

Radhouane Dallel

List of Publications by Year in descending order

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101
papers

4,196
citations

101535

36
h-index

123420

61
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109
all docs

109
docs citations

109
times ranked

3564
citing authors

#	ARTICLE	IF	CITATIONS
1	Stimulation of craniofacial muscle afferents induces prolonged facilitatory effects in trigeminal nociceptive brain-stem neurones. <i>Pain</i> , 1992, 48, 53-60.	4.2	224
2	Application of the formalin test to the study of orofacial pain in the rat. <i>Neuroscience Letters</i> , 1989, 103, 349-353.	2.1	183
3	Organization of the efferent projections from the spinal cervical enlargement to the parabrachial area and periaqueductal gray. A PHA-L study in the rat. <i>Journal of Comparative Neurology</i> , 1995, 353, 480-505.	1.6	174
4	Glycine Inhibitory Dysfunction Turns Touch into Pain through PKCgamma Interneurons. <i>PLoS ONE</i> , 2007, 2, e1116.	2.5	170
5	The orofacial formalin test. <i>Neuroscience and Biobehavioral Reviews</i> , 2004, 28, 219-226.	6.1	168
6	The orofacial formalin test in rats: effects of different formalin concentrations. <i>Pain</i> , 1995, 62, 295-301.	4.2	134
7	General trigeminospinal central sensitization and impaired descending pain inhibitory controls contribute to migraine progression. <i>Pain</i> , 2014, 155, 1196-1205.	4.2	122
8	Evidence for a peripheral origin of the tonic nociceptive response to subcutaneous formalin. <i>Pain</i> , 1995, 61, 11-16.	4.2	121
9	Properties of nociceptive and non-nociceptive neurons in trigeminal subnucleus oralis of the rat. <i>Brain Research</i> , 1990, 521, 95-106.	2.2	114
10	The Orofacial Formalin Test in the Mouse: A Behavioral Model for Studying Physiology and Modulation of Trigeminal Nociception. <i>Journal of Pain</i> , 2006, 7, 908-914.	1.4	114
11	Glycine Inhibitory Dysfunction Induces a Selectively Dynamic, Morphine-Resistant, and Neurokinin 1 Receptor- Independent Mechanical Allodynia. <i>Journal of Neuroscience</i> , 2009, 29, 2519-2527.	3.6	99
12	The orofacial capsaicin test in rats: effects of different capsaicin concentrations and morphine. <i>Pain</i> , 2002, 96, 81-87.	4.2	95
13	Effects of subcutaneous formalin on the activity of trigeminal brain stem nociceptive neurones in the rat. <i>Journal of Neurophysiology</i> , 1995, 73, 496-505.	1.8	88
14	Chronic pain associated with the Chikungunya Fever: long lasting burden of an acute illness. <i>BMC Infectious Diseases</i> , 2010, 10, 31.	2.9	85
15	Cyclooxygenase-2 selective inhibitor prevents implantation of eutopic endometrium to ectopic sites in rats. <i>Fertility and Sterility</i> , 2004, 82, 1609-1615.	1.0	82
16	The rostral part of the trigeminal sensory complex is involved in orofacial nociception. <i>Brain Research</i> , 1988, 448, 7-19.	2.2	78
17	Recent advances in our understanding of the organization of dorsal horn neuron populations and their contribution to cutaneous mechanical allodynia. <i>Journal of Neural Transmission</i> , 2020, 127, 505-525.	2.8	74
18	Both oral and caudal parts of the spinal trigeminal nucleus project to the somatosensory thalamus in the rat. <i>European Journal of Neuroscience</i> , 2005, 21, 741-754.	2.6	65

