissue distribution and elimination following waterborne exposure and post-exposure periods. <i>Metallomics</i> , 2015, 7, 525-535.	2.4	27
41	Reciprocal connections between the medullary dorsal reticular nucleus and the spinal dorsal horn in the rat. <i>European Journal of Pain</i> , 2000, 4, 373-387.	2.8	26
42	Pharmacological versus microvascular decompression approaches for the treatment of trigeminal neuralgia: clinical outcomes and direct costs. <i>Journal of Pain Research</i> , 2011, 4, 233.	2.0	26
43	Psychological factors predict an unfavorable pain trajectory after hysterectomy: a prospective cohort study on chronic postsurgical pain. <i>Pain</i> , 2018, 159, 956-967.	4.2	26
44	Lesions of the caudal ventrolateral medulla block the hypertension-induced inhibition of noxious-evoked c-fos expression in the rat spinal cord. <i>European Journal of Pain</i> , 1997, 1, 149-160.	2.8	25
45	Antinociception Induced by Chronic Glucocorticoid Treatment is Correlated to Local Modulation of Spinal Neurotransmitter Content. <i>Molecular Pain</i> , 2009, 5, 1744-8069-5-41.	2.1	24
46	Effectiveness of the association between carbamazepine and peripheral analgesic block with ropivacaine for the treatment of trigeminal neuralgia. <i>Journal of Pain Research</i> , 2010, 3, 201.	2.0	24
47	Variable delay-to-signal: a fast paradigm for assessment of aspects of impulsivity in rats. <i>Frontiers in Behavioral Neuroscience</i> , 2013, 7, 154.	2.0	24
48	Structural laterality is associated with cognitive and mood outcomes: An assessment of 105 healthy aged volunteers. <i>NeuroImage</i> , 2017, 153, 86-96.	4.2	23
49	Chronic pain impact on rodentsâ€™ behavioral repertoire. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 119, 101-127.	6.1	23
50	Pre- and post-surgical factors that predict the provision of rescue analgesia following hysterectomy. <i>European Journal of Pain</i> , 2013, 17, 423-433.	2.8	22
51	Metabotropic glutamate 5 receptor in the infralimbic cortex contributes to descending pain facilitation in healthy and arthritic animals. <i>Neuroscience</i> , 2016, 312, 108-119.	2.3	22
52	Minocycline reduces mechanical allodynia and depressive-like behaviour in type-1 diabetes mellitus in the rat. <i>Behavioural Brain Research</i> , 2017, 327, 1-10.	2.2	22
53	Unveiling the neurotoxicity of methylmercury in fish (<i>Diplodus sargus</i>) through a regional morphometric analysis of brain and swimming behavior assessment. <i>Aquatic Toxicology</i> , 2016, 180, 320-333.	4.0	21
54	Benefits of Spine Stabilization with Biodegradable Scaffolds in Spinal Cord Injured Rats. <i>Tissue Engineering - Part C: Methods</i> , 2013, 19, 101-108.	2.1	20

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55	A comparison of predictors and intensity of acute postsurgical pain in patients undergoing total hip and knee arthroplasty. <i>Journal of Pain Research</i> , 2017, Volume 10, 1087-1098.	2.0	20
56	Emotional distress in haemophilia: Factors associated with the presence of anxiety and depression symptoms among adults. <i>Haemophilia</i> , 2018, 24, e344-e353.	2.1	20
57	Medullary control of nociceptive transmission: Reciprocal dual communication with the spinal cord. <i>Drug Discovery Today Disease Mechanisms</i> , 2006, 3, 305-312.	0.8	19
58	Response properties of nociceptive neurons in the caudal ventrolateral medulla (CVLM) in monoarthritic and healthy control rats: Modulation of responses by the paraventricular nucleus of the hypothalamus (PVN). <i>Brain Research Bulletin</i> , 2011, 86, 82-90.	3.0	19
59	Emotional and cognitive impairments in the peripheral nerve chronic constriction injury model (CCI) of neuropathic pain: A systematic review. <i>Behavioural Brain Research</i> , 2021, 399, 113008.	2.2	19
