Radhouane Dallel

List of Publications by Year
in descending order

101	4,196	101496	123376
papers	citations	36 h-index	61 g-index

109	109	109	3564
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Stimulation of craniofacial muscle afferents induces prolonged facilitatory effects in trigeminal nociceptive brain-stem neurones. Pain, 1992, 48, 53-60.	2.0	224
2	Application of the formalin test to the study of orofacial pain in the rat. Neuroscience Letters, 1989, 103, 349-353.	1.0	183
3	Organization of the efferent projections from the spinal cervical enlargement to the parabrachial area and periaqueductal graye. A PHA-L study in the rat. Journal of Comparative Neurology, 1995, 353, 480-505.	0.9	174
4	Glycine Inhibitory Dysfunction Turns Touch into Pain through PKCgamma Interneurons. PLoS ONE, 2007, 2, e1116.	1.1	170
5	The orofacial formalin test. Neuroscience and Biobehavioral Reviews, 2004, 28, 219-226.	2.9	168
6	The orofacial formalin test in rats: effects of different formalin concentrations. Pain, 1995, 62, 295-301.	2.0	134
7	General trigeminospinal central sensitization and impaired descending pain inhibitory controls contribute to migraine progression. Pain, 2014, 155, 1196-1205.	2.0	122
8	Evidence for a peripheral origin of the tonic nociceptive response to subcutaneous formalin. Pain, 1995, 61, 11-16.	2.0	121
9	Properties of nociceptive and non-nociceptive neurons in trigeminal subnucleus oralis of the rat. Brain Research, 1990, 521, 95-106.	1.1	114
10	The Orofacial Formalin Test in the Mouse: A Behavioral Model for Studying Physiology and Modulation of Trigeminal Nociception. Journal of Pain, 2006, 7, 908-914.	0.7	114
11	Glycine Inhibitory Dysfunction Induces a Selectively Dynamic, Morphine-Resistant, and Neurokinin 1 Receptor- Independent Mechanical Allodynia. Journal of Neuroscience, 2009, 29, 2519-2527.	1.7	99
12	The orofacial capsaicin test in rats: effects of different capsaicin concentrations and morphine. Pain, 2002, 96, 81-87.	2.0	95
13	Effects of subcutaneous formalin on the activity of trigeminal brain stem nociceptive neurones in the rat. Journal of Neurophysiology, 1995, 73, 496-505.	0.9	88
14	Chronic pain associated with the Chikungunya Fever: long lasting burden of an acute illness. BMC Infectious Diseases, 2010, 10, 31.	1.3	85
15	Cyclooxygenase-2 selective inhibitor prevents implantation of eutopic endometrium to ectopic sites in rats. Fertility and Sterility, 2004, 82, 1609-1615.	0.5	82
16	The rostral part of the trigeminal sensory complex is involved in orofacial nociception. Brain Research, 1988, 448, 7-19.	1.1	78
17	Recent advances in our understanding of the organization of dorsal horn neuron populations and their contribution to cutaneous mechanical allodynia. Journal of Neural Transmission, 2020, 127, 505-525.	1.4	74
18	Both oral and caudal parts of the spinal trigeminal nucleus project to the somatosensory thalamus in the rat. European Journal of Neuroscience, 2005, 21, 741-754.	1.2	65