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19	Migraine headaches and pain with neuropathic characteristics: Comorbid conditions in patients with multiple sclerosis. <i>Pain</i> , 2013, 154, 2691-2699.	4.2	65
20	Dural and pial pain-sensitive structures in humans: new inputs from awake craniotomies. <i>Brain</i> , 2018, 141, 1040-1048.	7.6	62
21	Morphine Administered in the Substantia Gelatinosa of the Spinal Trigeminal Nucleus Caudalis Inhibits Nociceptive Activities in the Spinal Trigeminal Nucleus Oral. <i>Journal of Neuroscience</i> , 1998, 18, 3529-3536.	3.6	59
22	Cerebral responses and role of the prefrontal cortex in conditioned pain modulation: an fMRI study in healthy subjects. <i>Behavioural Brain Research</i> , 2015, 281, 187-198.	2.2	59
23	High Prevalence of Headaches During Covid-19 Infection: A Retrospective Cohort Study. <i>Headache</i> , 2020, 60, 2578-2582.	3.9	59
24	Nociceptive stimulation activates locus coeruleus neurones projecting to the somatosensory thalamus in the rat. <i>Journal of Physiology</i> , 2005, 566, 929-937.	2.9	58
25	Tonic and phasic descending dopaminergic controls of nociceptive transmission in the medullary dorsal horn. <i>Pain</i> , 2011, 152, 1821-1831.	4.2	57
26	Cardiovascular influences on conditioned pain modulation. <i>Pain</i> , 2013, 154, 1377-1382.	4.2	57
27	Glycine inhibitory dysfunction turns touch into pain through astrocyte-derived D-serine. <i>Pain</i> , 2011, 152, 1340-1348.	4.2	53
28	Microglia control the glycinergic but not the GABAergic synapses via prostaglandin E2 in the spinal cord. <i>Journal of Cell Biology</i> , 2017, 216, 2979-2989.	5.2	52
29	Stimulus-function, wind-up and modulation by diffuse noxious inhibitory controls of responses of convergent neurons of the spinal trigeminal nucleus oralis. <i>European Journal of Neuroscience</i> , 1999, 11, 31-40.	2.6	49
30	Ascending connections from the caudal part to the oral part of the spinal trigeminal nucleus in the rat. <i>Neuroscience</i> , 2002, 109, 183-193.	2.3	45
31	Cancer pain is not necessarily correlated with spinal overexpression of reactive glia markers. <i>Pain</i> , 2014, 155, 275-291.	4.2	43
32	Bilateral Descending Hypothalamic Projections to the Spinal Trigeminal Nucleus Caudalis in Rats. <i>PLoS ONE</i> , 2013, 8, e73022.	2.5	41
33	Responses of trigeminal subnucleus oralis nociceptive neurones to subcutaneous formalin in the rat. <i>Neuroscience Letters</i> , 1991, 125, 179-182.	2.1	40
34	A Role For Wind-Up in Trigeminal Sensory Processing: Intensity Coding of Nociceptive Stimuli in the Rat. <i>Cephalalgia</i> , 2008, 28, 631-639.	3.9	40
35	Co-occurrence of Pain Symptoms and Somatosensory Sensitivity in Burning Mouth Syndrome: A Systematic Review. <i>PLoS ONE</i> , 2016, 11, e0163449.	2.5	39
36	Effects of tractotomy on nociceptive reactions induced by tooth pulp stimulation in the rat. <i>Experimental Neurology</i> , 1989, 106, 78-84.	4.1	37