60	Evidence for lack of direct causality between pain and affective disturbances in a rat peripheral neuropathy model. <i>Genes, Brain and Behavior</i> , 2019, 18, e12542.	2.2	17
61	Pain Prevalence, Characteristics, and Impact Among People with Hemophilia: Findings from the First Portuguese Survey and Implications for Pain Management. <i>Pain Medicine</i> , 2020, 21, 458-471.	1.9	17
62	Selective impact of Tau loss on nociceptive primary afferents and pain sensation. <i>Experimental Neurology</i> , 2014, 261, 486-493.	4.1	15
63	Sociodemographic, Clinical, and Psychosocial Characteristics of People with Hemophilia in Portugal: Findings from the First National Survey. <i>TH Open</i> , 2018, 02, e54-e67.	1.4	15
64	Pronociception from the dorsomedial nucleus of the hypothalamus is mediated by the rostral ventromedial medulla in healthy controls but is absent in arthritic animals. <i>Brain Research Bulletin</i> , 2013, 99, 100-108.	3.0	14
65	A new measure to assess pain in people with haemophilia: The Multidimensional Haemophilia Pain Questionnaire (MHPQ). <i>PLoS ONE</i> , 2018, 13, e0207939.	2.5	14
66	Sucrose intake and preference by Wistar Han rats are not influenced by sex or food/water deprivation. <i>Pharmacology Biochemistry and Behavior</i> , 2022, 216, 173387.	2.9	14
67	A New Model of Laryngitis: Neuropeptide, Cyclooxygenase, and Cytokine Profile. <i>Laryngoscope</i> , 2008, 118, 78-86.	2.0	13
68	Looking at the aquatic contamination through fish eyes – A faithful picture based on metals burden. <i>Marine Pollution Bulletin</i> , 2013, 77, 375-379.	5.0	13
69	Predictors of Acute Postsurgical Pain After Inguinal Hernioplasty. <i>Journal of Pain</i> , 2017, 18, 947-955.	1.4	13
70	Galanin-Mediated Behavioural Hyperalgesia from the Dorsomedial Nucleus of the Hypothalamus Involves Two Independent Descending Pronociceptive Pathways. <i>PLoS ONE</i> , 2015, 10, e0142919.	2.5	12
71	Prevalence and Interference of Chronic Pain Among People With Hemophilia: A Systematic Review and Meta-Analysis. <i>Journal of Pain</i> , 2021, 22, 1134-1145.	1.4	12
72	A Role of Supraspinal Galanin in Behavioural Hyperalgesia in the Rat. <i>PLoS ONE</i> , 2014, 9, e113077.	2.5	11

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73	Pawedness Trait Test (PaTRaT) – A New Paradigm to Evaluate Paw Preference and Dexterity in Rats. <i>Frontiers in Behavioral Neuroscience</i> , 2017, 11, 192.	2.0	11
74	Trait determinants of impulsive behavior: a comprehensive analysis of 188 rats. <i>Scientific Reports</i> , 2018, 8, 17666.	3.3	11
75	Effectiveness of hypnosis for pain management and promotion of health-related quality-of-life among people with haemophilia: a randomised controlled pilot trial. <i>Scientific Reports</i> , 2019, 9, 13399.	3.3	11
76	Asymmetrical subcortical plasticity entails cognitive progression in older individuals. <i>Aging Cell</i> , 2019, 18, e12857.	6.7	11
77	The medullary dorsal reticular nucleus as a relay for descending pronociception induced by the mGluR5 in the rat infralimbic cortex. <i>Neuroscience</i> , 2017, 349, 341-354.	2.3	10
78	Functional Hemispheric (A)symmetries in the Aged Brain – Relevance for Working Memory. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 58.	3.4	10
79	High trait impulsivity potentiates the effects of chronic pain on impulsive behavior. <i>Neurobiology of Pain (Cambridge, Mass)</i> , 2020, 7, 100042.	2.5	10
80	Predictive value of quantitative sensory testing for acute and chronic postsurgical pain after total joint arthroplasty: a systematic review. <i>Pain</i> , 2022, 163, e385-e400.	4.2	10
81	MORPhA Scale: Behavioral and electroencephalographic validation of a rodent anesthesia scale. <i>Journal of Neuroscience Methods</i> , 2019, 324, 108304.	2.5	9