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19	Migraine headaches and pain with neuropathic characteristics: Comorbid conditions in patients with multiple sclerosis. Pain, 2013, 154, 2691-2699.	2.0	65
20	Dural and pial pain-sensitive structures in humans: new inputs from awake craniotomies. Brain, 2018, 141, 1040-1048.	3.7	62
21	Morphine Administered in the Substantia Gelatinosa of the Spinal Trigeminal Nucleus Caudalis Inhibits Nociceptive Activities in the Spinal Trigeminal Nucleus Oralis. Journal of Neuroscience, 1998, 18, 3529-3536.	1.7	59
22	Cerebral responses and role of the prefrontal cortex in conditioned pain modulation: an fMRI study in healthy subjects. Behavioural Brain Research, 2015, 281, 187-198.	1.2	59
23	High Prevalence of Headaches During Covidâ€19 Infection: A Retrospective Cohort Study. Headache, 2020, 60, 2578-2582.	1.8	59
24	Nociceptive stimulation activates locus coeruleus neurones projecting to the somatosensory thalamus in the rat. Journal of Physiology, 2005, 566, 929-937.	1.3	58
25	Tonic and phasic descending dopaminergic controls of nociceptive transmission in the medullary dorsal horn. Pain, 2011, 152, 1821-1831.	2.0	57
26	Cardiovascular influences on conditioned pain modulation. Pain, 2013, 154, 1377-1382.	2.0	57
27	Glycine inhibitory dysfunction turns touch into pain through astrocyte-derived D-serine. Pain, 2011, 152, 1340-1348.	2.0	53
28	Microglia control the glycinergic but not the GABAergic synapses via prostaglandin E2 in the spinal cord. Journal of Cell Biology, 2017, 216, 2979-2989.	2.3	52
29	Stimulus-function, wind-up and modulation by diffuse noxious inhibitory controls of responses of convergent neurons of the spinal trigeminal nucleus oralis. European Journal of Neuroscience, 1999, 11, 31-40.	1.2	49
30	Ascending connections from the caudal part to the oral part of the spinal trigeminal nucleus in the rat. Neuroscience, 2002, 109, 183-193.	1.1	45
31	Cancer pain is not necessarily correlated with spinal overexpression of reactive glia markers. Pain, 2014, 155, 275-291.	2.0	43
32	Bilateral Descending Hypothalamic Projections to the Spinal Trigeminal Nucleus Caudalis in Rats. PLoS ONE, 2013, 8, e73022.	1.1	41
33	Responses of trigeminal subnucleus oralis nociceptive neurones to subcutaneous formalin in the rat. Neuroscience Letters, 1991, 125, 179-182.	1.0	40
34	A Role For Wind-Up in Trigeminal Sensory Processing: Intensity Coding of Nociceptive Stimuli in the Rat. Cephalalgia, 2008, 28, 631-639.	1.8	40
35	Co-occurrence of Pain Symptoms and Somatosensory Sensitivity in Burning Mouth Syndrome: A Systematic Review. PLoS ONE, 2016, 11, e0163449.	1.1	39
36	Effects of tractotomy on nociceptive reactions induced by tooth pulp stimulation in the rat. Experimental Neurology, 1989, 106, 78-84.	2.0	37

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37	Migraine prevalence in inflammatory bowel disease patients: AÂtertiaryâ€¢care centre crossâ€¢sectional study. European Journal of Pain, 2017, 21, 1550-1560.	1.4	37
38	5-HT_{2A}Receptor-Induced Morphological Reorganization of PKCÎ³-Expressing Interneurons Gates Inflammatory Mechanical Allodynia in Rat. Journal of Neuroscience, 2018, 38, 10489-10504.	1.7	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?. Cephalalgia, 2010, 30, 881-886.	1.8	34
41	Insular cortex representation of dynamic mechanical allodynia in trigeminal neuropathic rats. Neurobiology of Disease, 2009, 33, 89-95.	2.1	33
42	NK1 receptor-expressing spinoparabrachial neurons trigger diffuse noxious inhibitory controls through lateral parabrachial activation in the male rat. Pain, 2009, 142, 245-254.	2.0	33
43	Spinal Â and Â Opioids Inhibit Both Thermal and Mechanical Pain in Rats. Journal of Neuroscience, 2013, 33, 11703-11714.	1.7	31
44	Neuropathic pain depends upon d-serine co-activation of spinal NMDA receptors in rats. Neuroscience Letters, 2015, 603, 42-47.	1.0	31
45	Effects of systemic morphine on the activity of convergent neurons of spinal trigeminal nucleus oralis in the rat. European Journal of Pharmacology, 1996, 314, 19-25.	1.7	29
46	Propranolol treatment prevents chronic central sensitization induced by repeated dural stimulation. Pain, 2017, 158, 2025-2034.	2.0	29
47	Is electrical stimulation of the rat incisor an appropriate experimental nociceptive stimulus?. Experimental Neurology, 1986, 93, 291-299.	2.0	28
48	Organization of projections from the spinal trigeminal subnucleus oralis to the spinal cord in the rat: A neuroanatomical substrate for reciprocal orofacialâ€“cervical interactions. Brain Research, 2010, 1343, 75-82.	1.1	28
49	Comparison of Radiotherapy Types in the Treatment of Sialorrhea in Amyotrophic Lateral Sclerosis. Journal of Palliative Medicine, 2011, 14, 391-395.	0.6	27
50	GABAAergic inhibition or dopamine denervation of the A11 hypothalamic nucleus induces trigeminal analgesia. Pain, 2015, 156, 644-655.	2.0	27
51	Synergistic Antinociceptive Effect of Amitriptyline and Morphine in the Rat Orofacial Formalin Test. Anesthesiology, 2004, 100, 690-696.	1.3	26
52	Is there pain with neuropathic characteristics in patients with amyotrophic lateral sclerosis? A cross-sectional study. Palliative Medicine, 2016, 30, 486-494.	1.3	26
53	Towards a Pain Treatment Based on the Identification of the Pain-Generating Mechanisms?. European Neurology, 2001, 45, 126-132.	0.6	25
54	Organization of diencephalic projections from the spinal trigeminal nucleus oralis: An anterograde tracing study in the rat. Neuroscience, 2004, 127, 921-928.	1.1	25