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37	Migraine prevalence in inflammatory bowel disease patients: A tertiary care centre cross-sectional study. <i>European Journal of Pain</i> , 2017, 21, 1550-1560.	2.8	37
38	5-HT _{2A} Receptor-Induced Morphological Reorganization of PKC δ -Expressing Interneurons Gates Inflammatory Mechanical Allodynia in Rat. <i>Journal of Neuroscience</i> , 2018, 38, 10489-10504.	3.6	37
39	Organization of efferent projections from the spinal cervical enlargement to the medullary subnucleus reticularis dorsalis and the adjacent cuneate nucleus: A PHA-L study in the rat. , 1996, 367, 503-517.		35
40	Are there differences between cephalic and extracephalic cutaneous allodynia in migraine patients?. <i>Cephalalgia</i> , 2010, 30, 881-886.	3.9	34
41	Insular cortex representation of dynamic mechanical allodynia in trigeminal neuropathic rats. <i>Neurobiology of Disease</i> , 2009, 33, 89-95.	4.4	33
42	NK1 receptor-expressing spinoparabrachial neurons trigger diffuse noxious inhibitory controls through lateral parabrachial activation in the male rat. <i>Pain</i> , 2009, 142, 245-254.	4.2	33
43	Spinal μ and κ Opioids Inhibit Both Thermal and Mechanical Pain in Rats. <i>Journal of Neuroscience</i> , 2013, 33, 11703-11714.	3.6	31
44	Neuropathic pain depends upon d-serine co-activation of spinal NMDA receptors in rats. <i>Neuroscience Letters</i> , 2015, 603, 42-47.	2.1	31
45	Effects of systemic morphine on the activity of convergent neurons of spinal trigeminal nucleus oralis in the rat. <i>European Journal of Pharmacology</i> , 1996, 314, 19-25.	3.5	29
46	Propranolol treatment prevents chronic central sensitization induced by repeated dural stimulation. <i>Pain</i> , 2017, 158, 2025-2034.	4.2	29
47	Is electrical stimulation of the rat incisor an appropriate experimental nociceptive stimulus?. <i>Experimental Neurology</i> , 1986, 93, 291-299.	4.1	28
48	Organization of projections from the spinal trigeminal subnucleus oralis to the spinal cord in the rat: A neuroanatomical substrate for reciprocal orofacial-cervical interactions. <i>Brain Research</i> , 2010, 1343, 75-82.	2.2	28
49	Comparison of Radiotherapy Types in the Treatment of Sialorrhea in Amyotrophic Lateral Sclerosis. <i>Journal of Palliative Medicine</i> , 2011, 14, 391-395.	1.1	27
50	GABAergic inhibition or dopamine denervation of the A11 hypothalamic nucleus induces trigeminal analgesia. <i>Pain</i> , 2015, 156, 644-655.	4.2	27
51	Synergistic Antinociceptive Effect of Amitriptyline and Morphine in the Rat Orofacial Formalin Test. <i>Anesthesiology</i> , 2004, 100, 690-696.	2.5	26
52	Is there pain with neuropathic characteristics in patients with amyotrophic lateral sclerosis? A cross-sectional study. <i>Palliative Medicine</i> , 2016, 30, 486-494.	3.1	26
53	Towards a Pain Treatment Based on the Identification of the Pain-Generating Mechanisms?. <i>European Neurology</i> , 2001, 45, 126-132.	1.4	25
54	Organization of diencephalic projections from the spinal trigeminal nucleus oralis: An anterograde tracing study in the rat. <i>Neuroscience</i> , 2004, 127, 921-928.	2.3	25

