

Marc Landry

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

97
papers

3,501
citations

36
h-index

56
g-index

104
ext. papers

3,954
ext. citations

5.8
avg, IF

4.77
L-index

#	Paper	IF	Citations
97	Subtypes Y1 and Y2 of the neuropeptide Y receptor are respectively expressed in pro-opiomelanocortin- and neuropeptide-Y-containing neurons of the rat hypothalamic arcuate nucleus. <i>Neuroendocrinology</i> , 1997 , 66, 393-408	5.6	265
96	Metabotropic receptors for glutamate and GABA in pain. <i>Brain Research Reviews</i> , 2009 , 60, 43-56		142
95	Bidirectional integrative regulation of Cav1.2 calcium channel by microRNA miR-103: role in pain. <i>EMBO Journal</i> , 2011 , 30, 3830-41	13	131
94	Expression of vesicular glutamate transporters in rat lumbar spinal cord, with a note on dorsal root ganglia. <i>Journal of Comparative Neurology</i> , 2004 , 468, 380-94	3.4	124
93	Dynamic balance of metabotropic inputs causes dorsal horn neurons to switch functional states. <i>Nature Neuroscience</i> , 2003 , 6, 274-81	25.5	112
92	Expression and regulation of the neuropeptide Y Y2 receptor in sensory and autonomic ganglia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997 , 94, 729-34	11.5	106
91	Neuropeptide Y: some viewpoints on a multifaceted peptide in the normal and diseased nervous system. <i>Brain Research Reviews</i> , 1998 , 26, 154-66		97
90	Effect of axotomy on expression of NPY, galanin, and NPY Y1 and Y2 receptors in dorsal root ganglia and the superior cervical ganglion studied with double-labeling in situ hybridization and immunohistochemistry. <i>Experimental Neurology</i> , 2000 , 162, 361-84	5.7	96
89	Evidence for galanin receptors in primary sensory neurones and effect of axotomy and inflammation. <i>NeuroReport</i> , 1996 , 8, 237-42	1.7	91
88	TFAFA4, a chemokine-like protein, modulates injury-induced mechanical and chemical pain hypersensitivity in mice. <i>Cell Reports</i> , 2013 , 5, 378-88	10.6	88
87	Neuropeptide tyrosine and pain. <i>Trends in Pharmacological Sciences</i> , 2007 , 28, 93-102	13.2	86
86	Platelet-associated CD154 in immune thrombocytopenic purpura. <i>Blood</i> , 2005 , 105, 215-8	2.2	85
85	Regulation of expression of galanin and galanin receptors in dorsal root ganglia and spinal cord after axotomy and inflammation. <i>Annals of the New York Academy of Sciences</i> , 1998 , 863, 402-13	6.5	83
84	Knockdown of L calcium channel subtypes: differential effects in neuropathic pain. <i>Journal of Neuroscience</i> , 2010 , 30, 1073-85	6.6	80
83	Expression of vesicular glutamate transporters, VGLUT1 and VGLUT2, in cholinergic spinal motoneurons. <i>European Journal of Neuroscience</i> , 2004 , 20, 1752-60	3.5	75
82	Excessive tubulin polyglutamylation causes neurodegeneration and perturbs neuronal transport. <i>EMBO Journal</i> , 2018 , 37,	13	67
81	MicroRNA and chronic pain: From mechanisms to therapeutic potential. <i>Pharmacology & Therapeutics</i> , 2017 , 180, 1-15	13.9	66