82	Modulating inflammation through the neutralization of Interleukin-6 and tumor necrosis factor- α by biofunctionalized nanoparticles. <i>Journal of Controlled Release</i> , 2021, 331, 491-502.	9.9	9
83	The selective COX-2 inhibitor Etoricoxib reduces acute inflammatory markers in a model of neurogenic laryngitis but loses its efficacy with prolonged treatment. <i>Inflammation Research</i> , 2010, 59, 743-753.	4.0	8
84	A biocompatible and injectable hydrogel to boost the efficacy of stem cells in neurodegenerative diseases treatment. <i>Life Sciences</i> , 2021, 287, 120108.	4.3	8
85	A New Gal in Town: A Systematic Review of the Role of Galanin and Its Receptors in Experimental Pain. <i>Cells</i> , 2022, 11, 839.	4.1	8
86	Effectiveness of two psychological interventions for pain management, emotional regulation and promotion of quality of life among adult Portuguese men with haemophilia (PSY-HaEMOPEQ): study protocol for a single-centre prospective randomised controlled trial. <i>BMJ Open</i> , 2017, 7, e016973.	1.9	7
87	Brain morphometric profiles and their seasonal modulation in fish (<i>Liza aurata</i>) inhabiting a mercury contaminated estuary. <i>Environmental Pollution</i> , 2018, 237, 318-328.	7.5	7
88	Intraepithelial Nerve Fibers Project Into the Lumen of the Larynx. <i>Laryngoscope</i> , 2004, 114, 1074-1077.	2.0	6
89	Unilateral accumbal dopamine depletion affects decision-making in a side-specific manner. <i>Experimental Neurology</i> , 2020, 327, 113221.	4.1	5
90	Nociceptive, emotional, electrophysiological, and histological characterization of the chronic constriction injury model in female Wistar Han rats. <i>Brain Research Bulletin</i> , 2021, 167, 56-70.	3.0	5

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91	Distribution of neuromuscular junctions in laryngeal and syringeal muscles in vertebrates. <i>The Anatomical Record Part A: Discoveries in Molecular, Cellular, and Evolutionary Biology</i> , 2006, 288A, 543-551.	2.0	4
92	Novel applications of common stereology software to represent the complete distribution, density and spatial organization of anterogradely labelled fibers in neuroanatomical tract-tracing studies. <i>Journal of Neuroscience Methods</i> , 2007, 163, 17-23.	2.5	4
93	Chronic pain susceptibility is associated with anhedonic behavior and alterations in the accumbal ubiquitin-proteasome system. <i>Pain</i> , 2021, 162, 1722-1731.	4.2	4
94	Understanding pre-surgical predictors of acute pain experience following hysterectomy for benign causes: Conceptual and methodological issues. <i>Pain</i> , 2012, 153, 1974-1976.	4.2	3
95	Longitudinal evaluation, acceptability and long-term retention of knowledge on a horizontally integrated organic and functional systems course. <i>Perspectives on Medical Education</i> , 2015, 4, 191-195.	3.5	3
96	Metals(loids) targeting fish eyes and brain in a contaminated estuary - Uncovering neurosensory (un)susceptibility through bioaccumulation, antioxidant and morphometric profiles. <i>Marine Environmental Research</i> , 2018, 140, 403-411.	2.5	3
97	Effectiveness of hypnosis for pain and health-related quality-of-life among people with hemophilia: Three-month outcomes of a randomized controlled pilot trial. <i>Complementary Therapies in Clinical Practice</i> , 2021, 45, 101486.	1.7	3
98	Mesocorticolimbic monoamines in a rodent model of chronic neuropathic pain. <i>Neuroscience Letters</i> , 2020, 737, 135309.	2.1	2
99	Insights on nervous system biology and anatomy. , 2020, , 1-28.		2
100	Nociceptive, emotional and electrophysiological characterization of the chronic constriction injury model of experimental traumatic neuropathic pain in female Wistar Han rats.. <i>Frontiers in Cellular Neuroscience</i> , 0, 13, .	3.7	1
101	Tract Tracing Methods at the Ultrastructural Level. , 2002, , 221-234.		0