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55	Representation of dynamic mechanical allodynia in the ventral medial prefrontal cortex of trigeminal neuropathic rats. <i>European Journal of Pain</i> , 2011, 15, 676-682.	2.8	25
56	Subpopulations of PKC δ interneurons within the medullary dorsal horn revealed by electrophysiologic and morphologic approach. <i>Pain</i> , 2015, 156, 1714-1728.	4.2	25
57	Organization of parabrachial projections from the spinal trigeminal nucleus oralis: An anterograde tracing study in the rat. <i>Journal of Comparative Neurology</i> , 2004, 470, 181-191.	1.6	24
58	Differential effects of trigeminal tractotomy on A δ - and C-fiber-mediated nociceptive responses. <i>Brain Research</i> , 2000, 863, 289-292.	2.2	23
59	A human oral capsaicin pain model to assess topical anestheticâ€“analgesic drugs. <i>Neuroscience Letters</i> , 2001, 316, 149-152.	2.1	23
60	Protein kinase C gamma interneurons in the rat medullary dorsal horn: Distribution and synaptic inputs to these neurons, and subcellular localization of the enzyme. <i>Journal of Comparative Neurology</i> , 2014, 522, 393-413.	1.6	23
61	Validation of a New Arabic Version of the Neuropathic Pain Diagnostic Questionnaire (DN4). <i>Pain Practice</i> , 2017, 17, 78-87.	1.9	23
62	Recurrent administration of the nitric oxide donor, isosorbide dinitrate, induces a persistent cephalic cutaneous hypersensitivity: A model for migraine progression. <i>Cephalalgia</i> , 2018, 38, 776-785.	3.9	23
63	Responses of neurones in the ventrobasal complex of the thalamus to orofacial noxious stimulation after large trigeminal tractotomy. <i>Experimental Brain Research</i> , 1989, 77, 569-76.	1.5	22
64	The nucleus raphe magnus OFF-cells are involved in diffuse noxious inhibitory controls. <i>Experimental Neurology</i> , 2014, 256, 39-45.	4.1	22
65	Dorsal horn NK1-expressing neurons control windup of downstream trigeminal nociceptive neurons. <i>Pain</i> , 2008, 137, 340-351.	4.2	20
66	Segmental disinhibition suppresses C δ -fiber inputs to the rat superficial medullary dorsal horn via the activation of GABA _B receptors. <i>European Journal of Neuroscience</i> , 2013, 37, 417-428.	2.6	18
67	Etiology, distribution, treatment modalities and complications of maxillofacial fractures. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2014, 19, e261-e269.	1.7	18
68	Ketamine Infusion Combined With Magnesium as a Therapy for Intractable Chronic Cluster Headache: Report of Two Cases. <i>Headache</i> , 2017, 57, 1261-1264.	3.9	17
69	PKC δ interneurons, a gateway to pathological pain in the dorsal horn. <i>Journal of Neural Transmission</i> , 2020, 127, 527-540.	2.8	17
70	Activation of medullary dorsal horn δ isoform of protein kinase C interneurons is essential to the development of both static and dynamic facial mechanical allodynia. <i>European Journal of Neuroscience</i> , 2016, 43, 802-810.	2.6	16
71	Five Predictors Affecting the Prognosis of Patients with Severe Odontogenic Infections. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8917.	2.6	16
72	Protein Kinase C δ Interneurons Mediate C-fiberâ€“induced Orofacial Secondary Static Mechanical Allodynia, but Not C-fiberâ€“induced Nociceptive Behavior. <i>Anesthesiology</i> , 2016, 124, 1136-1152.	2.5	15