80	Galanin and NPY, two peptides with multiple putative roles in the nervous system. <i>Hormone and Metabolic Research</i> , 1999 , 31, 330-4	3.1	63
79	Long latency of evoked quantal transmitter release from somata of locus coeruleus neurons in rat pontine slices. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 1401-6	11.5	60
78	microRNAs in nociceptive circuits as predictors of future clinical applications. <i>Frontiers in Molecular Neuroscience</i> , 2013 , 6, 33	6.1	55
77	Galanin-R1 receptor in anterior and mid-hypothalamus: Distribution and regulation. <i>Journal of Comparative Neurology</i> , 1998 , 399, 321-340	3.4	55
76	Differential routing of coexisting neuropeptides in vasopressin neurons. <i>European Journal of Neuroscience</i> , 2003 , 17, 579-89	3.5	50
75	Subcellular localization of preprogalanin messenger RNA in perikarya and axons of hypothalamo-posthypophyseal magnocellular neurons: an in situ hybridization study. <i>Neuroscience</i> , 1998 , 84, 897-912	3.9	48
74	Distribution of the lipolysis stimulated receptor in adult and embryonic murine tissues and lethality of LSR ^{-/-} embryos at 12.5 to 14.5 days of gestation. <i>FEBS Journal</i> , 2004 , 271, 3103-14		48
73	A secretagogue locus of the mammalian hypothalamus controls stress hormone release. <i>EMBO Journal</i> , 2015 , 34, 36-54	13	46
72	Expression of galanin in hypothalamic magnocellular neurones of lactating rats: co-existence with vasopressin and oxytocin. <i>Journal of Endocrinology</i> , 1997 , 155, 467-81	4.7	45
71	Impairment of GABAB receptor dimer by endogenous 14-3-3 σ in chronic pain conditions. <i>EMBO Journal</i> , 2012 , 31, 3239-51	13	43
70	MicroRNAs regulate neuronal plasticity and are involved in pain mechanisms. <i>Frontiers in Cellular Neuroscience</i> , 2014 , 8, 31	6.1	42
69	The effect of NGF, BDNF and bFGF on expression of galanin in cultured rat dorsal root ganglia. <i>Brain Research</i> , 1997 , 754, 131-41	3.7	42
68	miR-92a regulates expression of synaptic GluA1-containing AMPA receptors during homeostatic scaling. <i>Nature Neuroscience</i> , 2014 , 17, 1040-2	25.5	41
67	Short-term effects of centrally administered galanin on the hyperosmotically stimulated expression of vasopressin in the rat hypothalamus. An in situ hybridization and immunohistochemistry study. <i>Neuroendocrinology</i> , 1995 , 61, 393-404	5.6	41
66	Galanin expression in adult human dorsal root ganglion neurons: initial observations. <i>Neuroscience</i> , 2003 , 117, 795-809	3.9	40
65	Reversion of hepatobiliary alterations By bone marrow transplantation in a murine model of erythropoietic protoporphyria. <i>Hepatology</i> , 2000 , 32, 73-81	11.2	40
64	L-type calcium channels and NMDA receptors: a determinant duo for short-term nociceptive plasticity. <i>European Journal of Neuroscience</i> , 2007 , 25, 127-35	3.5	39
63	An intracellular motif of P2X(3) receptors is required for functional cross-talk with GABA(A) receptors in nociceptive DRG neurons. <i>Journal of Neurochemistry</i> , 2007 , 102, 1357-68	6	39

62	Recovery of bimodal locomotion in the spinal-transected salamander, <i>Pleurodeles waltlii</i> . <i>European Journal of Neuroscience</i> , 2004 , 20, 1995-2007	3.5	37
61	Distribution and regulation of L-type calcium channels in deep dorsal horn neurons after sciatic nerve injury in rats. <i>European Journal of Neuroscience</i> , 2005 , 21, 3321-33	3.5	36
60	Selenoprotein T is a novel OST subunit that regulates UPR signaling and hormone secretion. <i>EMBO Reports</i> , 2017 , 18, 1935-1946	6.5	34
59	GINIP, a G β -interacting protein, functions as a key modulator of peripheral GABAB receptor-mediated analgesia. <i>Neuron</i> , 2014 , 84, 123-136	13.9	33
58	Nm23-M2/NDP kinase B induces endogenous c-myc and nm23-M1/NDP kinase A overexpression in BAF3 cells. Both NDP kinases protect the cells from oxidative stress-induced death. <i>Experimental Cell Research</i> , 2004 , 301, 293-304	4.2	33
57	Hypothalamic galanin-immunoreactive neurons projecting to the posterior lobe of the rat pituitary: a combined retrograde tracing and immunohistochemical study. <i>Journal of Comparative Neurology</i> , 1990 , 299, 405-20	3.4	31
56	Galanin and galanin receptor expression in neuroblastic tumours: correlation with their differentiation status. <i>British Journal of Cancer</i> , 2002 , 86, 117-22	8.7	28
55	Galaninergic mechanisms at the spinal level: focus on histochemical phenotyping. <i>Neuropeptides</i> , 2005 , 39, 223-31	3.3	28
54	Cav1.2 and Cav1.3 L-type calcium channels independently control short- and long-term sensitization to pain. <i>Journal of Physiology</i> , 2016 , 594, 6607-6626	3.9	28
53	Evidence for a colocalization of oxytocin mRNA and galanin in magnocellular hypothalamic neurons: a study combining in situ hybridization and immunohistochemistry. <i>Molecular Brain Research</i> , 1991 , 10, 91-5		26
52	Calcium signalling through L-type calcium channels: role in pathophysiology of spinal nociceptive transmission. <i>British Journal of Pharmacology</i> , 2018 , 175, 2362-2374	8.6	25
51	Dendritic synthesis and release of the neuropeptide galanin: morphological evidence from studies on rat locus coeruleus neurons. <i>Journal of Comparative Neurology</i> , 2009 , 516, 199-212	3.4	25
50	Dissociation and trafficking of rat GABAB receptor heterodimer upon chronic capsaicin stimulation. <i>European Journal of Neuroscience</i> , 2007 , 25, 1402-16	3.5	24
49	Galanin receptor 1 is expressed in a subpopulation of glutamatergic interneurons in the dorsal horn of the rat spinal cord. <i>Journal of Comparative Neurology</i> , 2006 , 499, 391-403	3.4	24
48	TAF4A Reverses Mechanical Allodynia through Activation of GABAergic Transmission and Microglial Process Retraction. <i>Cell Reports</i> , 2018 , 22, 2886-2897	10.6	23
47	Effects of centrally administered galanin (1-16) on galanin expression in the rat hypothalamus. <i>Peptides</i> , 2000 , 21, 1725-33	3.8	23
46	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	3.4	22
45	Differential expression of nm23 genes in adult mouse dorsal root ganglia. <i>Journal of Comparative Neurology</i> , 2002 , 444, 306-23	3.4	22