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55	Representation of dynamic mechanical allodynia in the ventral medial prefrontal cortex of trigeminal neuropathic rats. European Journal of Pain, 2011, 15, 676-682.	1.4	25
56	Subpopulations of PKCÎ³ interneurons within the medullary dorsal horn revealed by electrophysiologic and morphologic approach. Pain, 2015, 156, 1714-1728.	2.0	25
57	Organization of parabrachial projections from the spinal trigeminal nucleus oralis: An anterograde tracing study in the rat. Journal of Comparative Neurology, 2004, 470, 181-191.	0.9	24
58	Differential effects of trigeminal tractotomy on AÎ´- and C-fiber-mediated nociceptive responses. Brain Research, 2000, 863, 289-292.	1.1	23
59	A human oral capsaicin pain model to assess topical anestheticâ€“analgesic drugs. Neuroscience Letters, 2001, 316, 149-152.	1.0	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. Journal of Comparative Neurology, 2014, 522, 393-413.	0.9	23
61	Validation of a New Arabic Version of the Neuropathic Pain Diagnostic Questionnaire (DN4). Pain Practice, 2017, 17, 78-87.	0.9	23
62	Recurrent administration of the nitric oxide donor, isosorbide dinitrate, induces a persistent cephalic cutaneous hypersensitivity: A model for migraine progression. Cephalalgia, 2018, 38, 776-785.	1.8	23
63	Responses of neurones in the ventrobasal complex of the thalamus to orofacial noxious stimulation after large trigeminal tractotomy. Experimental Brain Research, 1989, 77, 569-76.	0.7	22
64	The nucleus raphe magnus OFF-cells are involved in diffuse noxious inhibitory controls. Experimental Neurology, 2014, 256, 39-45.	2.0	22
65	Dorsal horn NK1-expressing neurons control windup of downstream trigeminal nociceptive neurons. Pain, 2008, 137, 340-351.	2.0	20
66	Segmental disinhibition suppresses Câ€fiber inputs to the rat superficial medullary dorsal horn via the activation of <scp>GABA</scp>_B receptors. European Journal of Neuroscience, 2013, 37, 417-428.	1.2	18
67	Etiology, distribution, treatment modalities and complications of maxillofacial fractures. Medicina Oral, Patologia Oral Y Cirugia Bucal, 2014, 19, e261-e269.	0.7	18
68	Ketamine Infusion Combined With Magnesium as a Therapy for Intractable Chronic Cluster Headache: Report of Two Cases. Headache, 2017, 57, 1261-1264.	1.8	17
69	PKCÎ³ interneurons, a gateway to pathological pain in the dorsal horn. Journal of Neural Transmission, 2020, 127, 527-540.	1.4	17
70	Activation of medullary dorsal horn Î³ isoform of protein kinase C interneurons is essential to the development of both static and dynamic facial mechanical allodynia. European Journal of Neuroscience, 2016, 43, 802-810.	1.2	16
71	Five Predictors Affecting the Prognosis of Patients with Severe Odontogenic Infections. International Journal of Environmental Research and Public Health, 2020, 17, 8917.	1.2	16
72	Protein Kinase C Î³ Interneurons Mediate C-fiberâ€“induced Orofacial Secondary Static Mechanical Allodynia, but Not C-fiberâ€“induced Nociceptive Behavior. Anesthesiology, 2016, 124, 1136-1152.	1.3	15