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73	Contribution of neurokinin 1 receptors in the cutaneous orofacial inflammatory pain. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2003, 368, 320-323.	3.0	13
74	Systemic morphine reduces the wind-up of trigeminal nociceptive neurons. <i>NeuroReport</i> , 2001, 12, 2091-2096.	1.2	12
75	Giant mature ovarian cystic teratoma including more than 300 teeth. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2008, 105, e76-e79.	1.4	12
76	Analgesia Induced by Morphine Microinjected into the Nucleus Raphe Magnus: Effects on Tonic Pain. <i>Current Drug Delivery</i> , 2007, 4, 181-184.	1.6	11
77	The relationship between resting arterial blood pressure and oral postsurgical pain. <i>Clinical Oral Investigations</i> , 2015, 19, 1299-1305.	3.0	9
78	Medication overuse reinstates conditioned pain modulation in women with migraine. <i>Cephalalgia</i> , 2018, 38, 1148-1158.	3.9	9
79	Relationship between adaptation and cardiovascular response to tonic cold and heat pain Adaptability to tonic pain and cardiovascular responses. <i>European Journal of Pain</i> , 2016, 20, 731-741.	2.8	8
80	The nitric oxide donor, isosorbide dinitrate, induces a cephalic cutaneous hypersensitivity, associated with sensitization of the medullary dorsal horn. <i>Neuroscience</i> , 2017, 344, 157-166.	2.3	8
81	Increased cerebral responses to salient transitions between alternating stimuli in chronic migraine with medication overuse headache and during migraine attacks. <i>Cephalalgia</i> , 2019, 39, 988-999.	3.9	8
82	Ketamine+Magnesium for Refractory Chronic Cluster Headache: A Case Series. <i>Headache</i> , 2020, 60, 2537-2543.	3.9	8
83	Strychnine Alters Response Properties of Trigeminal Nociceptive Neurons in the Rat. <i>Journal of Neurophysiology</i> , 2001, 86, 3069-3072.	1.8	7
84	Different processing of meningeal and cutaneous pain information in the spinal trigeminal nucleus caudalis. <i>Cephalalgia</i> , 2017, 37, 1189-1201.	3.9	7
85	Chronic facial inflammatory pain-induced anxiety is associated with bilateral deactivation of the rostral anterior cingulate cortex. <i>Brain Research Bulletin</i> , 2022, 184, 88-98.	3.0	7
86	Dual enkephalinase inhibitor PL37 as a potential novel treatment of migraine: evidence from a rat model. <i>Brain</i> , 2022, 145, 2664-2670.	7.6	6
87	Morphine microinjected into the nucleus raphe magnus does not block the activity of spinal trigeminal nucleus oralis convergent neurons in the rat. <i>Brain Research</i> , 1998, 803, 208-211.	2.2	5
88	Pyridin-2(1H)one derivatives: A possible new class of therapeutics for mechanical allodynia. <i>European Journal of Medicinal Chemistry</i> , 2020, 187, 111917.	5.5	5
89	Whole-body reversible neuropathic pain associated with right parieto-temporal operculum single inflammatory lesion in a patient with multiple sclerosis: A case report. <i>European Journal of Pain</i> , 2019, 23, 1763-1766.	2.8	4
90	Impact of sympathetic activation on pain threshold in human subjects. <i>Physiology and Behavior</i> , 2017, 177, 1-3.	2.1	3

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91	Lamina specific postnatal development of $\text{PKC}\delta$ interneurons within the rat medullary dorsal horn. <i>Developmental Neurobiology</i> , 2017, 77, 102-119.	3.0	3
92	Eagle syndrome, a rare cause of glossodynia. <i>European Journal of Dermatology</i> , 2012, 22, 702-703.	0.6	2
93	GABAA and Glycine Receptor-Mediated Inhibitory Synaptic Transmission onto Adult Rat Lamina III $\text{PKC}\delta$ -Interneurons: Pharmacological but Not Anatomical Specialization. <i>Cells</i> , 2022, 11, 1356.	4.1	2
94	Characteristics of pain in patients with pituitary adenomas: A cross-sectional study. <i>European Journal of Pain</i> , 2021, 25, 913-923.	2.8	1
95	Postnatal development of inner lamina II interneurons of the rat medullary dorsal horn. <i>Pain</i> , 2021, Publish Ahead of Print, .	4.2	1
96	Aspects neurobiologiques des douleurs oro-faciales. <i>Douleur Et Analgesie</i> , 2002, 15, 125-129.	0.1	0
97	Migraine et allodynies sensorielles: aspects cliniques et neurophysiologiques. <i>Douleur Et Analgesie</i> , 2002, 15, 169-175.	0.1	0
98	Mechanisms of individual differences in heterotopic noxious analgesia (DNIC), an fMRI study. <i>Journal of Headache and Pain</i> , 2013, 14, .	6.0	0
99	Effects of glia metabolism inhibition on nociceptive behavioral testing in rats. <i>Data in Brief</i> , 2016, 7, 372-375.	1.0	0
100	Advances in the understanding and treatment of pain and headache. <i>Journal of Neural Transmission</i> , 2020, 127, 389-392.	2.8	0
101	Improved potency of pyridin-2(1H)one derivatives for the treatment of mechanical allodynia. <i>European Journal of Medicinal Chemistry</i> , 2021, 225, 113748.	5.5	0