44	Expression patterns of nm23 genes during mouse organogenesis. <i>Cell and Tissue Research</i> , 2005 , 322, 365-78	4.2	22
43	Neonatal 6-OHDA lesion model in mouse induces Attention-Deficit/ Hyperactivity Disorder (ADHD)-like behaviour. <i>Scientific Reports</i> , 2018 , 8, 15349	4.9	22
42	Spinal miRNA-124 regulates synaptopodin and nociception in an animal model of bone cancer pain. <i>Scientific Reports</i> , 2017 , 7, 10949	4.9	21
41	Characterization of the nm23-M2, nm23-M3 and nm23-M4 mouse genes: comparison with their human orthologs. <i>Gene</i> , 2002 , 296, 87-97	3.8	20
40	Differential routing of coexisting neuropeptides in vasopressin neurons. <i>European Journal of Neuroscience</i> , 2003 , 17, 579-589	3.5	19
39	Galanin in pituitary adenomas. <i>Regulatory Peptides</i> , 2004 , 117, 127-39		19
38	Cloning of a second nm23-M1 cDNA: expression in the central nervous system of adult mouse and comparison with nm23-M2 mRNA distribution. <i>Molecular Brain Research</i> , 1999 , 63, 351-65		19
37	Differential routing of coexisting neuropeptides in vasopressin neurons. <i>European Journal of Neuroscience</i> , 2003 , 17, 579-89	3.5	19
36	Intrinsic membrane properties of spinal dorsal horn neurones modulate nociceptive information processing in vivo. <i>Journal of Physiology</i> , 2011 , 589, 2733-43	3.9	17
35	Alteration of nociceptive integration in the spinal cord of a rat model of Parkinson's disease. <i>Movement Disorders</i> , 2018 , 33, 1010-1015	7	16
34	Effect of NGF, BDNF, bFGF, aFGF and cell density on NPY expression in cultured rat dorsal root ganglion neurones. <i>Journal of the Autonomic Nervous System</i> , 2000 , 81, 128-38		15
33	Leukemia inhibitory factor regulates galanin/galanin message-associated peptide expression in cultured mouse dorsal root ganglia; with a note on in situ hybridization methodology. <i>Neuroscience</i> , 1999 , 89, 1123-34	3.9	15
32	Organization and expression of mouse nm23-M1 gene. Comparison with nm23-M2 expression. <i>Gene</i> , 1999 , 236, 221-30	3.8	15
31	Animal models of pain: Diversity and benefits. <i>Journal of Neuroscience Methods</i> , 2021 , 348, 108997	3	15
30	Unexpected association of the "inhibitory" neuroligin 2 with excitatory PSD95 in neuropathic pain. <i>Pain</i> , 2013 , 154, 2529-2546	8	12
29	Fibroblast growth factor-2 mRNA expression in the brainstem and spinal cord of normal and chronic spinally transected urodeles. <i>Journal of Neuroscience Research</i> , 2008 , 86, 3348-58	4.4	11
28	Acquisition of analgesic properties by the cholecystokinin (CCK)/CCK2 receptor system within the amygdala in a persistent inflammatory pain condition. <i>Pain</i> , 2019 , 160, 345-357	8	10
27	Inflammatory-induced spinal dorsal horn neurons hyperexcitability is mediated by P2X4 receptors. <i>Pain Reports</i> , 2018 , 3, e660	3.5	10