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73	Contribution of neurokinin 1 receptors in the cutaneous orofacial inflammatory pain. Naunyn-Schmiedeberg's Archives of Pharmacology, 2003, 368, 320-323.	1.4	13
74	Systemic morphine reduces the wind-up of trigeminal nociceptive neurons. NeuroReport, 2001, 12, 2091-2096.	0.6	12
75	Giant mature ovarian cystic teratoma including more than 300 teeth. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2008, 105, e76-e79.	1.6	12
76	Analgesia Induced by Morphine Microinjected into the Nucleus Raphe Magnus: Effects on Tonic Pain. Current Drug Delivery, 2007, 4, 181-184.	0.8	11
77	The relationship between resting arterial blood pressure and oral postsurgical pain. Clinical Oral Investigations, 2015, 19, 1299-1305.	1.4	9
78	Medication overuse reinstates conditioned pain modulation in women with migraine. Cephalalgia, 2018, 38, 1148-1158.	1.8	9
79	Relationship between adaptation and cardiovascular response to tonic cold and heat pain Adaptability to tonic pain and cardiovascular responses. European Journal of Pain, 2016, 20, 731-741.	1.4	8
80	The nitric oxide donor, isosorbide dinitrate, induces a cephalic cutaneous hypersensitivity, associated with sensitization of the medullary dorsal horn. Neuroscience, 2017, 344, 157-166.	1.1	8
81	Increased cerebral responses to salient transitions between alternating stimuli in chronic migraine with medication overuse headache and during migraine attacks. Cephalalgia, 2019, 39, 988-999.	1.8	8
82	Ketamineâ€Magnesium for Refractory Chronic Cluster Headache: A Case Series. Headache, 2020, 60, 2537-2543.	1.8	8
83	Strychnine Alters Response Properties of Trigeminal Nociceptive Neurons in the Rat. Journal of Neurophysiology, 2001, 86, 3069-3072.	0.9	7
84	Different processing of meningeal and cutaneous pain information in the spinal trigeminal nucleus caudalis. Cephalalgia, 2017, 37, 1189-1201.	1.8	7
85	Chronic facial inflammatory pain-induced anxiety is associated with bilateral deactivation of the rostral anterior cingulate cortex. Brain Research Bulletin, 2022, 184, 88-98.	1.4	7
86	Dual enkephalinase inhibitor PL37 as a potential novel treatment of migraine: evidence from a rat model. Brain, 2022, 145, 2664-2670.	3.7	6
87	Morphine microinjected into the nucleus raphe magnus does not block the activity of spinal trigeminal nucleus oralis convergent neurons in the rat. Brain Research, 1998, 803, 208-211.	1.1	5
88	Pyridin-2(1H)one derivatives: A possible new class of therapeutics for mechanical allodynia. European Journal of Medicinal Chemistry, 2020, 187, 111917.	2.6	5
89	Wholeâ€body reversible neuropathic pain associated with right parietoâ€temporal operculum single inflammatory lesion in a patient with multiple sclerosis: A case report. European Journal of Pain, 2019, 23, 1763-1766.	1.4	4
90	Impact of sympathetic activation on pain threshold in human subjects. Physiology and Behavior, 2017, 177, 1-3.	1.0	3

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91	Lamina specific postnatal development of <scp>PKC</scp>Î³ interneurons within the rat medullary dorsal horn. Developmental Neurobiology, 2017, 77, 102-119.	1.5	3
92	Eagle syndrome, a rare cause of glossodynia. European Journal of Dermatology, 2012, 22, 702-703.	0.3	2
93	GABAA and Glycine Receptor-Mediated Inhibitory Synaptic Transmission onto Adult Rat Lamina IIi PKCÎ³-Interneurons: Pharmacological but Not Anatomical Specialization. Cells, 2022, 11, 1356.	1.8	2
94	Characteristics of pain in patients with pituitary adenomas: A crossâ€sectional study. European Journal of Pain, 2021, 25, 913-923.	1.4	1
95	Postnatal development of inner lamina II interneurons of the rat medullary dorsal horn. Pain, 2021, Publish Ahead of Print, .	2.0	1
96	Aspects neurobiologiques des douleurs oro-faciales. Douleur Et Analgesie, 2002, 15, 125-129.	0.2	0
97	Migraine et allodynies sensorielles: aspects cliniques et neurophysiologiques. Douleur Et Analgesie, 2002, 15, 169-175.	0.2	0
98	Mechanisms of individual differences in heterotopic noxious analgesia (DNIC), an fMRI study. Journal of Headache and Pain, 2013, 14, .	2.5	0
99	Effects of glia metabolism inhibition on nociceptive behavioral testing in rats. Data in Brief, 2016, 7, 372-375.	0.5	0
100	Advances in the understanding and treatment of pain and headache. Journal of Neural Transmission, 2020, 127, 389-392.	1.4	0
101	Improved potency of pyridin-2(1H)one derivatives for the treatment of mechanical allodynia. European Journal of Medicinal Chemistry, 2021, 225, 113748.	2.6	0