26	APE1/Ref-1 redox function contributes to inflammatory pain sensitization. <i>Experimental Neurology</i> , 2018 , 307, 1-11	5.7	8
25	Group I metabotropic glutamate receptor plasticity after peripheral inflammation alters nociceptive transmission in the dorsal of the spinal cord in adult rats. <i>Molecular Pain</i> , 2017 , 13, 1744806917737934	3.4	7
24	Oxaliplatin treatment impairs extension of sensory neuron neurites in vitro through miR-204 overexpression. <i>NeuroToxicology</i> , 2018 , 68, 91-100	4.4	7
23	Developmental expression of nitric oxide synthase in the rat diencephalon with special reference to the thalamic paratenial nucleus. <i>International Journal of Developmental Neuroscience</i> , 1997 , 15, 931-8	2.7	7
22	Galanin-R1 receptor mRNA expression in the hypothalamus of the Brattelboro rat. <i>NeuroReport</i> , 1999 , 10, 2823-7	1.7	7
21	Galanin-R1 receptor in anterior and mid-hypothalamus: Distribution and regulation 1998 , 399, 321		5
20	Neonatal 6-OHDA Lesion Model in Mouse Induces Cognitive Dysfunctions of Attention-Deficit/Hyperactivity Disorder (ADHD) During Young Age. <i>Frontiers in Behavioral Neuroscience</i> , 2020 , 14, 27	3.5	4
19	Setup of a fluorescence lifetime and spectral correlated acquisition system for two-photon microscopy. <i>Review of Scientific Instruments</i> , 2006 , 77, 123702	1.7	3
18	Neuropathic pain modeling: Focus on synaptic and ion channel mechanisms. <i>Progress in Neurobiology</i> , 2021 , 201, 102030	10.9	3
17	Models of Dynamical Synapses and Cortical Development 2017 , 321-331		2
16	Immunogold detection of co-localized neuropeptides: methodological aspects. <i>Journal of Histochemistry and Cytochemistry</i> , 2004 , 52, 617-27	3.4	2
15	Differential expression of the nm23 genes in the developing human trophoblast. <i>Placenta</i> , 2004 , 25, 20-8	3.4	2
14	Small RNA-Seq reveals novel miRNAs shaping the transcriptomic identity of rat brain structures. <i>Life Science Alliance</i> , 2018 , 1, e201800018	5.8	2
13	Spinal Inhibition of GABAB Receptors by the Extracellular Matrix Protein Fibulin-2 in Neuropathic Rats. <i>Frontiers in Cellular Neuroscience</i> , 2020 , 14, 214	6.1	2
12	The redox-sensitive APE1 is a master cellular regulator for inflammatory pain condition. <i>IBRO Reports</i> , 2019 , 7, 52-53	2	2
11	Windup of Nociceptive Flexion Reflex Depends on Synaptic and Intrinsic Properties of Dorsal Horn Neurons in Adult Rats. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	2
10	The relaxin-3/RXFP3 system as a peptidergic pathway to control hypothalamic neurons. <i>Journal of Physiology</i> , 2017 , 595, 3249-3250	3.9	1
9	Detecting fine and elaborate movements with piezo sensors provides non-invasive access to overlooked behavioral components. <i>Neuropsychopharmacology</i> , 2021 ,	8.7	1

- 8 Neuroinflammation as a possible link between attention-deficit/hyperactivity disorder (ADHD) and pain. *Medical Hypotheses*, **2021**, 157, 110717 3.8 1
- 7 Analgesic effect of central relaxin receptor activation on persistent inflammatory pain in mice: behavioral and neurochemical data. *Pain Reports*, **2021**, 6, e937 3.5 1
- 6 Correlative microscopy on tissue: Development applied to the skin and the nervous system **2016**, 1033-1034
- 5 Analysis of the in-vivo GABAB receptor relocalization and oligomerization in chronic pain conditions using spatial intensity distribution analysis. *Current Directions in Biomedical Engineering*, **2017**, 3, 669-673^{0.5}
- 4 Douleurs neuropathiques et inflammatoires: modèles animaux et rôles fonctionnels des neuropeptides. *Douleur Et Analgesie*, **2005**, 18, 151-158 0.2
- 3 Galanin, A New Candidate for Somato-Dendritic Release **2005**, 239-256
- 2 Immunocytochemistry and In Situ Hybridization: Their Combinations for Cytofunctional Approaches of Central and Peripheral Neurons **2002**, 119-143
- 1 Neuropeptide RNA localization in tissue sections. *Methods in Molecular Biology*, **2011**, 789, 73-87 1.4